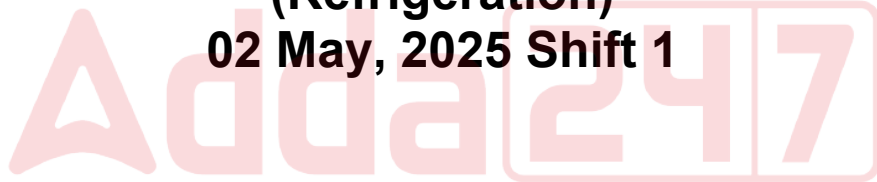


**RRB ALP
CBT-II
Previous Year Paper
(Refrigeration)
02 May, 2025 Shift 1**



Adda247

Test Prime

ALL EXAMS, ONE SUBSCRIPTION



1,00,000+
Mock Tests



Personalised
Report Card



Unlimited
Re-Attempt



600+
Exam Covered



25,000+ Previous
Year Papers



500%
Refund



ATTEMPT FREE MOCK NOW



सत्यमेव जयते

रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
CEN 01/2024 - ALP / सहायक लोको पायलट



Roll Number	
Candidate Name	
Test Center Name	
Community	
Test Date	02/05/2025
Test Time	9:30 AM - 12:00 PM
Subject	Refrigeration and Air conditioning Mechanic
Application Photograph	
Exam Day Photograph	

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

- Options shown in green color with a tick icon are correct.
- Chosen option on the right of the question indicates the option selected by the candidate.

Section : PART-A

Q.1	A fruit seller initially had some apples. He sold 40% of those and still had 300 apples. How many apples did he initially have?
Ans	<input checked="" type="checkbox"/> 1. 750 <input checked="" type="checkbox"/> 2. 500 <input checked="" type="checkbox"/> 3. 450 <input checked="" type="checkbox"/> 4. 600

Question Type :	MCQ
Question ID :	441009160918
Option 1 ID :	441009637378
Option 2 ID :	441009637377
Option 3 ID :	441009637379
Option 4 ID :	441009637380
Status :	Answered
Chosen Option :	2

Q.2	Amit's income in 2019 was ₹27,000. He gets an increment of 10% every year. What was his income (in ₹) in 2021?
Ans	<input checked="" type="checkbox"/> 1. 32,670 <input checked="" type="checkbox"/> 2. 32,400 <input checked="" type="checkbox"/> 3. 29,700 <input checked="" type="checkbox"/> 4. 27,000

Question Type :	MCQ
Question ID :	441009153619
Option 1 ID :	441009609646
Option 2 ID :	441009609648
Option 3 ID :	441009609647
Option 4 ID :	441009609649
Status :	Answered
Chosen Option :	1

Q.3	Which of the following ecosystems has very low temperatures and frozen soil?
Ans	<input checked="" type="checkbox"/> 1. Desert <input checked="" type="checkbox"/> 2. Tundra <input checked="" type="checkbox"/> 3. Grassland <input checked="" type="checkbox"/> 4. Tropical rainforest

Question Type :	MCQ
Question ID :	441009158547
Option 1 ID :	441009629123
Option 2 ID :	441009629124
Option 3 ID :	441009629126
Option 4 ID :	441009629125
Status :	Answered
Chosen Option :	2

Q.4	Which of the following devices is used to measure temperature?																
Ans	<input checked="" type="checkbox"/> 1. Hygrometer <input checked="" type="checkbox"/> 2. Voltmeter <input checked="" type="checkbox"/> 3. Odometer <input checked="" type="checkbox"/> 4. Thermometer																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154535</td></tr> <tr><td>Option 1 ID :</td><td>441009613303</td></tr> <tr><td>Option 2 ID :</td><td>441009613302</td></tr> <tr><td>Option 3 ID :</td><td>441009613305</td></tr> <tr><td>Option 4 ID :</td><td>441009613304</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>		Question Type :	MCQ	Question ID :	441009154535	Option 1 ID :	441009613303	Option 2 ID :	441009613302	Option 3 ID :	441009613305	Option 4 ID :	441009613304	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009154535																
Option 1 ID :	441009613303																
Option 2 ID :	441009613302																
Option 3 ID :	441009613305																
Option 4 ID :	441009613304																
Status :	Answered																
Chosen Option :	4																
Q.5	The area of a regular polygon with a side of 8 cm is 112 cm^2 . If the perpendicular distance from the centre to the side of the polygon is 7 cm, then the number of sides of the polygon is:																
Ans	<input checked="" type="checkbox"/> 1. 7 <input checked="" type="checkbox"/> 2. 5 <input checked="" type="checkbox"/> 3. 6 <input checked="" type="checkbox"/> 4. 4																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153672</td></tr> <tr><td>Option 1 ID :</td><td>441009609861</td></tr> <tr><td>Option 2 ID :</td><td>441009609859</td></tr> <tr><td>Option 3 ID :</td><td>441009609860</td></tr> <tr><td>Option 4 ID :</td><td>441009609858</td></tr> <tr><td>Status :</td><td>Not Answered</td></tr> <tr><td>Chosen Option :</td><td>--</td></tr> </table>		Question Type :	MCQ	Question ID :	441009153672	Option 1 ID :	441009609861	Option 2 ID :	441009609859	Option 3 ID :	441009609860	Option 4 ID :	441009609858	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009153672																
Option 1 ID :	441009609861																
Option 2 ID :	441009609859																
Option 3 ID :	441009609860																
Option 4 ID :	441009609858																
Status :	Not Answered																
Chosen Option :	--																
Q.6	Which of the following is the best way to identify workplace hazards?																
Ans	<input checked="" type="checkbox"/> 1. Conducting regular safety inspections <input checked="" type="checkbox"/> 2. Relying on employees to report accidents <input checked="" type="checkbox"/> 3. Ignoring small risks <input checked="" type="checkbox"/> 4. Waiting for an incident to occur																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156594</td></tr> <tr><td>Option 1 ID :</td><td>441009621539</td></tr> <tr><td>Option 2 ID :</td><td>441009621541</td></tr> <tr><td>Option 3 ID :</td><td>441009621540</td></tr> <tr><td>Option 4 ID :</td><td>441009621542</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>		Question Type :	MCQ	Question ID :	441009156594	Option 1 ID :	441009621539	Option 2 ID :	441009621541	Option 3 ID :	441009621540	Option 4 ID :	441009621542	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009156594																
Option 1 ID :	441009621539																
Option 2 ID :	441009621541																
Option 3 ID :	441009621540																
Option 4 ID :	441009621542																
Status :	Answered																
Chosen Option :	1																

Q.7	The areas of three adjacent faces of a solid cuboid are 216 cm^2 , 114 cm^2 and 19 cm^2 . What is the volume (in cm^3) of the cuboid?
Ans	<input checked="" type="checkbox"/> 1. 880 <input checked="" type="checkbox"/> 2. 684 <input checked="" type="checkbox"/> 3. 532 <input checked="" type="checkbox"/> 4. 955

Question Type :	MCQ
Question ID :	441009160927
Option 1 ID :	441009637414
Option 2 ID :	441009637413
Option 3 ID :	441009637416
Option 4 ID :	441009637415
Status :	Answered
Chosen Option :	2

Q.8	Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)
Ans	<input checked="" type="checkbox"/> 1. GMOT <input checked="" type="checkbox"/> 2. NTVB <input checked="" type="checkbox"/> 3. FLNS <input checked="" type="checkbox"/> 4. LRTY

Question Type :	MCQ
Question ID :	441009160826
Option 1 ID :	441009637031
Option 2 ID :	441009637029
Option 3 ID :	441009637028
Option 4 ID :	441009637030
Status :	Answered
Chosen Option :	4

Q.9	An ammeter has 20 divisions between 0 A and 2 A. The least count of ammeter is _____.
Ans	<input checked="" type="checkbox"/> 1. 2 A <input checked="" type="checkbox"/> 2. 0.1 A <input checked="" type="checkbox"/> 3. 0.2 A <input checked="" type="checkbox"/> 4. 1 A

Question Type :	MCQ
Question ID :	441009160707
Option 1 ID :	441009636614
Option 2 ID :	441009636613
Option 3 ID :	441009636615
Option 4 ID :	441009636616
Status :	Answered
Chosen Option :	2

Q.1 0	Which of the following is the work done by the gravitational force on the object of mass 50 kg when the object is moved from one point to another point along a horizontal line ($g = 10 \text{ m/s}^2$)?																
Ans	<input checked="" type="checkbox"/> 1. 50 J <input checked="" type="checkbox"/> 2. 500 J <input checked="" type="checkbox"/> 3. -500 J <input checked="" type="checkbox"/> 4. Zero																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160699</td></tr> <tr><td>Option 1 ID :</td><td>441009636583</td></tr> <tr><td>Option 2 ID :</td><td>441009636581</td></tr> <tr><td>Option 3 ID :</td><td>441009636582</td></tr> <tr><td>Option 4 ID :</td><td>441009636584</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>		Question Type :	MCQ	Question ID :	441009160699	Option 1 ID :	441009636583	Option 2 ID :	441009636581	Option 3 ID :	441009636582	Option 4 ID :	441009636584	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009160699																
Option 1 ID :	441009636583																
Option 2 ID :	441009636581																
Option 3 ID :	441009636582																
Option 4 ID :	441009636584																
Status :	Answered																
Chosen Option :	4																
Q.1 1	In a hospital, the ratio between the number of doctors and the number of nurses was 1 : 3. When 12 new doctors joined the hospital and 24 nurses left the hospital, the ratio became 3 : 4. After the resignation of k more nurses from the hospital, the ratio becomes 1 : 1. Find the value of k.																
Ans	<input checked="" type="checkbox"/> 1. 24 <input checked="" type="checkbox"/> 2. 26 <input checked="" type="checkbox"/> 3. 28 <input checked="" type="checkbox"/> 4. 12																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153645</td></tr> <tr><td>Option 1 ID :</td><td>441009609751</td></tr> <tr><td>Option 2 ID :</td><td>441009609752</td></tr> <tr><td>Option 3 ID :</td><td>441009609753</td></tr> <tr><td>Option 4 ID :</td><td>441009609750</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>		Question Type :	MCQ	Question ID :	441009153645	Option 1 ID :	441009609751	Option 2 ID :	441009609752	Option 3 ID :	441009609753	Option 4 ID :	441009609750	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009153645																
Option 1 ID :	441009609751																
Option 2 ID :	441009609752																
Option 3 ID :	441009609753																
Option 4 ID :	441009609750																
Status :	Answered																
Chosen Option :	4																
Q.1 2	On which of the following factors does the resistivity of a conductor depend?																
Ans	<input checked="" type="checkbox"/> 1. Mass of the conductor <input checked="" type="checkbox"/> 2. Area of the conductor <input checked="" type="checkbox"/> 3. Nature of the conductor <input checked="" type="checkbox"/> 4. Diameter of the conductor																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153538</td></tr> <tr><td>Option 1 ID :</td><td>441009609325</td></tr> <tr><td>Option 2 ID :</td><td>441009609324</td></tr> <tr><td>Option 3 ID :</td><td>441009609323</td></tr> <tr><td>Option 4 ID :</td><td>441009609322</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>		Question Type :	MCQ	Question ID :	441009153538	Option 1 ID :	441009609325	Option 2 ID :	441009609324	Option 3 ID :	441009609323	Option 4 ID :	441009609322	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009153538																
Option 1 ID :	441009609325																
Option 2 ID :	441009609324																
Option 3 ID :	441009609323																
Option 4 ID :	441009609322																
Status :	Answered																
Chosen Option :	3																

<p>Q.1 3</p>	<p>Which of the following is a geometrical figure with a three-dimensional geometry that has eight vertices and six rectangular faces?</p>
<p>Ans</p>	<p><input type="checkbox"/> 1. Cylinder</p> <p><input type="checkbox"/> 2. Pyramid</p> <p><input checked="" type="checkbox"/> 3. Cuboid</p> <p><input type="checkbox"/> 4. Parallelogram</p>

Question Type : MCQ
Question ID : 441009156543
Option 1 ID : 441009621335
Option 2 ID : 441009621338
Option 3 ID : 441009621337
Option 4 ID : 441009621336
Status : Answered
Chosen Option : 3

<p>Q.1 4</p>	<p>In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Which numbers should replace X and Y so that the pattern followed by the two numbers on the left side of :: is same as that on the right side of ::?</p> <p>(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)</p> <p>X : 85 :: 36 : Y</p>
<p>Ans</p>	<p><input type="checkbox"/> 1. X = 44, Y = 73</p> <p><input checked="" type="checkbox"/> 2. X = 42, Y = 73</p> <p><input type="checkbox"/> 3. X = 42, Y = 71</p> <p><input type="checkbox"/> 4. X = 43, Y = 77</p>

Question Type : MCQ
Question ID : 441009155598
Option 1 ID : 441009617559
Option 2 ID : 441009617560
Option 3 ID : 441009617562
Option 4 ID : 441009617561
Status : Answered
Chosen Option : 2

Q.1
5 The average of 5 results is 51 and that of the first 4 is 50. The 5th result is ____.

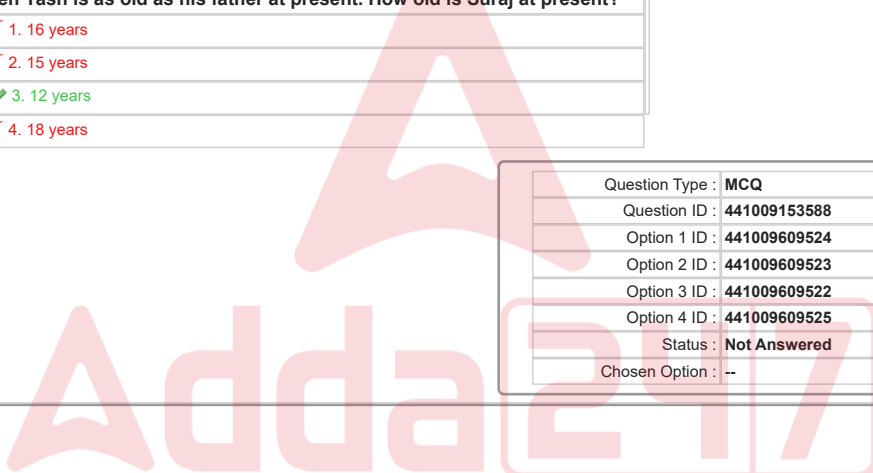
Ans ✓ 1. 55
 ✗ 2. 54
 ✗ 3. 50
 ✗ 4. 51

Question Type :	MCQ
Question ID :	441009153628
Option 1 ID :	441009609682
Option 2 ID :	441009609685
Option 3 ID :	441009609684
Option 4 ID :	441009609683
Status :	Answered
Chosen Option :	1

Q.1
6 The sum of the ages of Yash and his father is 90 years. When Yash is as old as his father's present age, he will be five times as old as his son Suraj's present age. Suraj will be 12 years older than Yash's present age, when Yash is as old as his father at present. How old is Suraj at present?

Ans ✗ 1. 16 years
 ✗ 2. 15 years
 ✓ 3. 12 years
 ✗ 4. 18 years

Question Type :	MCQ
Question ID :	441009153588
Option 1 ID :	441009609524
Option 2 ID :	441009609523
Option 3 ID :	441009609522
Option 4 ID :	441009609525
Status :	Not Answered
Chosen Option :	--



Q.1 A, B, C, D, E and F live on six different floors of the same building. The lowestmost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor is numbered 6. D lives on an odd-numbered floor but not 3. The sum of floors on which D and E live is 7. A lives immediately below C. F lives on the top floor. How many people live between E and F?

- Ans
- 1. 1
 - 2. 3
 - 3. 4
 - 4. 2

Question Type :	MCQ
Question ID :	441009155660
Option 1 ID :	441009617807
Option 2 ID :	441009617809
Option 3 ID :	441009617810
Option 4 ID :	441009617808
Status :	Answered
Chosen Option :	2

Q.1 In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

PCO MEM JGK GIJ DKG AME

- Ans
- 1. AME
 - 2. JGK
 - 3. GIJ
 - 4. DKG

Question Type :	MCQ
Question ID :	441009155649
Option 1 ID :	441009617766
Option 2 ID :	441009617763
Option 3 ID :	441009617764
Option 4 ID :	441009617765
Status :	Answered
Chosen Option :	3

Q.1 9	A cistern has two inlets I_1 and I_2 . I_1 alone can fill it in 8 hours and I_2 in 4 hours. If both the inlets are open, what will be the time required to fill the cistern.																
Ans	<input type="checkbox"/> 1. $4\frac{2}{3}$ hours <input type="checkbox"/> 2. $3\frac{2}{3}$ hours <input checked="" type="checkbox"/> 3. $2\frac{2}{3}$ hours <input type="checkbox"/> 4. 2 hours																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153650</td></tr> <tr><td>Option 1 ID :</td><td>441009609770</td></tr> <tr><td>Option 2 ID :</td><td>441009609771</td></tr> <tr><td>Option 3 ID :</td><td>441009609772</td></tr> <tr><td>Option 4 ID :</td><td>441009609773</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>		Question Type :	MCQ	Question ID :	441009153650	Option 1 ID :	441009609770	Option 2 ID :	441009609771	Option 3 ID :	441009609772	Option 4 ID :	441009609773	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009153650																
Option 1 ID :	441009609770																
Option 2 ID :	441009609771																
Option 3 ID :	441009609772																
Option 4 ID :	441009609773																
Status :	Answered																
Chosen Option :	3																
Q.2 0	Which of the following statements is/are true? Statement 1: Heat conductors allow heat to pass through them easily. Statement 2: All plastics are good conductors of heat.																
Ans	<input type="checkbox"/> 1. Only statement 2 <input type="checkbox"/> 2. Both statements 1 and 2 <input checked="" type="checkbox"/> 3. Only statement 1 <input type="checkbox"/> 4. Neither statement 1 nor 2																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154524</td></tr> <tr><td>Option 1 ID :</td><td>441009613259</td></tr> <tr><td>Option 2 ID :</td><td>441009613260</td></tr> <tr><td>Option 3 ID :</td><td>441009613258</td></tr> <tr><td>Option 4 ID :</td><td>441009613261</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>		Question Type :	MCQ	Question ID :	441009154524	Option 1 ID :	441009613259	Option 2 ID :	441009613260	Option 3 ID :	441009613258	Option 4 ID :	441009613261	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009154524																
Option 1 ID :	441009613259																
Option 2 ID :	441009613260																
Option 3 ID :	441009613258																
Option 4 ID :	441009613261																
Status :	Answered																
Chosen Option :	3																

Q.2 Refer to the following letter and symbol series and answer the question that follows.
1 Counting to be done from left to right only.
 (Left) L R Ω Y A \$ K ^ T J # Q & # E % S U * £ B (Right)
 How many such symbols are there, each of which is immediately preceded by a vowel and also immediately followed by a letter?

Ans 1. One
 2. Two
 3. Four
 4. Three

Question Type :	MCQ
Question ID :	441009155616
Option 1 ID :	441009617631
Option 2 ID :	441009617632
Option 3 ID :	441009617634
Option 4 ID :	441009617633
Status :	Answered
Chosen Option :	2

Q.2 From a rectangular cardboard sheet of length 46 m and breadth 8 m, three circular plates of radii 3 m, 2 m and 1 m are cut out. If the area of the remaining part of the cardboard sheet is equal to the area of a square, then find the length of each side of the square (use $\pi = \frac{22}{7}$).

Ans 1. 16 m
 2. 18 m
 3. 20 m
 4. 14 m

Question Type :	MCQ
Question ID :	441009153676
Option 1 ID :	441009609875
Option 2 ID :	441009609876
Option 3 ID :	441009609877
Option 4 ID :	441009609874
Status :	Answered
Chosen Option :	2

<p>Q.2 3</p>	<p>Which of the following statements regarding the use of a fire extinguisher is/are correct? Statement 1: It is safe to attempt to extinguish any fire regardless of the presence of toxic smoke. Statement 2: The P.A.S.S. technique, which stands for Pull, Aim, Squeeze and Sweep, is recommended for the effective use of a fire extinguisher.</p>																	
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. Only Statement 2 is correct.</p> <p><input type="checkbox"/> 2. Only Statement 1 is correct.</p> <p><input type="checkbox"/> 3. Neither Statement 1 nor 2 is correct.</p> <p><input type="checkbox"/> 4. Both Statements 1 and 2 are correct.</p>																	
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156616</td></tr> <tr><td>Option 1 ID :</td><td>441009621628</td></tr> <tr><td>Option 2 ID :</td><td>441009621627</td></tr> <tr><td>Option 3 ID :</td><td>441009621630</td></tr> <tr><td>Option 4 ID :</td><td>441009621629</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>			Question Type :	MCQ	Question ID :	441009156616	Option 1 ID :	441009621628	Option 2 ID :	441009621627	Option 3 ID :	441009621630	Option 4 ID :	441009621629	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																	
Question ID :	441009156616																	
Option 1 ID :	441009621628																	
Option 2 ID :	441009621627																	
Option 3 ID :	441009621630																	
Option 4 ID :	441009621629																	
Status :	Answered																	
Chosen Option :	1																	
<p>Q.2 4</p>	<p>What is the total circuit resistance if it contains resistors 10 Ω, 20 Ω and 60 Ω, connected in parallel?</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. 90 Ω</p> <p><input checked="" type="checkbox"/> 2. 6 Ω</p> <p><input type="checkbox"/> 3. 60 Ω</p> <p><input type="checkbox"/> 4. 20 Ω</p>																	
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160690</td></tr> <tr><td>Option 1 ID :</td><td>441009636547</td></tr> <tr><td>Option 2 ID :</td><td>441009636545</td></tr> <tr><td>Option 3 ID :</td><td>441009636546</td></tr> <tr><td>Option 4 ID :</td><td>441009636548</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>			Question Type :	MCQ	Question ID :	441009160690	Option 1 ID :	441009636547	Option 2 ID :	441009636545	Option 3 ID :	441009636546	Option 4 ID :	441009636548	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																	
Question ID :	441009160690																	
Option 1 ID :	441009636547																	
Option 2 ID :	441009636545																	
Option 3 ID :	441009636546																	
Option 4 ID :	441009636548																	
Status :	Answered																	
Chosen Option :	2																	
<p>Q.2 5</p>	<p>The average of three numbers is 20. If two numbers are 16 and 24, the third number is:</p>																	
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. 20</p> <p><input type="checkbox"/> 2. 22</p> <p><input type="checkbox"/> 3. 21</p> <p><input type="checkbox"/> 4. 19</p>																	
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153633</td></tr> <tr><td>Option 1 ID :</td><td>441009609702</td></tr> <tr><td>Option 2 ID :</td><td>441009609705</td></tr> <tr><td>Option 3 ID :</td><td>441009609704</td></tr> <tr><td>Option 4 ID :</td><td>441009609703</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>			Question Type :	MCQ	Question ID :	441009153633	Option 1 ID :	441009609702	Option 2 ID :	441009609705	Option 3 ID :	441009609704	Option 4 ID :	441009609703	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																	
Question ID :	441009153633																	
Option 1 ID :	441009609702																	
Option 2 ID :	441009609705																	
Option 3 ID :	441009609704																	
Option 4 ID :	441009609703																	
Status :	Answered																	
Chosen Option :	1																	

<p>Q.2 6</p>	<p>Convert 1 kilowatt hour (kW h) into joule.</p>																
<p>Ans</p>	<p> <input checked="" type="checkbox"/> 1. $1 \text{ kW h} = 3.6 \times 10^7 \text{ J}$ <input checked="" type="checkbox"/> 2. $1 \text{ kW h} = 3.6 \times 10^5 \text{ J}$ <input checked="" type="checkbox"/> 3. $1 \text{ kW h} = 3.6 \times 10^3 \text{ J}$ <input checked="" type="checkbox"/> 4. $1 \text{ kW h} = 3.6 \times 10^6 \text{ J}$ </p>																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153504</td></tr> <tr><td>Option 1 ID :</td><td>441009609188</td></tr> <tr><td>Option 2 ID :</td><td>441009609189</td></tr> <tr><td>Option 3 ID :</td><td>441009609187</td></tr> <tr><td>Option 4 ID :</td><td>441009609186</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>		Question Type :	MCQ	Question ID :	441009153504	Option 1 ID :	441009609188	Option 2 ID :	441009609189	Option 3 ID :	441009609187	Option 4 ID :	441009609186	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009153504																
Option 1 ID :	441009609188																
Option 2 ID :	441009609189																
Option 3 ID :	441009609187																
Option 4 ID :	441009609186																
Status :	Answered																
Chosen Option :	4																
<p>Q.2 7</p>	<p>Ten people are sitting in two parallel rows with five people each in such a way that there is equal distance between adjacent persons. In row I, A, B, C, D and E are seated and all of them are facing south. In row II, R, S, T, U and V are seated and all of them are facing north. Thus each person faces another person from the other row. A sits at the extreme right end of their row and is facing U. R sits at the centre of their row and is facing C. E sits between C and D and is facing T. S sits at the extreme right end of their row.</p> <p>Who sits exactly opposite B?</p>																
<p>Ans</p>	<p> <input checked="" type="checkbox"/> 1. T <input checked="" type="checkbox"/> 2. U <input checked="" type="checkbox"/> 3. R <input checked="" type="checkbox"/> 4. V </p>																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155665</td></tr> <tr><td>Option 1 ID :</td><td>441009617830</td></tr> <tr><td>Option 2 ID :</td><td>441009617828</td></tr> <tr><td>Option 3 ID :</td><td>441009617829</td></tr> <tr><td>Option 4 ID :</td><td>441009617827</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>		Question Type :	MCQ	Question ID :	441009155665	Option 1 ID :	441009617830	Option 2 ID :	441009617828	Option 3 ID :	441009617829	Option 4 ID :	441009617827	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009155665																
Option 1 ID :	441009617830																
Option 2 ID :	441009617828																
Option 3 ID :	441009617829																
Option 4 ID :	441009617827																
Status :	Answered																
Chosen Option :	4																

Q.2	Which of the following is true?																
8																	
Ans	<input checked="" type="checkbox"/> 1. Wood is a good conductor of heat. <input checked="" type="checkbox"/> 2. Both insulators and conductors allow heat to pass through them easily. <input checked="" type="checkbox"/> 3. In a kitchen, aluminium vessels are used because aluminium is a good conductor of heat. <input checked="" type="checkbox"/> 4. Plastic is a good conductor of heat.																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160722</td></tr> <tr><td>Option 1 ID :</td><td>441009636676</td></tr> <tr><td>Option 2 ID :</td><td>441009636674</td></tr> <tr><td>Option 3 ID :</td><td>441009636675</td></tr> <tr><td>Option 4 ID :</td><td>441009636673</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>		Question Type :	MCQ	Question ID :	441009160722	Option 1 ID :	441009636676	Option 2 ID :	441009636674	Option 3 ID :	441009636675	Option 4 ID :	441009636673	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009160722																
Option 1 ID :	441009636676																
Option 2 ID :	441009636674																
Option 3 ID :	441009636675																
Option 4 ID :	441009636673																
Status :	Answered																
Chosen Option :	3																
Q.2	Vijay rides a bicycle 10 m from home to his tuition, then 5 m to a shop. He travels back home the same way, covering the same distance. What is his total path length?																
9																	
Ans	<input checked="" type="checkbox"/> 1. 30 m <input checked="" type="checkbox"/> 2. Zero <input checked="" type="checkbox"/> 3. 20 m <input checked="" type="checkbox"/> 4. 15 m																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153495</td></tr> <tr><td>Option 1 ID :</td><td>441009609150</td></tr> <tr><td>Option 2 ID :</td><td>441009609151</td></tr> <tr><td>Option 3 ID :</td><td>441009609153</td></tr> <tr><td>Option 4 ID :</td><td>441009609152</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>		Question Type :	MCQ	Question ID :	441009153495	Option 1 ID :	441009609150	Option 2 ID :	441009609151	Option 3 ID :	441009609153	Option 4 ID :	441009609152	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009153495																
Option 1 ID :	441009609150																
Option 2 ID :	441009609151																
Option 3 ID :	441009609153																
Option 4 ID :	441009609152																
Status :	Answered																
Chosen Option :	1																
Q.3	What should come in place of the question mark (?) in the given series?																
0																	
	893 891 889 887 ? 883																
Ans	<input checked="" type="checkbox"/> 1. 885 <input checked="" type="checkbox"/> 2. 986 <input checked="" type="checkbox"/> 3. 886 <input checked="" type="checkbox"/> 4. 985																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160816</td></tr> <tr><td>Option 1 ID :</td><td>441009636989</td></tr> <tr><td>Option 2 ID :</td><td>441009636990</td></tr> <tr><td>Option 3 ID :</td><td>441009636988</td></tr> <tr><td>Option 4 ID :</td><td>441009636991</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>		Question Type :	MCQ	Question ID :	441009160816	Option 1 ID :	441009636989	Option 2 ID :	441009636990	Option 3 ID :	441009636988	Option 4 ID :	441009636991	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009160816																
Option 1 ID :	441009636989																
Option 2 ID :	441009636990																
Option 3 ID :	441009636988																
Option 4 ID :	441009636991																
Status :	Answered																
Chosen Option :	1																

Q.3 1	Work done is defined in science as _____.																
Ans	<div style="display: flex; align-items: center; margin-bottom: 5px;"> ✗ 1. $\frac{\text{force}}{\text{displacement}}$ </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> ✗ 2. force \times distance </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> ✓ 3. force \times displacement </div> <div style="display: flex; align-items: center;"> ✗ 4. $\frac{\text{force}}{\text{distance}}$ </div>																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153502</td></tr> <tr><td>Option 1 ID :</td><td>441009609180</td></tr> <tr><td>Option 2 ID :</td><td>441009609179</td></tr> <tr><td>Option 3 ID :</td><td>441009609178</td></tr> <tr><td>Option 4 ID :</td><td>441009609181</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>		Question Type :	MCQ	Question ID :	441009153502	Option 1 ID :	441009609180	Option 2 ID :	441009609179	Option 3 ID :	441009609178	Option 4 ID :	441009609181	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009153502																
Option 1 ID :	441009609180																
Option 2 ID :	441009609179																
Option 3 ID :	441009609178																
Option 4 ID :	441009609181																
Status :	Answered																
Chosen Option :	3																
Q.3 2	What is the term used to describe organisms that produce their own food in an ecosystem?																
Ans	<div style="display: flex; align-items: center; margin-bottom: 5px;"> ✗ 1. Decomposers </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> ✗ 2. Consumers </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> ✓ 3. Producers </div> <div style="display: flex; align-items: center;"> ✗ 4. Herbivores </div>																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009158548</td></tr> <tr><td>Option 1 ID :</td><td>441009629129</td></tr> <tr><td>Option 2 ID :</td><td>441009629130</td></tr> <tr><td>Option 3 ID :</td><td>441009629127</td></tr> <tr><td>Option 4 ID :</td><td>441009629128</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>		Question Type :	MCQ	Question ID :	441009158548	Option 1 ID :	441009629129	Option 2 ID :	441009629130	Option 3 ID :	441009629127	Option 4 ID :	441009629128	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009158548																
Option 1 ID :	441009629129																
Option 2 ID :	441009629130																
Option 3 ID :	441009629127																
Option 4 ID :	441009629128																
Status :	Answered																
Chosen Option :	3																

<p>Q.3 3</p>	<p>Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)</p>
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. JQ – SY</p> <p><input checked="" type="checkbox"/> 2. GN – PV</p> <p><input checked="" type="checkbox"/> 3. AH – JR</p> <p><input checked="" type="checkbox"/> 4. HO – QW</p>

Question Type :	MCQ
Question ID :	441009155647
Option 1 ID :	441009617758
Option 2 ID :	441009617755
Option 3 ID :	441009617756
Option 4 ID :	441009617757
Status :	Answered
Chosen Option :	3

<p>Q.3 4</p>	<p>Which of the following statements about geometric figures is/are true? 1. Geometric shapes are enclosed figures made by joining two or more points, lines, or curves. 2. Geometric shapes are always open-ended and made up of only straight lines.</p>
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. Neither statement 1 nor 2 is true</p> <p><input checked="" type="checkbox"/> 2. Only statement 1 is true</p> <p><input checked="" type="checkbox"/> 3. Only statement 2 is true</p> <p><input checked="" type="checkbox"/> 4. Both statements 1 and 2 are true</p>

Question Type :	MCQ
Question ID :	441009156559
Option 1 ID :	441009621402
Option 2 ID :	441009621399
Option 3 ID :	441009621400
Option 4 ID :	441009621401
Status :	Answered
Chosen Option :	2

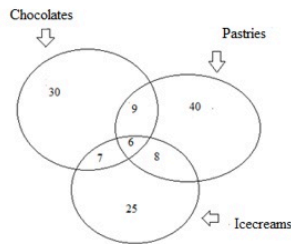
<p>Q.3 5</p>	<p>In the following triad, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.</p> <p>TERM-ERTM-TMRE</p>
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. USER-RESU-REUS</p> <p><input checked="" type="checkbox"/> 2. WHEN-HWEN-WENH</p> <p><input checked="" type="checkbox"/> 3. ZERO-EZRO-ZREO</p> <p><input checked="" type="checkbox"/> 4. VICE-ICVE-VECI</p>

Question Type : MCQ
Question ID : 441009160831
Option 1 ID : 441009637049
Option 2 ID : 441009637050
Option 3 ID : 441009637051
Option 4 ID : 441009637048
Status : Answered
Chosen Option : 4

<p>Q.3 6</p>	<p>Which of the following is a supplementary protocol that allows non-ASCII data to be sent through e-mail?</p>
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. Mailing Lists</p> <p><input checked="" type="checkbox"/> 2. Multipurpose Internet Mail Extensions (MIME)</p> <p><input checked="" type="checkbox"/> 3. DNS</p> <p><input checked="" type="checkbox"/> 4. HTTPS</p>

Question Type : MCQ
Question ID : 441009160893
Option 1 ID : 441009637277
Option 2 ID : 441009637280
Option 3 ID : 441009637278
Option 4 ID : 441009637279
Status : Answered
Chosen Option : 2

Q.3
7 Study the given diagram carefully and answer the question that follows. The numbers in different sections indicate the number of children preferring different desserts.



How many children prefer both pastries and ice creams but NOT chocolates?

- Ans**
- 1. 8
 - 2. 6
 - 3. 7
 - 4. 9

Question Type : **MCQ**

Question ID : **441009160836**

Option 1 ID : **441009637070**

Option 2 ID : **441009637068**

Option 3 ID : **441009637069**

Option 4 ID : **441009637071**

Status : **Answered**

Chosen Option : 1

Q.3
8 What does the symbol given below denote in a circuit diagram?



- Ans**
- 1. Variable resistor
 - 2. Voltmeter
 - 3. Resistor
 - 4. Voltage source

Question Type : **MCQ**

Question ID : **441009160703**

Option 1 ID : **441009636599**

Option 2 ID : **441009636598**

Option 3 ID : **441009636597**

Option 4 ID : **441009636600**

Status : **Answered**

Chosen Option : 1

Q.3	Which of the following noise levels is considered potentially harmful to human health if experienced over extended periods?
Ans	<input checked="" type="checkbox"/> 1. 50 dB <input checked="" type="checkbox"/> 2. 70 dB <input checked="" type="checkbox"/> 3. 30 dB <input checked="" type="checkbox"/> 4. 90 dB

Question Type :	MCQ
Question ID :	441009158544
Option 1 ID :	441009629112
Option 2 ID :	441009629114
Option 3 ID :	441009629111
Option 4 ID :	441009629113
Status :	Answered
Chosen Option :	2

Q.4	Which of the following statements is/are true about Functional Dimensions (F) in engineering drawing?
	<p>Statement 1: Functional Dimensions are essential to the function of the component or space.</p> <p>Statement 2: Functional Dimensions are typically shown without limits.</p> <p>Statement 3: Functional Dimensions are only shown for reference purposes.</p>
Ans	<input checked="" type="checkbox"/> 1. Only statement 1 is true <input checked="" type="checkbox"/> 2. Only statements 1 and 2 are true <input checked="" type="checkbox"/> 3. Only statements 2 and 3 are true <input checked="" type="checkbox"/> 4. Only statement 3 is true

Question Type :	MCQ
Question ID :	441009156568
Option 1 ID :	441009621435
Option 2 ID :	441009621436
Option 3 ID :	441009621437
Option 4 ID :	441009621438
Status :	Answered
Chosen Option :	4

<p>Q.4 1</p>	<p>In a certain code language, 'A + B' means 'A is the mother of B', 'A - B' means 'A is the brother of B', 'A × B' means 'A is the wife of B' and 'A & B' means 'A is the father of B'. How is E related to T if 'E & F + G - H × T'?</p>																	
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. Wife's mother's brother</p> <p><input checked="" type="checkbox"/> 2. Wife's father</p> <p><input checked="" type="checkbox"/> 3. Wife's mother's father</p> <p><input checked="" type="checkbox"/> 4. Wife's brother</p>																	
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160829</td></tr> <tr><td>Option 1 ID :</td><td>441009637042</td></tr> <tr><td>Option 2 ID :</td><td>441009637043</td></tr> <tr><td>Option 3 ID :</td><td>441009637040</td></tr> <tr><td>Option 4 ID :</td><td>441009637041</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>			Question Type :	MCQ	Question ID :	441009160829	Option 1 ID :	441009637042	Option 2 ID :	441009637043	Option 3 ID :	441009637040	Option 4 ID :	441009637041	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																	
Question ID :	441009160829																	
Option 1 ID :	441009637042																	
Option 2 ID :	441009637043																	
Option 3 ID :	441009637040																	
Option 4 ID :	441009637041																	
Status :	Answered																	
Chosen Option :	3																	
<p>Q.4 2</p>	<p>According to the ISO-A size series, what is the designation of a trimmed sheet with dimensions 297 mm × 420 mm?</p>																	
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. A1</p> <p><input checked="" type="checkbox"/> 2. A3</p> <p><input checked="" type="checkbox"/> 3. A2</p> <p><input checked="" type="checkbox"/> 4. A4</p>																	
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156565</td></tr> <tr><td>Option 1 ID :</td><td>441009621423</td></tr> <tr><td>Option 2 ID :</td><td>441009621425</td></tr> <tr><td>Option 3 ID :</td><td>441009621424</td></tr> <tr><td>Option 4 ID :</td><td>441009621426</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>			Question Type :	MCQ	Question ID :	441009156565	Option 1 ID :	441009621423	Option 2 ID :	441009621425	Option 3 ID :	441009621424	Option 4 ID :	441009621426	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																	
Question ID :	441009156565																	
Option 1 ID :	441009621423																	
Option 2 ID :	441009621425																	
Option 3 ID :	441009621424																	
Option 4 ID :	441009621426																	
Status :	Answered																	
Chosen Option :	2																	

Q.4 3	The weight of an object on Earth is 60 N. What is its weight on the surface of the moon?																
Ans	<input checked="" type="checkbox"/> 1. 10 N <input type="checkbox"/> 2. 6 N <input type="checkbox"/> 3. 600 N <input type="checkbox"/> 4. 60 N																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153487</td></tr> <tr><td>Option 1 ID :</td><td>441009609120</td></tr> <tr><td>Option 2 ID :</td><td>441009609121</td></tr> <tr><td>Option 3 ID :</td><td>441009609119</td></tr> <tr><td>Option 4 ID :</td><td>441009609118</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>		Question Type :	MCQ	Question ID :	441009153487	Option 1 ID :	441009609120	Option 2 ID :	441009609121	Option 3 ID :	441009609119	Option 4 ID :	441009609118	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009153487																
Option 1 ID :	441009609120																
Option 2 ID :	441009609121																
Option 3 ID :	441009609119																
Option 4 ID :	441009609118																
Status :	Answered																
Chosen Option :	1																
Q.4 4	What is the primary source of energy for most of the ecosystems?																
Ans	<input type="checkbox"/> 1. Wind <input type="checkbox"/> 2. Soil <input checked="" type="checkbox"/> 3. Sunlight <input type="checkbox"/> 4. Water																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009158549</td></tr> <tr><td>Option 1 ID :</td><td>441009629134</td></tr> <tr><td>Option 2 ID :</td><td>441009629131</td></tr> <tr><td>Option 3 ID :</td><td>441009629133</td></tr> <tr><td>Option 4 ID :</td><td>441009629132</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>		Question Type :	MCQ	Question ID :	441009158549	Option 1 ID :	441009629134	Option 2 ID :	441009629131	Option 3 ID :	441009629133	Option 4 ID :	441009629132	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009158549																
Option 1 ID :	441009629134																
Option 2 ID :	441009629131																
Option 3 ID :	441009629133																
Option 4 ID :	441009629132																
Status :	Answered																
Chosen Option :	3																
Q.4 5	Which of the following relations is NOT correct?																
Ans	<input checked="" type="checkbox"/> 1. Electric Power = Voltage / Current <input type="checkbox"/> 2. Electric Power = (Current) ² × Resistance <input type="checkbox"/> 3. Electric Power = Voltage × Current <input type="checkbox"/> 4. Electric Power = (Voltage) ² / Resistance																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153515</td></tr> <tr><td>Option 1 ID :</td><td>441009609233</td></tr> <tr><td>Option 2 ID :</td><td>441009609231</td></tr> <tr><td>Option 3 ID :</td><td>441009609230</td></tr> <tr><td>Option 4 ID :</td><td>441009609232</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>		Question Type :	MCQ	Question ID :	441009153515	Option 1 ID :	441009609233	Option 2 ID :	441009609231	Option 3 ID :	441009609230	Option 4 ID :	441009609232	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009153515																
Option 1 ID :	441009609233																
Option 2 ID :	441009609231																
Option 3 ID :	441009609230																
Option 4 ID :	441009609232																
Status :	Answered																
Chosen Option :	3																

<p>Q.4 6</p>	<p>Ganpat starts from Point A and walks 18 m towards west. He takes a left turn, walks 32 m, takes a left turn, walks 26 m, turns left, walks 61 m and stops at Point B. Meena starts from Point Z, which is 22 m towards the east of Point A. She walks 42 m towards north, takes a right turn, walks 35 m, turns right and walks 13 m and stops at Point Y. What is the shortest distance between Point B and Point Y? (All turns are 90-degree turns only.)</p>																	
<p>Ans</p>	<p>✓ 1. 49 m</p> <p>✗ 2. 43 m</p> <p>✗ 3. 52 m</p> <p>✗ 4. 57 m</p>																	
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160824</td></tr> <tr><td>Option 1 ID :</td><td>441009637021</td></tr> <tr><td>Option 2 ID :</td><td>441009637022</td></tr> <tr><td>Option 3 ID :</td><td>441009637023</td></tr> <tr><td>Option 4 ID :</td><td>441009637020</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>			Question Type :	MCQ	Question ID :	441009160824	Option 1 ID :	441009637021	Option 2 ID :	441009637022	Option 3 ID :	441009637023	Option 4 ID :	441009637020	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																	
Question ID :	441009160824																	
Option 1 ID :	441009637021																	
Option 2 ID :	441009637022																	
Option 3 ID :	441009637023																	
Option 4 ID :	441009637020																	
Status :	Answered																	
Chosen Option :	1																	
<p>Q.4 7</p>	<p>Match the columns.</p> <p>Engineering Applications Type of Engineering Drawings</p> <p>A) Plan, front elevation of homes to be built, foundation drawings P) Mechanical Engineering Drawings</p> <p>B) Circuit diagrams and Electrical installation drawings Q) Electronics Engineering drawings</p> <p>C) PCB tracks drawings R) Electrical Engineering drawings</p> <p>D) Riveted joints and Welded joints S) Civil Engineering drawings</p>																	
<p>Ans</p>	<p>✗ 1. A-P ; B-R ; C-Q ; D-S</p> <p>✗ 2. A-S ; B-P ; C-Q ; D-R</p> <p>✓ 3. A-S ; B-R ; C-Q ; D-P</p> <p>✗ 4. A-S ; B-R ; C-P ; D-Q</p>																	
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156554</td></tr> <tr><td>Option 1 ID :</td><td>441009621381</td></tr> <tr><td>Option 2 ID :</td><td>441009621382</td></tr> <tr><td>Option 3 ID :</td><td>441009621379</td></tr> <tr><td>Option 4 ID :</td><td>441009621380</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>			Question Type :	MCQ	Question ID :	441009156554	Option 1 ID :	441009621381	Option 2 ID :	441009621382	Option 3 ID :	441009621379	Option 4 ID :	441009621380	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																	
Question ID :	441009156554																	
Option 1 ID :	441009621381																	
Option 2 ID :	441009621382																	
Option 3 ID :	441009621379																	
Option 4 ID :	441009621380																	
Status :	Answered																	
Chosen Option :	3																	

Q.4 8	The rate of doing work is known as _____.																	
Ans	<input checked="" type="checkbox"/> 1. potential energy <input checked="" type="checkbox"/> 2. power <input checked="" type="checkbox"/> 3. kinetic energy <input checked="" type="checkbox"/> 4. force																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153497</td></tr> <tr><td>Option 1 ID :</td><td>441009609160</td></tr> <tr><td>Option 2 ID :</td><td>441009609158</td></tr> <tr><td>Option 3 ID :</td><td>441009609159</td></tr> <tr><td>Option 4 ID :</td><td>441009609161</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>	Question Type :	MCQ	Question ID :	441009153497	Option 1 ID :	441009609160	Option 2 ID :	441009609158	Option 3 ID :	441009609159	Option 4 ID :	441009609161	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																	
Question ID :	441009153497																	
Option 1 ID :	441009609160																	
Option 2 ID :	441009609158																	
Option 3 ID :	441009609159																	
Option 4 ID :	441009609161																	
Status :	Answered																	
Chosen Option :	2																	
Q.4 9	How many base units are used to measure the physical quantities, according to SI units system?																	
Ans	<input checked="" type="checkbox"/> 1. 4 <input checked="" type="checkbox"/> 2. 10 <input checked="" type="checkbox"/> 3. 7 <input checked="" type="checkbox"/> 4. 5																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153571</td></tr> <tr><td>Option 1 ID :</td><td>441009609455</td></tr> <tr><td>Option 2 ID :</td><td>441009609454</td></tr> <tr><td>Option 3 ID :</td><td>441009609457</td></tr> <tr><td>Option 4 ID :</td><td>441009609456</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>	Question Type :	MCQ	Question ID :	441009153571	Option 1 ID :	441009609455	Option 2 ID :	441009609454	Option 3 ID :	441009609457	Option 4 ID :	441009609456	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																	
Question ID :	441009153571																	
Option 1 ID :	441009609455																	
Option 2 ID :	441009609454																	
Option 3 ID :	441009609457																	
Option 4 ID :	441009609456																	
Status :	Answered																	
Chosen Option :	3																	
Q.5 0	In hot climate regions, the outer walls of the house are preferred to be white in colour because _____.																	
Ans	<input checked="" type="checkbox"/> 1. white colour reflects sunlight to make the interior of the house cool <input checked="" type="checkbox"/> 2. white colour absorbs more sunlight to make the house bright <input checked="" type="checkbox"/> 3. white colour looks good <input checked="" type="checkbox"/> 4. white colour makes the wall more durable																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154522</td></tr> <tr><td>Option 1 ID :</td><td>441009613253</td></tr> <tr><td>Option 2 ID :</td><td>441009613252</td></tr> <tr><td>Option 3 ID :</td><td>441009613250</td></tr> <tr><td>Option 4 ID :</td><td>441009613251</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>	Question Type :	MCQ	Question ID :	441009154522	Option 1 ID :	441009613253	Option 2 ID :	441009613252	Option 3 ID :	441009613250	Option 4 ID :	441009613251	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																	
Question ID :	441009154522																	
Option 1 ID :	441009613253																	
Option 2 ID :	441009613252																	
Option 3 ID :	441009613250																	
Option 4 ID :	441009613251																	
Status :	Answered																	
Chosen Option :	1																	

Q.5 A 280 m long train running at a speed of 72 km/hr passes a platform in 30 seconds. Find the length of the platform (in m).

- Ans**
- 1. 280
 - 2. 300
 - 3. 335
 - 4. 320

Question Type :	MCQ
Question ID :	441009153605
Option 1 ID :	441009609592
Option 2 ID :	441009609591
Option 3 ID :	441009609593
Option 4 ID :	441009609590
Status :	Answered
Chosen Option :	4

Q.5 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: HDI :: MIN : %

- Ans**
- 1. # = JFK, % = KHL
 - 2. # = JFK, % = KGL
 - 3. # = JFI, % = KGL
 - 4. # = JFK, % = KGM

Question Type :	MCQ
Question ID :	441009155621
Option 1 ID :	441009617654
Option 2 ID :	441009617651
Option 3 ID :	441009617653
Option 4 ID :	441009617652
Status :	Answered
Chosen Option :	2

Q.5 Which of the following statements is correct about negative work done?

- Ans**
- 1. Work done is negative when the force is perpendicular to the displacement.
 - 2. Work done is negative when the force and displacement are in the same direction.
 - 3. Work done is negative when the force acts opposite to the direction of displacement.
 - 4. Work done cannot be negative.

Question Type :	MCQ
Question ID :	441009153513
Option 1 ID :	441009609225
Option 2 ID :	441009609222
Option 3 ID :	441009609223
Option 4 ID :	441009609224
Status :	Answered
Chosen Option :	3

<p>Q.5 Two plumbers, X and Y, are paid a total of ₹770 per day by their employer. If X is paid 140% of the sum paid to Y, then how much is Y paid (in ₹, rounded off to two decimal places) per day?</p> <p>4</p> <p>Ans <input type="checkbox"/> 1. 270.83 <input type="checkbox"/> 2. 220.83 <input checked="" type="checkbox"/> 3. 320.83 <input type="checkbox"/> 4. 370.83</p>	<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153623</td></tr> <tr><td>Option 1 ID :</td><td>441009609663</td></tr> <tr><td>Option 2 ID :</td><td>441009609664</td></tr> <tr><td>Option 3 ID :</td><td>441009609662</td></tr> <tr><td>Option 4 ID :</td><td>441009609665</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>	Question Type :	MCQ	Question ID :	441009153623	Option 1 ID :	441009609663	Option 2 ID :	441009609664	Option 3 ID :	441009609662	Option 4 ID :	441009609665	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009153623																
Option 1 ID :	441009609663																
Option 2 ID :	441009609664																
Option 3 ID :	441009609662																
Option 4 ID :	441009609665																
Status :	Answered																
Chosen Option :	3																
<p>Q.5 What should come in place of the question mark (?) in the given series?</p> <p>5</p> <p>185 174 163 152 ? 130</p> <p>Ans <input type="checkbox"/> 1. 144 <input checked="" type="checkbox"/> 2. 141 <input type="checkbox"/> 3. 143 <input type="checkbox"/> 4. 142</p>	<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160817</td></tr> <tr><td>Option 1 ID :</td><td>441009636995</td></tr> <tr><td>Option 2 ID :</td><td>441009636992</td></tr> <tr><td>Option 3 ID :</td><td>441009636994</td></tr> <tr><td>Option 4 ID :</td><td>441009636993</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>	Question Type :	MCQ	Question ID :	441009160817	Option 1 ID :	441009636995	Option 2 ID :	441009636992	Option 3 ID :	441009636994	Option 4 ID :	441009636993	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009160817																
Option 1 ID :	441009636995																
Option 2 ID :	441009636992																
Option 3 ID :	441009636994																
Option 4 ID :	441009636993																
Status :	Answered																
Chosen Option :	2																
<p>Q.5 Which of the following is NOT a benefit of use of mobile governance using ICT?</p> <p>6</p> <p>Ans <input type="checkbox"/> 1. Increased transparency and accountability in the government <input type="checkbox"/> 2. Improved access to government services for citizens <input checked="" type="checkbox"/> 3. Reduced costs for the government <input type="checkbox"/> 4. Increased efficiency in government processes</p>	<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156688</td></tr> <tr><td>Option 1 ID :</td><td>441009621917</td></tr> <tr><td>Option 2 ID :</td><td>441009621916</td></tr> <tr><td>Option 3 ID :</td><td>441009621918</td></tr> <tr><td>Option 4 ID :</td><td>441009621915</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>	Question Type :	MCQ	Question ID :	441009156688	Option 1 ID :	441009621917	Option 2 ID :	441009621916	Option 3 ID :	441009621918	Option 4 ID :	441009621915	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009156688																
Option 1 ID :	441009621917																
Option 2 ID :	441009621916																
Option 3 ID :	441009621918																
Option 4 ID :	441009621915																
Status :	Answered																
Chosen Option :	3																

Q.5 What is the average human body temperature?
7

Ans 1. 40°C
 2. 37°C
 3. 32°C
 4. 42°C

Question Type :	MCQ
Question ID :	441009160727
Option 1 ID :	441009636696
Option 2 ID :	441009636695
Option 3 ID :	441009636693
Option 4 ID :	441009636694
Status :	Answered
Chosen Option :	2

Q.5 A piece of rod $\frac{8}{9}$ metre long is broken into two pieces. If one piece is
8

Ans 1. $\frac{2}{9}$
 2. $\frac{5}{9}$
 3. $\frac{4}{9}$
 4. $\frac{7}{9}$

Question Type :	MCQ
Question ID :	441009153659
Option 1 ID :	441009609808
Option 2 ID :	441009609807
Option 3 ID :	441009609809
Option 4 ID :	441009609806
Status :	Answered
Chosen Option :	2

Q.5	A dozen pairs of jeans quoted at ₹3,520 are available at a discount of 35%. How many pairs of jeans can be bought for ₹572?																
Ans	<div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;">✗ 1. 5</div> <div style="display: flex; align-items: center;">✓ 2. 3</div> <div style="display: flex; align-items: center;">✗ 3. 1</div> <div style="display: flex; align-items: center;">✗ 4. 2</div> </div>																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160912</td></tr> <tr><td>Option 1 ID :</td><td>441009637355</td></tr> <tr><td>Option 2 ID :</td><td>441009637353</td></tr> <tr><td>Option 3 ID :</td><td>441009637354</td></tr> <tr><td>Option 4 ID :</td><td>441009637356</td></tr> <tr><td>Status :</td><td>Not Answered</td></tr> <tr><td>Chosen Option :</td><td>--</td></tr> </table>		Question Type :	MCQ	Question ID :	441009160912	Option 1 ID :	441009637355	Option 2 ID :	441009637353	Option 3 ID :	441009637354	Option 4 ID :	441009637356	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009160912																
Option 1 ID :	441009637355																
Option 2 ID :	441009637353																
Option 3 ID :	441009637354																
Option 4 ID :	441009637356																
Status :	Not Answered																
Chosen Option :	--																
Q.6	Rinku riding his car covers 136 metres in 17 seconds. What is his speed (in km/hr)?																
Ans	<div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;">✗ 1. 11.6</div> <div style="display: flex; align-items: center;">✓ 2. 28.8</div> <div style="display: flex; align-items: center;">✗ 3. 17</div> <div style="display: flex; align-items: center;">✗ 4. 26</div> </div>																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153636</td></tr> <tr><td>Option 1 ID :</td><td>441009609717</td></tr> <tr><td>Option 2 ID :</td><td>441009609715</td></tr> <tr><td>Option 3 ID :</td><td>441009609714</td></tr> <tr><td>Option 4 ID :</td><td>441009609716</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>		Question Type :	MCQ	Question ID :	441009153636	Option 1 ID :	441009609717	Option 2 ID :	441009609715	Option 3 ID :	441009609714	Option 4 ID :	441009609716	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009153636																
Option 1 ID :	441009609717																
Option 2 ID :	441009609715																
Option 3 ID :	441009609714																
Option 4 ID :	441009609716																
Status :	Answered																
Chosen Option :	2																



<p>Q.6 1</p>	<p>Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.</p> <p>Statements: Some bananas are litchis. All litchis are kiwis. Some kiwis are strawberries.</p> <p>Conclusions: 1. All bananas being kiwis is a possibility. 2. All kiwis are litchis.</p>																
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. Only conclusion 2 follows</p> <p><input checked="" type="checkbox"/> 2. Both conclusions 1 and 2 follow</p> <p><input checked="" type="checkbox"/> 3. Neither conclusion 1 nor 2 follows</p> <p><input checked="" type="checkbox"/> 4. Only conclusion 1 follows</p>																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160828</td></tr> <tr><td>Option 1 ID :</td><td>441009637037</td></tr> <tr><td>Option 2 ID :</td><td>441009637038</td></tr> <tr><td>Option 3 ID :</td><td>441009637039</td></tr> <tr><td>Option 4 ID :</td><td>441009637036</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>		Question Type :	MCQ	Question ID :	441009160828	Option 1 ID :	441009637037	Option 2 ID :	441009637038	Option 3 ID :	441009637039	Option 4 ID :	441009637036	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009160828																
Option 1 ID :	441009637037																
Option 2 ID :	441009637038																
Option 3 ID :	441009637039																
Option 4 ID :	441009637036																
Status :	Answered																
Chosen Option :	4																
<p>Q.6 2</p>	<p>A copper spoon is dipped in hot water. What happens to its other end?</p>																
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. It becomes hot by conduction.</p> <p><input checked="" type="checkbox"/> 2. It becomes hot by convection.</p> <p><input checked="" type="checkbox"/> 3. It becomes cold by convection.</p> <p><input checked="" type="checkbox"/> 4. It becomes cold by conduction.</p>																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160725</td></tr> <tr><td>Option 1 ID :</td><td>441009636686</td></tr> <tr><td>Option 2 ID :</td><td>441009636687</td></tr> <tr><td>Option 3 ID :</td><td>441009636688</td></tr> <tr><td>Option 4 ID :</td><td>441009636685</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>		Question Type :	MCQ	Question ID :	441009160725	Option 1 ID :	441009636686	Option 2 ID :	441009636687	Option 3 ID :	441009636688	Option 4 ID :	441009636685	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009160725																
Option 1 ID :	441009636686																
Option 2 ID :	441009636687																
Option 3 ID :	441009636688																
Option 4 ID :	441009636685																
Status :	Answered																
Chosen Option :	1																

Q.6 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

3

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

3 - 9 - 12 - 24; 4 - 16 - 20 - 40

Ans 1. 6 - 12 - 18 - 34

2. 9 - 2 - 11 - 24

3. 1 - 1 - 2 - 4

4. 7 - 49 - 56 - 122

Question Type : MCQ

Question ID : 441009160815

Option 1 ID : 441009636986

Option 2 ID : 441009636987

Option 3 ID : 441009636985

Option 4 ID : 441009636984

Status : Answered

Chosen Option : 3

Q.6 Potential energy belongs to which of the following categories of energy?

4

Ans 1. Light energy

2. Mechanical energy

3. Heat energy

4. Chemical energy

Question Type : MCQ

Question ID : 441009153501

Option 1 ID : 441009609177

Option 2 ID : 441009609175

Option 3 ID : 441009609174

Option 4 ID : 441009609176

Status : Answered

Chosen Option : 2

Q.6 5	Use of energy-efficient machineries in industrial settings primarily helps ____.																	
Ans	<input checked="" type="checkbox"/> 1. extend the lifespan of outdated equipment <input checked="" type="checkbox"/> 2. reduce industrial energy requirement and improve products' competitiveness. <input checked="" type="checkbox"/> 3. decrease operational efficiency <input checked="" type="checkbox"/> 4. increase energy consumption and thereby product cost																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009158540</td></tr> <tr><td>Option 1 ID :</td><td>441009629098</td></tr> <tr><td>Option 2 ID :</td><td>441009629097</td></tr> <tr><td>Option 3 ID :</td><td>441009629096</td></tr> <tr><td>Option 4 ID :</td><td>441009629095</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>	Question Type :	MCQ	Question ID :	441009158540	Option 1 ID :	441009629098	Option 2 ID :	441009629097	Option 3 ID :	441009629096	Option 4 ID :	441009629095	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																	
Question ID :	441009158540																	
Option 1 ID :	441009629098																	
Option 2 ID :	441009629097																	
Option 3 ID :	441009629096																	
Option 4 ID :	441009629095																	
Status :	Answered																	
Chosen Option :	2																	
Q.6 6	Which type of thermometer is used for measuring the internal temperature of ice?																	
Ans	<input checked="" type="checkbox"/> 1. Infrared thermometer <input checked="" type="checkbox"/> 2. Laboratory thermometer <input checked="" type="checkbox"/> 3. Digital thermometer <input checked="" type="checkbox"/> 4. Clinical thermometer																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154533</td></tr> <tr><td>Option 1 ID :</td><td>441009613297</td></tr> <tr><td>Option 2 ID :</td><td>441009613295</td></tr> <tr><td>Option 3 ID :</td><td>441009613296</td></tr> <tr><td>Option 4 ID :</td><td>441009613294</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>	Question Type :	MCQ	Question ID :	441009154533	Option 1 ID :	441009613297	Option 2 ID :	441009613295	Option 3 ID :	441009613296	Option 4 ID :	441009613294	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009154533																	
Option 1 ID :	441009613297																	
Option 2 ID :	441009613295																	
Option 3 ID :	441009613296																	
Option 4 ID :	441009613294																	
Status :	Answered																	
Chosen Option :	4																	
Q.6 7	Four resistors of 4 ohm each are connected in parallel. Four such parallel combinations are then connected in series. The equivalent resistance is ____.																	
Ans	<input checked="" type="checkbox"/> 1. 1 ohm <input checked="" type="checkbox"/> 2. 3 ohm <input checked="" type="checkbox"/> 3. 2 ohm <input checked="" type="checkbox"/> 4. 4 ohm																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153490</td></tr> <tr><td>Option 1 ID :</td><td>441009609131</td></tr> <tr><td>Option 2 ID :</td><td>441009609130</td></tr> <tr><td>Option 3 ID :</td><td>441009609133</td></tr> <tr><td>Option 4 ID :</td><td>441009609132</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>	Question Type :	MCQ	Question ID :	441009153490	Option 1 ID :	441009609131	Option 2 ID :	441009609130	Option 3 ID :	441009609133	Option 4 ID :	441009609132	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009153490																	
Option 1 ID :	441009609131																	
Option 2 ID :	441009609130																	
Option 3 ID :	441009609133																	
Option 4 ID :	441009609132																	
Status :	Answered																	
Chosen Option :	4																	

Q.6 8	If $x^5 + y^5 = 16$ and $x + y = 4$, what is the value of xy ?																	
Ans	<input type="checkbox"/> 1. 0																	
	<input type="checkbox"/> 2. 3																	
	<input type="checkbox"/> 3. 2																	
	<input checked="" type="checkbox"/> 4. 4																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153592</td></tr> <tr><td>Option 1 ID :</td><td>441009609540</td></tr> <tr><td>Option 2 ID :</td><td>441009609538</td></tr> <tr><td>Option 3 ID :</td><td>441009609539</td></tr> <tr><td>Option 4 ID :</td><td>441009609541</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>	Question Type :	MCQ	Question ID :	441009153592	Option 1 ID :	441009609540	Option 2 ID :	441009609538	Option 3 ID :	441009609539	Option 4 ID :	441009609541	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009153592																	
Option 1 ID :	441009609540																	
Option 2 ID :	441009609538																	
Option 3 ID :	441009609539																	
Option 4 ID :	441009609541																	
Status :	Answered																	
Chosen Option :	4																	
Q.6 9	Which of the following orders of components is primarily responsible for executing instructions, storing permanent firmware, temporarily storing data during program execution and providing a platform for interconnecting hardware components on a computer motherboard?																	
Ans	<input checked="" type="checkbox"/> 1. CPU - RAM - ROM - PCB																	
	<input type="checkbox"/> 2. PCB - ROM - CPU - RAM																	
	<input type="checkbox"/> 3. CPU - ROM - RAM - PCB																	
	<input type="checkbox"/> 4. RAM - ROM - CPU - PCB																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156681</td></tr> <tr><td>Option 1 ID :</td><td>441009621889</td></tr> <tr><td>Option 2 ID :</td><td>441009621890</td></tr> <tr><td>Option 3 ID :</td><td>441009621887</td></tr> <tr><td>Option 4 ID :</td><td>441009621888</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>	Question Type :	MCQ	Question ID :	441009156681	Option 1 ID :	441009621889	Option 2 ID :	441009621890	Option 3 ID :	441009621887	Option 4 ID :	441009621888	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																	
Question ID :	441009156681																	
Option 1 ID :	441009621889																	
Option 2 ID :	441009621890																	
Option 3 ID :	441009621887																	
Option 4 ID :	441009621888																	
Status :	Answered																	
Chosen Option :	1																	
Q.7 0	A man purchased two varieties of pens at the rates of ₹8 for 9 pens and ₹8 per pen. If he purchased an equal number of pens of each of the two varieties and then sold all his pens at ₹6 per pen, what was his profit percentage?																	
Ans	<input type="checkbox"/> 1. 45%																	
	<input type="checkbox"/> 2. 33%																	
	<input type="checkbox"/> 3. 32%																	
	<input checked="" type="checkbox"/> 4. 35%																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160914</td></tr> <tr><td>Option 1 ID :</td><td>441009637364</td></tr> <tr><td>Option 2 ID :</td><td>441009637362</td></tr> <tr><td>Option 3 ID :</td><td>441009637363</td></tr> <tr><td>Option 4 ID :</td><td>441009637361</td></tr> <tr><td>Status :</td><td>Not Answered</td></tr> <tr><td>Chosen Option :</td><td>--</td></tr> </table>	Question Type :	MCQ	Question ID :	441009160914	Option 1 ID :	441009637364	Option 2 ID :	441009637362	Option 3 ID :	441009637363	Option 4 ID :	441009637361	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																	
Question ID :	441009160914																	
Option 1 ID :	441009637364																	
Option 2 ID :	441009637362																	
Option 3 ID :	441009637363																	
Option 4 ID :	441009637361																	
Status :	Not Answered																	
Chosen Option :	--																	

Q.7 1	Which of the following expressions is NOT correct for electric power?																
Ans	<p><input checked="" type="checkbox"/> 1. $P = VI$</p> <p><input checked="" type="checkbox"/> 2. $P = \frac{V^2}{R}$</p> <p><input checked="" type="checkbox"/> 3. $P = I^2R$</p> <p><input checked="" type="checkbox"/> 4. $P = \frac{I^2}{R}$</p>																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153535</td></tr> <tr><td>Option 1 ID :</td><td>441009609310</td></tr> <tr><td>Option 2 ID :</td><td>441009609311</td></tr> <tr><td>Option 3 ID :</td><td>441009609313</td></tr> <tr><td>Option 4 ID :</td><td>441009609312</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>		Question Type :	MCQ	Question ID :	441009153535	Option 1 ID :	441009609310	Option 2 ID :	441009609311	Option 3 ID :	441009609313	Option 4 ID :	441009609312	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009153535																
Option 1 ID :	441009609310																
Option 2 ID :	441009609311																
Option 3 ID :	441009609313																
Option 4 ID :	441009609312																
Status :	Answered																
Chosen Option :	4																
Q.7 2	What is the value of 10 km/hr in SI units?																
Ans	<p><input checked="" type="checkbox"/> 1. 0.16 m/s</p> <p><input checked="" type="checkbox"/> 2. 1000 m/s</p> <p><input checked="" type="checkbox"/> 3. 10 m/s</p> <p><input checked="" type="checkbox"/> 4. 2.7 m/s</p>																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153561</td></tr> <tr><td>Option 1 ID :</td><td>441009609416</td></tr> <tr><td>Option 2 ID :</td><td>441009609415</td></tr> <tr><td>Option 3 ID :</td><td>441009609414</td></tr> <tr><td>Option 4 ID :</td><td>441009609417</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>		Question Type :	MCQ	Question ID :	441009153561	Option 1 ID :	441009609416	Option 2 ID :	441009609415	Option 3 ID :	441009609414	Option 4 ID :	441009609417	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009153561																
Option 1 ID :	441009609416																
Option 2 ID :	441009609415																
Option 3 ID :	441009609414																
Option 4 ID :	441009609417																
Status :	Answered																
Chosen Option :	4																
Q.7 3	Which of the following is NOT a valid representation of electrical power P in a circuit? (The current, potential difference and resistance are written symbolically as I, V and R, respectively.)																
Ans	<p><input checked="" type="checkbox"/> 1. $P = I^2R$</p> <p><input checked="" type="checkbox"/> 2. $P = VI$</p> <p><input checked="" type="checkbox"/> 3. $P = V^2/R$</p> <p><input checked="" type="checkbox"/> 4. $P = IR^2$</p>																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153503</td></tr> <tr><td>Option 1 ID :</td><td>441009609183</td></tr> <tr><td>Option 2 ID :</td><td>441009609182</td></tr> <tr><td>Option 3 ID :</td><td>441009609185</td></tr> <tr><td>Option 4 ID :</td><td>441009609184</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>		Question Type :	MCQ	Question ID :	441009153503	Option 1 ID :	441009609183	Option 2 ID :	441009609182	Option 3 ID :	441009609185	Option 4 ID :	441009609184	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009153503																
Option 1 ID :	441009609183																
Option 2 ID :	441009609182																
Option 3 ID :	441009609185																
Option 4 ID :	441009609184																
Status :	Answered																
Chosen Option :	4																

Q.7 4	Which of the following actions can help prevent slip and fall injuries?																	
Ans	<input checked="" type="checkbox"/> 1. Ignoring clutter in walkways <input checked="" type="checkbox"/> 2. Cleaning up spills immediately and using warning signs <input checked="" type="checkbox"/> 3. Walking on wet floors carefully <input checked="" type="checkbox"/> 4. Wearing loose footwear for comfort																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156595</td></tr> <tr><td>Option 1 ID :</td><td>441009621543</td></tr> <tr><td>Option 2 ID :</td><td>441009621545</td></tr> <tr><td>Option 3 ID :</td><td>441009621546</td></tr> <tr><td>Option 4 ID :</td><td>441009621544</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>	Question Type :	MCQ	Question ID :	441009156595	Option 1 ID :	441009621543	Option 2 ID :	441009621545	Option 3 ID :	441009621546	Option 4 ID :	441009621544	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																	
Question ID :	441009156595																	
Option 1 ID :	441009621543																	
Option 2 ID :	441009621545																	
Option 3 ID :	441009621546																	
Option 4 ID :	441009621544																	
Status :	Answered																	
Chosen Option :	2																	
Q.7 5	Which of the following will verify the credentials and documents of applicants uploaded on National Scholarship Portal?																	
Ans	<input checked="" type="checkbox"/> 1. University/Institute in which applicant is studying <input checked="" type="checkbox"/> 2. Government <input checked="" type="checkbox"/> 3. National Scholarship Portal <input checked="" type="checkbox"/> 4. Third party																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156689</td></tr> <tr><td>Option 1 ID :</td><td>441009621921</td></tr> <tr><td>Option 2 ID :</td><td>441009621919</td></tr> <tr><td>Option 3 ID :</td><td>441009621920</td></tr> <tr><td>Option 4 ID :</td><td>441009621922</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>	Question Type :	MCQ	Question ID :	441009156689	Option 1 ID :	441009621921	Option 2 ID :	441009621919	Option 3 ID :	441009621920	Option 4 ID :	441009621922	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																	
Question ID :	441009156689																	
Option 1 ID :	441009621921																	
Option 2 ID :	441009621919																	
Option 3 ID :	441009621920																	
Option 4 ID :	441009621922																	
Status :	Answered																	
Chosen Option :	1																	
Q.7 6	Eight people are sitting in two parallel rows containing 4 people each in such a way that there is equal distance between adjacent persons. In row 1, A, B, C and D are seated, and all of them are facing south. In row 2, P, Q, R and S are seated, and all of them are facing north. Thus, each person faces another person from the other row. Only two people sit between P and Q. A faces the person sitting to the immediate left of P. R sits to the immediate left of S. D sits to the immediate right of C. Who among the following faces P?																	
Ans	<input checked="" type="checkbox"/> 1. B <input checked="" type="checkbox"/> 2. D <input checked="" type="checkbox"/> 3. A <input checked="" type="checkbox"/> 4. C																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160825</td></tr> <tr><td>Option 1 ID :</td><td>441009637025</td></tr> <tr><td>Option 2 ID :</td><td>441009637026</td></tr> <tr><td>Option 3 ID :</td><td>441009637027</td></tr> <tr><td>Option 4 ID :</td><td>441009637024</td></tr> <tr><td>Status :</td><td>Not Answered</td></tr> <tr><td>Chosen Option :</td><td>--</td></tr> </table>	Question Type :	MCQ	Question ID :	441009160825	Option 1 ID :	441009637025	Option 2 ID :	441009637026	Option 3 ID :	441009637027	Option 4 ID :	441009637024	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																	
Question ID :	441009160825																	
Option 1 ID :	441009637025																	
Option 2 ID :	441009637026																	
Option 3 ID :	441009637027																	
Option 4 ID :	441009637024																	
Status :	Not Answered																	
Chosen Option :	--																	

Q.7 7	In the SI system, which of the following options best describes the base quantities?																
Ans	<input checked="" type="checkbox"/> 1. Length, mass, time <input type="checkbox"/> 2. Force, power, energy <input type="checkbox"/> 3. Temperature, pressure, volume <input type="checkbox"/> 4. Distance, speed, acceleration																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153573</td></tr> <tr><td>Option 1 ID :</td><td>441009609462</td></tr> <tr><td>Option 2 ID :</td><td>441009609464</td></tr> <tr><td>Option 3 ID :</td><td>441009609465</td></tr> <tr><td>Option 4 ID :</td><td>441009609463</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>		Question Type :	MCQ	Question ID :	441009153573	Option 1 ID :	441009609462	Option 2 ID :	441009609464	Option 3 ID :	441009609465	Option 4 ID :	441009609463	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009153573																
Option 1 ID :	441009609462																
Option 2 ID :	441009609464																
Option 3 ID :	441009609465																
Option 4 ID :	441009609463																
Status :	Answered																
Chosen Option :	1																
Q.7 8	Which of the following is the safest method for disposing of toxic dust?																
Ans	<input type="checkbox"/> 1. Sweeping it into open areas <input type="checkbox"/> 2. Dumping it in regular trash bins <input type="checkbox"/> 3. Releasing it into the air for dilution <input checked="" type="checkbox"/> 4. Using specialised hazardous waste disposal containers																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156583</td></tr> <tr><td>Option 1 ID :</td><td>441009621497</td></tr> <tr><td>Option 2 ID :</td><td>441009621495</td></tr> <tr><td>Option 3 ID :</td><td>441009621496</td></tr> <tr><td>Option 4 ID :</td><td>441009621498</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>		Question Type :	MCQ	Question ID :	441009156583	Option 1 ID :	441009621497	Option 2 ID :	441009621495	Option 3 ID :	441009621496	Option 4 ID :	441009621498	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009156583																
Option 1 ID :	441009621497																
Option 2 ID :	441009621495																
Option 3 ID :	441009621496																
Option 4 ID :	441009621498																
Status :	Answered																
Chosen Option :	4																
Q.7 9	6 men or 5 women can complete a job in 7 days. 6 men work for 5 days and leave. The number of women required to complete the remaining work in 5 days is:																
Ans	<input checked="" type="checkbox"/> 1. 2 <input type="checkbox"/> 2. 3 <input type="checkbox"/> 3. 1 <input type="checkbox"/> 4. 4																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153598</td></tr> <tr><td>Option 1 ID :</td><td>441009609562</td></tr> <tr><td>Option 2 ID :</td><td>441009609563</td></tr> <tr><td>Option 3 ID :</td><td>441009609564</td></tr> <tr><td>Option 4 ID :</td><td>441009609565</td></tr> <tr><td>Status :</td><td>Not Answered</td></tr> <tr><td>Chosen Option :</td><td>--</td></tr> </table>		Question Type :	MCQ	Question ID :	441009153598	Option 1 ID :	441009609562	Option 2 ID :	441009609563	Option 3 ID :	441009609564	Option 4 ID :	441009609565	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009153598																
Option 1 ID :	441009609562																
Option 2 ID :	441009609563																
Option 3 ID :	441009609564																
Option 4 ID :	441009609565																
Status :	Not Answered																
Chosen Option :	--																

Q.8 0	What should be done immediately after a fuel spillage in a workshop?																	
Ans	<input checked="" type="checkbox"/> 1. Leave it unattended and inform the supervisor later <input checked="" type="checkbox"/> 2. Evacuate the area and contain the spill using absorbent materials <input checked="" type="checkbox"/> 3. Use water to wash it away <input checked="" type="checkbox"/> 4. Cover it with plastic to prevent evaporation																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009161816</td></tr> <tr><td>Option 1 ID :</td><td>441009640919</td></tr> <tr><td>Option 2 ID :</td><td>441009640920</td></tr> <tr><td>Option 3 ID :</td><td>441009640917</td></tr> <tr><td>Option 4 ID :</td><td>441009640918</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>	Question Type :	MCQ	Question ID :	441009161816	Option 1 ID :	441009640919	Option 2 ID :	441009640920	Option 3 ID :	441009640917	Option 4 ID :	441009640918	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																	
Question ID :	441009161816																	
Option 1 ID :	441009640919																	
Option 2 ID :	441009640920																	
Option 3 ID :	441009640917																	
Option 4 ID :	441009640918																	
Status :	Answered																	
Chosen Option :	2																	
Q.8 1	Which of the following best describes the primary function of a digital signature in electronic communication?																	
Ans	<input checked="" type="checkbox"/> 1. It automatically archives all electronic documents for future reference. <input checked="" type="checkbox"/> 2. It verifies the identity of the sender and ensures the integrity of the message. <input checked="" type="checkbox"/> 3. It encrypts the entire message content to ensure privacy. <input checked="" type="checkbox"/> 4. It allows the recipient to edit the document before signing.																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156672</td></tr> <tr><td>Option 1 ID :</td><td>441009621854</td></tr> <tr><td>Option 2 ID :</td><td>441009621852</td></tr> <tr><td>Option 3 ID :</td><td>441009621851</td></tr> <tr><td>Option 4 ID :</td><td>441009621853</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>	Question Type :	MCQ	Question ID :	441009156672	Option 1 ID :	441009621854	Option 2 ID :	441009621852	Option 3 ID :	441009621851	Option 4 ID :	441009621853	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																	
Question ID :	441009156672																	
Option 1 ID :	441009621854																	
Option 2 ID :	441009621852																	
Option 3 ID :	441009621851																	
Option 4 ID :	441009621853																	
Status :	Answered																	
Chosen Option :	2																	
Q.8 2	Each of Preeti, Kiran, Grace, Ankit, Deepak, Nitin and Neelam has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week. Preeti has an exam on Thursday. Only one person has an exam between Preeti and Nitin. Grace has exam on the day immediately before Nitin but not on a Monday. Only two people have exams between Grace and Deepak. Neelam's exam is on one of the days before Ankit's but on one of the days after Kiran's. Who among the following has an exam on Monday?																	
Ans	<input checked="" type="checkbox"/> 1. Kiran <input checked="" type="checkbox"/> 2. Deepak <input checked="" type="checkbox"/> 3. Neelam <input checked="" type="checkbox"/> 4. Nitin																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160830</td></tr> <tr><td>Option 1 ID :</td><td>441009637044</td></tr> <tr><td>Option 2 ID :</td><td>441009637045</td></tr> <tr><td>Option 3 ID :</td><td>441009637046</td></tr> <tr><td>Option 4 ID :</td><td>441009637047</td></tr> <tr><td>Status :</td><td>Not Answered</td></tr> <tr><td>Chosen Option :</td><td>--</td></tr> </table>	Question Type :	MCQ	Question ID :	441009160830	Option 1 ID :	441009637044	Option 2 ID :	441009637045	Option 3 ID :	441009637046	Option 4 ID :	441009637047	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																	
Question ID :	441009160830																	
Option 1 ID :	441009637044																	
Option 2 ID :	441009637045																	
Option 3 ID :	441009637046																	
Option 4 ID :	441009637047																	
Status :	Not Answered																	
Chosen Option :	--																	

Q.8 3	A cube with a mass of 5.74 g occupies a volume of 1.2 cm ³ . The density (in g/cm ³) expressed with the correct number of significant figures is _____.																
Ans	<input checked="" type="checkbox"/> 1. 4.783 <input checked="" type="checkbox"/> 2. 4.8 <input checked="" type="checkbox"/> 3. 4.7833 <input checked="" type="checkbox"/> 4. 4.78																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160704</td></tr> <tr><td>Option 1 ID :</td><td>441009636601</td></tr> <tr><td>Option 2 ID :</td><td>441009636602</td></tr> <tr><td>Option 3 ID :</td><td>441009636603</td></tr> <tr><td>Option 4 ID :</td><td>441009636604</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>		Question Type :	MCQ	Question ID :	441009160704	Option 1 ID :	441009636601	Option 2 ID :	441009636602	Option 3 ID :	441009636603	Option 4 ID :	441009636604	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009160704																
Option 1 ID :	441009636601																
Option 2 ID :	441009636602																
Option 3 ID :	441009636603																
Option 4 ID :	441009636604																
Status :	Answered																
Chosen Option :	3																
Q.8 4	In a certain code language, 'CARD' is coded as '8674' and 'MICE' is coded as '3517'. What is the code for 'C' in the given code language?																
Ans	<input checked="" type="checkbox"/> 1. 1 <input checked="" type="checkbox"/> 2. 7 <input checked="" type="checkbox"/> 3. 6 <input checked="" type="checkbox"/> 4. 8																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160822</td></tr> <tr><td>Option 1 ID :</td><td>441009637013</td></tr> <tr><td>Option 2 ID :</td><td>441009637012</td></tr> <tr><td>Option 3 ID :</td><td>441009637014</td></tr> <tr><td>Option 4 ID :</td><td>441009637015</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>		Question Type :	MCQ	Question ID :	441009160822	Option 1 ID :	441009637013	Option 2 ID :	441009637012	Option 3 ID :	441009637014	Option 4 ID :	441009637015	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009160822																
Option 1 ID :	441009637013																
Option 2 ID :	441009637012																
Option 3 ID :	441009637014																
Option 4 ID :	441009637015																
Status :	Answered																
Chosen Option :	2																
Q.8 5	In a certain code language, 'BARE' is coded as '8264' and 'RIDS' is coded as '3587'. What is the code for 'R' in the given code language?																
Ans	<input checked="" type="checkbox"/> 1. 3 <input checked="" type="checkbox"/> 2. 5 <input checked="" type="checkbox"/> 3. 6 <input checked="" type="checkbox"/> 4. 8																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155629</td></tr> <tr><td>Option 1 ID :</td><td>441009617684</td></tr> <tr><td>Option 2 ID :</td><td>441009617685</td></tr> <tr><td>Option 3 ID :</td><td>441009617686</td></tr> <tr><td>Option 4 ID :</td><td>441009617683</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>		Question Type :	MCQ	Question ID :	441009155629	Option 1 ID :	441009617684	Option 2 ID :	441009617685	Option 3 ID :	441009617686	Option 4 ID :	441009617683	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009155629																
Option 1 ID :	441009617684																
Option 2 ID :	441009617685																
Option 3 ID :	441009617686																
Option 4 ID :	441009617683																
Status :	Answered																
Chosen Option :	4																

Q.8	If $50 : x :: x : 32$, and $x > 0$, then find the value of x .																
6																	
Ans	<div style="display: flex; align-items: center; margin-bottom: 5px;"> ✓ 1. 40 </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> ✗ 2. 45.8 </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> ✗ 3. 38.7 </div> <div style="display: flex; align-items: center;"> ✗ 4. 40.6 </div>																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153613</td></tr> <tr><td>Option 1 ID :</td><td>441009609622</td></tr> <tr><td>Option 2 ID :</td><td>441009609624</td></tr> <tr><td>Option 3 ID :</td><td>441009609623</td></tr> <tr><td>Option 4 ID :</td><td>441009609625</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>		Question Type :	MCQ	Question ID :	441009153613	Option 1 ID :	441009609622	Option 2 ID :	441009609624	Option 3 ID :	441009609623	Option 4 ID :	441009609625	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009153613																
Option 1 ID :	441009609622																
Option 2 ID :	441009609624																
Option 3 ID :	441009609623																
Option 4 ID :	441009609625																
Status :	Answered																
Chosen Option :	1																
Q.8	Simplify $976 \times 265 + 976 \times 735$.																
7																	
Ans	<div style="display: flex; align-items: center; margin-bottom: 5px;"> ✗ 1. 752800 </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> ✓ 2. 976000 </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> ✗ 3. 876000 </div> <div style="display: flex; align-items: center;"> ✗ 4. 658200 </div>																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160926</td></tr> <tr><td>Option 1 ID :</td><td>441009637410</td></tr> <tr><td>Option 2 ID :</td><td>441009637412</td></tr> <tr><td>Option 3 ID :</td><td>441009637409</td></tr> <tr><td>Option 4 ID :</td><td>441009637411</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>		Question Type :	MCQ	Question ID :	441009160926	Option 1 ID :	441009637410	Option 2 ID :	441009637412	Option 3 ID :	441009637409	Option 4 ID :	441009637411	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009160926																
Option 1 ID :	441009637410																
Option 2 ID :	441009637412																
Option 3 ID :	441009637409																
Option 4 ID :	441009637411																
Status :	Answered																
Chosen Option :	2																
Q.8	If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', what will come in place of the question mark (?) in the following equation?																
8	$38 C 32 A 4 D 5 B 7 = ?$																
Ans	<div style="display: flex; align-items: center; margin-bottom: 5px;"> ✗ 1. 9 </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> ✗ 2. 10 </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> ✓ 3. 11 </div> <div style="display: flex; align-items: center;"> ✗ 4. 8 </div>																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160814</td></tr> <tr><td>Option 1 ID :</td><td>441009636981</td></tr> <tr><td>Option 2 ID :</td><td>441009636982</td></tr> <tr><td>Option 3 ID :</td><td>441009636983</td></tr> <tr><td>Option 4 ID :</td><td>441009636980</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>		Question Type :	MCQ	Question ID :	441009160814	Option 1 ID :	441009636981	Option 2 ID :	441009636982	Option 3 ID :	441009636983	Option 4 ID :	441009636980	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009160814																
Option 1 ID :	441009636981																
Option 2 ID :	441009636982																
Option 3 ID :	441009636983																
Option 4 ID :	441009636980																
Status :	Answered																
Chosen Option :	1																

Q.8	Two resistors of resistance 20 Ω and 30 Ω are connected in series in a circuit. What is the current flow in the circuit if the voltage given is 250 V?
9	
Ans	<input checked="" type="checkbox"/> 1. 12 A
	<input checked="" type="checkbox"/> 2. 8 A
	<input checked="" type="checkbox"/> 3. 20 A
	<input checked="" type="checkbox"/> 4. 5 A

Question Type :	MCQ
Question ID :	441009153546
Option 1 ID :	441009609354
Option 2 ID :	441009609356
Option 3 ID :	441009609357
Option 4 ID :	441009609355
Status :	Answered
Chosen Option :	4

Q.9	What should come in place of the question mark (?) in the given alpha-numeric series?
0	G5, I10, L15, N20, Q25, S30, ?
Ans	<input checked="" type="checkbox"/> 1. U35
	<input checked="" type="checkbox"/> 2. V35
	<input checked="" type="checkbox"/> 3. V40
	<input checked="" type="checkbox"/> 4. W35

Question Type :	MCQ
Question ID :	441009155675
Option 1 ID :	441009617869
Option 2 ID :	441009617868
Option 3 ID :	441009617867
Option 4 ID :	441009617870
Status :	Answered
Chosen Option :	2

Q.9	If $\frac{5}{9}$ of a number is 6 more than $\frac{1}{2}$ of the number, then what is the number?
1	
Ans	<input checked="" type="checkbox"/> 1. 106
	<input checked="" type="checkbox"/> 2. 108
	<input checked="" type="checkbox"/> 3. 102
	<input checked="" type="checkbox"/> 4. 104

Question Type :	MCQ
Question ID :	441009153595
Option 1 ID :	441009609552
Option 2 ID :	441009609553
Option 3 ID :	441009609550
Option 4 ID :	441009609551
Status :	Answered
Chosen Option :	2

Q.9 Refer to the following letter and symbol series and answer the question that follows.
2 Counting to be done from left to right only.
(Left) ^ T J # * £ B L R Ω Y # E % S U \$ K Q & (Right)
How many such letters are there, each of which is immediately preceded by a letter and also immediately followed by a symbol?

- Ans
- 1. Four
 - 2. Three
 - 3. Two
 - 4. One

Question Type :	MCQ
Question ID :	441009155617
Option 1 ID :	441009617638
Option 2 ID :	441009617637
Option 3 ID :	441009617636
Option 4 ID :	441009617635
Status :	Answered
Chosen Option :	2

Q.9 Study the given bar-graph and answer the question that follows.
3
The given bar-graph indicates the number of flats sold by a builder in five different cities in 2020.



The number of flats sold in Delhi is what percentage more than the number of flats sold in Mumbai?

Ans

- 1. 125%
- 2. 120%
- 3. 150%
- 4. 75%

Question Type :	MCQ
Question ID :	441009155609
Option 1 ID :	441009617606
Option 2 ID :	441009617603
Option 3 ID :	441009617604
Option 4 ID :	441009617605
Status :	Answered
Chosen Option :	3

Q.9 4	Find the value of $x^2 + y^2$, given the following. $x = 7 + \sqrt{5}, y = 7 - \sqrt{5}$
Ans	<p>✓ 1. 108</p> <p>✗ 2. 137</p> <p>✗ 3. 124</p> <p>✗ 4. 96</p>

Question Type :	MCQ
Question ID :	441009160915
Option 1 ID :	441009637365
Option 2 ID :	441009637368
Option 3 ID :	441009637367
Option 4 ID :	441009637366
Status :	Answered
Chosen Option :	1

Q.9 5	If A is an acute angle and $p \tan A = n \sec A$, then what is the value of $\frac{p^2 - n^2}{pn}$?
Ans	<p>✗ 1. $\frac{\tan A}{\sec A}$</p> <p>✗ 2. $\frac{p^2 - n^2}{pn} = \frac{1 - \sin^2 A}{\sin A} = \cos A \cot A$</p> <p>✓ 3. $\sin A \cdot \cos A$</p> <p>✗ 4. $\cot A \cdot \cos A$</p>

Question Type :	MCQ
Question ID :	441009160929
Option 1 ID :	441009637423
Option 2 ID :	441009637424
Option 3 ID :	441009637422
Option 4 ID :	441009637421
Status :	Answered
Chosen Option :	2

Q.9 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
 I. Some desks are tables.
 II. All tables are cabinets.
 III. All cabinets are beds.

Conclusions:
 I. Some beds are tables.
 II. All cabinets are desks.

- Ans**
- 1. Neither conclusion I nor conclusion II follows.
 - 2. Only conclusion II follows.
 - 3. Both conclusions I and II follow.
 - 4. Only conclusion I follows.

Question Type : MCQ

Question ID : 441009155681

Option 1 ID : 441009617894

Option 2 ID : 441009617892

Option 3 ID : 441009617893

Option 4 ID : 441009617891

Status : Answered

Chosen Option : 4

Q.9 An ammeter of range 0 to 10 A shows a current of 7.5 A. If its true value is 6.2 A, the relative error is _____.

- Ans**
- 1. 13%
 - 2. 4.8%
 - 3. 20.96%
 - 4. 17.33%

Question Type : MCQ

Question ID : 441009160705

Option 1 ID : 441009636607

Option 2 ID : 441009636608

Option 3 ID : 441009636605

Option 4 ID : 441009636606

Status : Answered

Chosen Option : 4

Q.9	Kinetic energy and potential energy together are called which form of energy?																	
8																		
Ans	<input type="checkbox"/> 1. Chemical																	
	<input type="checkbox"/> 2. Nuclear																	
	<input checked="" type="checkbox"/> 3. Mechanical																	
	<input type="checkbox"/> 4. Thermal																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153519</td></tr> <tr><td>Option 1 ID :</td><td>441009609248</td></tr> <tr><td>Option 2 ID :</td><td>441009609246</td></tr> <tr><td>Option 3 ID :</td><td>441009609247</td></tr> <tr><td>Option 4 ID :</td><td>441009609249</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>	Question Type :	MCQ	Question ID :	441009153519	Option 1 ID :	441009609248	Option 2 ID :	441009609246	Option 3 ID :	441009609247	Option 4 ID :	441009609249	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																	
Question ID :	441009153519																	
Option 1 ID :	441009609248																	
Option 2 ID :	441009609246																	
Option 3 ID :	441009609247																	
Option 4 ID :	441009609249																	
Status :	Answered																	
Chosen Option :	3																	
Q.9	Megha bought a bag for ₹1,271 after getting a discount of 18% on its marked price. Find the marked price of the bag.																	
9																		
Ans	<input type="checkbox"/> 1. ₹1,450																	
	<input checked="" type="checkbox"/> 2. ₹1,550																	
	<input type="checkbox"/> 3. ₹1,650																	
	<input type="checkbox"/> 4. ₹1,350																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160920</td></tr> <tr><td>Option 1 ID :</td><td>441009637386</td></tr> <tr><td>Option 2 ID :</td><td>441009637387</td></tr> <tr><td>Option 3 ID :</td><td>441009637388</td></tr> <tr><td>Option 4 ID :</td><td>441009637385</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>	Question Type :	MCQ	Question ID :	441009160920	Option 1 ID :	441009637386	Option 2 ID :	441009637387	Option 3 ID :	441009637388	Option 4 ID :	441009637385	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																	
Question ID :	441009160920																	
Option 1 ID :	441009637386																	
Option 2 ID :	441009637387																	
Option 3 ID :	441009637388																	
Option 4 ID :	441009637385																	
Status :	Answered																	
Chosen Option :	2																	
Q.1	Jaspreet deposited a sum of ₹58,550 at 20% rate of interest per annum, compounded 00 annually. The total amount (in ₹) received by Jaspreet after 2 years will be:																	
00																		
Ans	<input type="checkbox"/> 1. 83,876																	
	<input type="checkbox"/> 2. 84,735																	
	<input checked="" type="checkbox"/> 3. 84,312																	
	<input type="checkbox"/> 4. 84,700																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153607</td></tr> <tr><td>Option 1 ID :</td><td>441009609599</td></tr> <tr><td>Option 2 ID :</td><td>441009609600</td></tr> <tr><td>Option 3 ID :</td><td>441009609598</td></tr> <tr><td>Option 4 ID :</td><td>441009609601</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>	Question Type :	MCQ	Question ID :	441009153607	Option 1 ID :	441009609599	Option 2 ID :	441009609600	Option 3 ID :	441009609598	Option 4 ID :	441009609601	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009153607																	
Option 1 ID :	441009609599																	
Option 2 ID :	441009609600																	
Option 3 ID :	441009609598																	
Option 4 ID :	441009609601																	
Status :	Answered																	
Chosen Option :	4																	

Q.1	Which of the following types of compressors has up to 10 cylinders and is most frequently used in car air-conditioning systems?
Ans	<input checked="" type="checkbox"/> 1. Wobble plate compressor <input checked="" type="checkbox"/> 2. Scroll type compressor <input checked="" type="checkbox"/> 3. Hermetic compressor <input checked="" type="checkbox"/> 4. Swash plate compressor

Question Type :	MCQ
Question ID :	441009155560
Option 1 ID :	441009617388
Option 2 ID :	441009617386
Option 3 ID :	441009617389
Option 4 ID :	441009617387
Status :	Not Answered
Chosen Option :	--

Q.2	Read the given statements carefully and select the correct option.
	<p>Statement 1: In frost-free refrigerator, evaporator fan and condenser fan produces uniform cooling.</p> <p>Statement 2: In conventional type refrigerator, no fan is provided hence the cooling is not uniform cooling/freezing.</p>
Ans	<input checked="" type="checkbox"/> 1. Both Statement 1 and Statement 2 are correct. <input checked="" type="checkbox"/> 2. Statement 1 is correct and Statement 2 is incorrect. <input checked="" type="checkbox"/> 3. Statement 2 is correct and Statement 1 is incorrect. <input checked="" type="checkbox"/> 4. Both Statement 1 and Statement 2 are incorrect.

Question Type :	MCQ
Question ID :	441009155507
Option 1 ID :	441009617176
Option 2 ID :	441009617174
Option 3 ID :	441009617175
Option 4 ID :	441009617177
Status :	Answered
Chosen Option :	1

Q.3	Which of the following hand-operated drilling machines is used for drilling small diameter holes up to 6 mm?																
Ans	<input checked="" type="checkbox"/> 1. Electric hand drill <input checked="" type="checkbox"/> 2. Bevel gear type drilling machine <input checked="" type="checkbox"/> 3. Breast drilling machine <input checked="" type="checkbox"/> 4. Ratchet drilling machine																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156633</td></tr> <tr><td>Option 1 ID :</td><td>441009621698</td></tr> <tr><td>Option 2 ID :</td><td>441009621696</td></tr> <tr><td>Option 3 ID :</td><td>441009621697</td></tr> <tr><td>Option 4 ID :</td><td>441009621695</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>		Question Type :	MCQ	Question ID :	441009156633	Option 1 ID :	441009621698	Option 2 ID :	441009621696	Option 3 ID :	441009621697	Option 4 ID :	441009621695	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009156633																
Option 1 ID :	441009621698																
Option 2 ID :	441009621696																
Option 3 ID :	441009621697																
Option 4 ID :	441009621695																
Status :	Answered																
Chosen Option :	1																
Q.4	Which of the following is an important safety measure during a power failure?																
Ans	<input checked="" type="checkbox"/> 1. Using candles for lighting <input checked="" type="checkbox"/> 2. Ignoring alarm systems <input checked="" type="checkbox"/> 3. Continuing to use equipment without verifying power status <input checked="" type="checkbox"/> 4. Ensuring all machines and electrical equipment are turned off																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156586</td></tr> <tr><td>Option 1 ID :</td><td>441009621507</td></tr> <tr><td>Option 2 ID :</td><td>441009621510</td></tr> <tr><td>Option 3 ID :</td><td>441009621509</td></tr> <tr><td>Option 4 ID :</td><td>441009621508</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>		Question Type :	MCQ	Question ID :	441009156586	Option 1 ID :	441009621507	Option 2 ID :	441009621510	Option 3 ID :	441009621509	Option 4 ID :	441009621508	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009156586																
Option 1 ID :	441009621507																
Option 2 ID :	441009621510																
Option 3 ID :	441009621509																
Option 4 ID :	441009621508																
Status :	Answered																
Chosen Option :	4																

Q.5 Match the refrigerant control expansion valves with their correct functions.

Refrigerant controls	Functions
A. Suction-line regulators	P. Limit the flow of gas to the compressor to prevent loads
B. Check valves	Q. Interrupt the flow on demand from any one of several temperature or pressure-sensing devices
C. Solenoid valves	R. Prevent the flow of gas from the condenser
D. Hold back valves	S. Control the flow of refrigerant gas from the evaporator

Ans

- 1. A-S, B-P, C-Q, D-R
- 2. A-S, B-R, C-Q, D-P
- 3. A-S, B-R, C-P, D-Q
- 4. A-P, B-R, C-Q, D-S

Question Type : **MCQ**

Question ID : **441009155485**

Option 1 ID : **441009617089**

Option 2 ID : **441009617086**

Option 3 ID : **441009617087**

Option 4 ID : **441009617088**

Status : **Answered**

Chosen Option : **2**

Q.6 What is the primary reason for electrical injuries when a person comes in contact with electrical equipment?

Ans

- 1. Electrical devices are too powerful.
- 2. Electrical equipment is not properly grounded.
- 3. Current flows through the body causing harm.
- 4. Devices are used for too long.

Question Type : **MCQ**

Question ID : **441009156614**

Option 1 ID : **441009621619**

Option 2 ID : **441009621621**

Option 3 ID : **441009621620**

Option 4 ID : **441009621622**

Status : **Answered**

Chosen Option : **3**

Q.7	When using a multimeter to measure current, which of the following is correct?
Ans	<input checked="" type="checkbox"/> 1. The multimeter is connected in series with the load.
	<input type="checkbox"/> 2. The multimeter is connected directly to the power source.
	<input type="checkbox"/> 3. The multimeter is connected in parallel with the load.
	<input type="checkbox"/> 4. The multimeter is connected only across resistive components.

Question Type :	MCQ
Question ID :	441009156533
Option 1 ID :	441009621296
Option 2 ID :	441009621297
Option 3 ID :	441009621295
Option 4 ID :	441009621298
Status :	Answered
Chosen Option :	1

Q.8	In a refrigeration system, an electronic expansion valve is a ____.
Ans	<input type="checkbox"/> 1. device used to store heat during normal operation of the cycle
	<input type="checkbox"/> 2. device used to remove the frost by melting
	<input type="checkbox"/> 3. device used to measure the moisture content of the air
	<input checked="" type="checkbox"/> 4. device that meters or regulates the flow of liquid refrigerant to the evaporator

Question Type :	MCQ
Question ID :	441009155486
Option 1 ID :	441009617092
Option 2 ID :	441009617091
Option 3 ID :	441009617093
Option 4 ID :	441009617090
Status :	Answered
Chosen Option :	4

Q.9	Which of the following components of the flake ice machine is a vertically placed drum-shaped stainless-steel container, equipped with the rotating blade?
Ans	<input type="checkbox"/> 1. Tube ice generator
	<input type="checkbox"/> 2. Condenser
	<input checked="" type="checkbox"/> 3. Evaporator
	<input type="checkbox"/> 4. Compressor

Question Type :	MCQ
Question ID :	441009155498
Option 1 ID :	441009617140
Option 2 ID :	441009617138
Option 3 ID :	441009617139
Option 4 ID :	441009617141
Status :	Answered
Chosen Option :	1

Q.1 0	What should you do to ensure your personal safety at work?																			
Ans	<input checked="" type="checkbox"/> 1. Wear personal protective equipment. <input type="checkbox"/> 2. Take risks to finish tasks quickly. <input type="checkbox"/> 3. Ignore warning signs and instructions. <input type="checkbox"/> 4. Work in a hurry without checking equipment.																			
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156619</td></tr> <tr><td>Option 1 ID :</td><td>441009621640</td></tr> <tr><td>Option 2 ID :</td><td>441009621639</td></tr> <tr><td>Option 3 ID :</td><td>441009621641</td></tr> <tr><td>Option 4 ID :</td><td>441009621642</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>					Question Type :	MCQ	Question ID :	441009156619	Option 1 ID :	441009621640	Option 2 ID :	441009621639	Option 3 ID :	441009621641	Option 4 ID :	441009621642	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																			
Question ID :	441009156619																			
Option 1 ID :	441009621640																			
Option 2 ID :	441009621639																			
Option 3 ID :	441009621641																			
Option 4 ID :	441009621642																			
Status :	Answered																			
Chosen Option :	1																			
Q.1 1	Which of the following components of a storage-type water cooler gives initial power for starting winding at the compressor needed and cuts off power supply at running?																			
Ans	<input checked="" type="checkbox"/> 1. Relay <input type="checkbox"/> 2. Overload protector <input type="checkbox"/> 3. Thermostat <input type="checkbox"/> 4. Fan motor																			
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155502</td></tr> <tr><td>Option 1 ID :</td><td>441009617155</td></tr> <tr><td>Option 2 ID :</td><td>441009617154</td></tr> <tr><td>Option 3 ID :</td><td>441009617156</td></tr> <tr><td>Option 4 ID :</td><td>441009617157</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>					Question Type :	MCQ	Question ID :	441009155502	Option 1 ID :	441009617155	Option 2 ID :	441009617154	Option 3 ID :	441009617156	Option 4 ID :	441009617157	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																			
Question ID :	441009155502																			
Option 1 ID :	441009617155																			
Option 2 ID :	441009617154																			
Option 3 ID :	441009617156																			
Option 4 ID :	441009617157																			
Status :	Answered																			
Chosen Option :	1																			
Q.1 2	Which of the following advantages of AC motor over DC motor is INCORRECT?																			
Ans	<input checked="" type="checkbox"/> 1. AC motors have higher startup power demands. <input type="checkbox"/> 2. AC motors are more efficient than DC motors. <input type="checkbox"/> 3. AC motors are more durable and have a longer life expectancy than DC motors. <input type="checkbox"/> 4. AC motors have fewer moving parts than DC motors.																			
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155517</td></tr> <tr><td>Option 1 ID :</td><td>441009617217</td></tr> <tr><td>Option 2 ID :</td><td>441009617215</td></tr> <tr><td>Option 3 ID :</td><td>441009617216</td></tr> <tr><td>Option 4 ID :</td><td>441009617214</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>					Question Type :	MCQ	Question ID :	441009155517	Option 1 ID :	441009617217	Option 2 ID :	441009617215	Option 3 ID :	441009617216	Option 4 ID :	441009617214	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																			
Question ID :	441009155517																			
Option 1 ID :	441009617217																			
Option 2 ID :	441009617215																			
Option 3 ID :	441009617216																			
Option 4 ID :	441009617214																			
Status :	Answered																			
Chosen Option :	1																			

Q.1 3	_____ is the process of adding moisture to the air without affecting its dry bulb temperature.																
Ans	<input checked="" type="checkbox"/> 1. Humidification <input type="checkbox"/> 2. De-humidification <input type="checkbox"/> 3. Isothermal process <input type="checkbox"/> 4. Adiabatic process																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155476</td></tr> <tr><td>Option 1 ID :</td><td>441009617050</td></tr> <tr><td>Option 2 ID :</td><td>441009617051</td></tr> <tr><td>Option 3 ID :</td><td>441009617052</td></tr> <tr><td>Option 4 ID :</td><td>441009617053</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>		Question Type :	MCQ	Question ID :	441009155476	Option 1 ID :	441009617050	Option 2 ID :	441009617051	Option 3 ID :	441009617052	Option 4 ID :	441009617053	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009155476																
Option 1 ID :	441009617050																
Option 2 ID :	441009617051																
Option 3 ID :	441009617052																
Option 4 ID :	441009617053																
Status :	Answered																
Chosen Option :	1																
Q.1 4	In refrigeration and air conditioning systems, balance valves are also called the _____.																
Ans	<input type="checkbox"/> 1. coil setter <input checked="" type="checkbox"/> 2. circuit setter <input type="checkbox"/> 3. circuit breaker <input type="checkbox"/> 4. fan coil setter																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155420</td></tr> <tr><td>Option 1 ID :</td><td>441009616827</td></tr> <tr><td>Option 2 ID :</td><td>441009616826</td></tr> <tr><td>Option 3 ID :</td><td>441009616828</td></tr> <tr><td>Option 4 ID :</td><td>441009616829</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>		Question Type :	MCQ	Question ID :	441009155420	Option 1 ID :	441009616827	Option 2 ID :	441009616826	Option 3 ID :	441009616828	Option 4 ID :	441009616829	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009155420																
Option 1 ID :	441009616827																
Option 2 ID :	441009616826																
Option 3 ID :	441009616828																
Option 4 ID :	441009616829																
Status :	Answered																
Chosen Option :	2																
Q.1 5	When selecting a sheet size for an original drawing, what should be the primary consideration?																
Ans	<input checked="" type="checkbox"/> 1. The clarity and resolution required. <input type="checkbox"/> 2. The orientation of the drawing (horizontal or vertical). <input type="checkbox"/> 3. The size of the reproduction. <input type="checkbox"/> 4. The standard size of the drawing office.																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156564</td></tr> <tr><td>Option 1 ID :</td><td>441009621420</td></tr> <tr><td>Option 2 ID :</td><td>441009621421</td></tr> <tr><td>Option 3 ID :</td><td>441009621419</td></tr> <tr><td>Option 4 ID :</td><td>441009621422</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>		Question Type :	MCQ	Question ID :	441009156564	Option 1 ID :	441009621420	Option 2 ID :	441009621421	Option 3 ID :	441009621419	Option 4 ID :	441009621422	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009156564																
Option 1 ID :	441009621420																
Option 2 ID :	441009621421																
Option 3 ID :	441009621419																
Option 4 ID :	441009621422																
Status :	Answered																
Chosen Option :	3																

<p>Q.1 6</p>	<p>What is the purpose of an emergency evacuation plan?</p>																	
<p>Ans</p>	<p>✓ 1. To ensure safe and orderly evacuation during emergencies</p> <p>✗ 2. To increase productivity</p> <p>✗ 3. To avoid safety drills</p> <p>✗ 4. To allow workers to leave early</p>																	
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009161820</td></tr> <tr><td>Option 1 ID :</td><td>441009640934</td></tr> <tr><td>Option 2 ID :</td><td>441009640935</td></tr> <tr><td>Option 3 ID :</td><td>441009640936</td></tr> <tr><td>Option 4 ID :</td><td>441009640933</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>			Question Type :	MCQ	Question ID :	441009161820	Option 1 ID :	441009640934	Option 2 ID :	441009640935	Option 3 ID :	441009640936	Option 4 ID :	441009640933	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																	
Question ID :	441009161820																	
Option 1 ID :	441009640934																	
Option 2 ID :	441009640935																	
Option 3 ID :	441009640936																	
Option 4 ID :	441009640933																	
Status :	Answered																	
Chosen Option :	1																	
<p>Q.1 7</p>	<p>In the operations of a cold storage plant, _____ is used to protect the plant components against unusual working conditions.</p>																	
<p>Ans</p>	<p>✓ 1. Safety control</p> <p>✗ 2. Temperature control</p> <p>✗ 3. Fluid control</p> <p>✗ 4. Moisture control</p>																	
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155460</td></tr> <tr><td>Option 1 ID :</td><td>441009616989</td></tr> <tr><td>Option 2 ID :</td><td>441009616987</td></tr> <tr><td>Option 3 ID :</td><td>441009616988</td></tr> <tr><td>Option 4 ID :</td><td>441009616986</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>			Question Type :	MCQ	Question ID :	441009155460	Option 1 ID :	441009616989	Option 2 ID :	441009616987	Option 3 ID :	441009616988	Option 4 ID :	441009616986	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009155460																	
Option 1 ID :	441009616989																	
Option 2 ID :	441009616987																	
Option 3 ID :	441009616988																	
Option 4 ID :	441009616986																	
Status :	Answered																	
Chosen Option :	4																	
<p>Q.1 8</p>	<p>In which of the following types of refrigeration system, a lighter gas compared to the refrigerant vapour is introduced into the system?</p>																	
<p>Ans</p>	<p>✗ 1. Liquid gas refrigeration system</p> <p>✗ 2. Dry ice refrigeration system</p> <p>✗ 3. Ice refrigeration system</p> <p>✓ 4. Three fluid absorption system</p>																	
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155565</td></tr> <tr><td>Option 1 ID :</td><td>441009617408</td></tr> <tr><td>Option 2 ID :</td><td>441009617407</td></tr> <tr><td>Option 3 ID :</td><td>441009617406</td></tr> <tr><td>Option 4 ID :</td><td>441009617409</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>			Question Type :	MCQ	Question ID :	441009155565	Option 1 ID :	441009617408	Option 2 ID :	441009617407	Option 3 ID :	441009617406	Option 4 ID :	441009617409	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009155565																	
Option 1 ID :	441009617408																	
Option 2 ID :	441009617407																	
Option 3 ID :	441009617406																	
Option 4 ID :	441009617409																	
Status :	Answered																	
Chosen Option :	4																	

Q.1 9	_____ exists when a system changes its state due to temperature difference between the system and its surroundings.																
Ans	✗ 1. Work ✗ 2. Diffusion ✗ 3. Mass flow ✓ 4. Heat																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155543</td></tr> <tr><td>Option 1 ID :</td><td>441009617319</td></tr> <tr><td>Option 2 ID :</td><td>441009617320</td></tr> <tr><td>Option 3 ID :</td><td>441009617321</td></tr> <tr><td>Option 4 ID :</td><td>441009617318</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>		Question Type :	MCQ	Question ID :	441009155543	Option 1 ID :	441009617319	Option 2 ID :	441009617320	Option 3 ID :	441009617321	Option 4 ID :	441009617318	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009155543																
Option 1 ID :	441009617319																
Option 2 ID :	441009617320																
Option 3 ID :	441009617321																
Option 4 ID :	441009617318																
Status :	Answered																
Chosen Option :	1																
Q.2 0	In refrigeration systems, 'FCU' stands for _____.																
Ans	✗ 1. Freezer Control Unit ✗ 2. Freezer Coil Unit ✓ 3. Fan Coil Unit ✗ 4. Fan Control Unit																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155438</td></tr> <tr><td>Option 1 ID :</td><td>441009616901</td></tr> <tr><td>Option 2 ID :</td><td>441009616900</td></tr> <tr><td>Option 3 ID :</td><td>441009616898</td></tr> <tr><td>Option 4 ID :</td><td>441009616899</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>		Question Type :	MCQ	Question ID :	441009155438	Option 1 ID :	441009616901	Option 2 ID :	441009616900	Option 3 ID :	441009616898	Option 4 ID :	441009616899	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009155438																
Option 1 ID :	441009616901																
Option 2 ID :	441009616900																
Option 3 ID :	441009616898																
Option 4 ID :	441009616899																
Status :	Answered																
Chosen Option :	4																
Q.2 1	In horizontal type bottle coolers, _____ air convection is present inside the storage cooling compartment.																
Ans	✗ 1. forced ✗ 2. obligatory ✓ 3. natural ✗ 4. neutral																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155404</td></tr> <tr><td>Option 1 ID :</td><td>441009616763</td></tr> <tr><td>Option 2 ID :</td><td>441009616765</td></tr> <tr><td>Option 3 ID :</td><td>441009616762</td></tr> <tr><td>Option 4 ID :</td><td>441009616764</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>		Question Type :	MCQ	Question ID :	441009155404	Option 1 ID :	441009616763	Option 2 ID :	441009616765	Option 3 ID :	441009616762	Option 4 ID :	441009616764	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009155404																
Option 1 ID :	441009616763																
Option 2 ID :	441009616765																
Option 3 ID :	441009616762																
Option 4 ID :	441009616764																
Status :	Answered																
Chosen Option :	3																

Q.2 2	Which of the following are the two methods of charging refrigerants into systems?																
Ans	<input checked="" type="checkbox"/> 1. Charging by specific volume and Charging by diffusivity <input checked="" type="checkbox"/> 2. Charging by density and Charging by colour <input checked="" type="checkbox"/> 3. Charging by weight and Charging by volume <input checked="" type="checkbox"/> 4. Charging by viscosity and Charging by volume																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155474</td></tr> <tr><td>Option 1 ID :</td><td>441009617045</td></tr> <tr><td>Option 2 ID :</td><td>441009617043</td></tr> <tr><td>Option 3 ID :</td><td>441009617042</td></tr> <tr><td>Option 4 ID :</td><td>441009617044</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>		Question Type :	MCQ	Question ID :	441009155474	Option 1 ID :	441009617045	Option 2 ID :	441009617043	Option 3 ID :	441009617042	Option 4 ID :	441009617044	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009155474																
Option 1 ID :	441009617045																
Option 2 ID :	441009617043																
Option 3 ID :	441009617042																
Option 4 ID :	441009617044																
Status :	Answered																
Chosen Option :	1																
Q.2 3	Gaskets, seals and spacers are made using:																
Ans	<input checked="" type="checkbox"/> 1. prick punch <input checked="" type="checkbox"/> 2. pin punch <input checked="" type="checkbox"/> 3. hollow punch <input checked="" type="checkbox"/> 4. centre punch																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009161828</td></tr> <tr><td>Option 1 ID :</td><td>441009640965</td></tr> <tr><td>Option 2 ID :</td><td>441009640968</td></tr> <tr><td>Option 3 ID :</td><td>441009640967</td></tr> <tr><td>Option 4 ID :</td><td>441009640966</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>		Question Type :	MCQ	Question ID :	441009161828	Option 1 ID :	441009640965	Option 2 ID :	441009640968	Option 3 ID :	441009640967	Option 4 ID :	441009640966	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009161828																
Option 1 ID :	441009640965																
Option 2 ID :	441009640968																
Option 3 ID :	441009640967																
Option 4 ID :	441009640966																
Status :	Answered																
Chosen Option :	1																
Q.2 4	Which of the following types of pliers is used to shape loops in wires and to form curves in light metal strips?																
Ans	<input checked="" type="checkbox"/> 1. Flat nose pliers <input checked="" type="checkbox"/> 2. Round nose pliers <input checked="" type="checkbox"/> 3. End cutting pliers <input checked="" type="checkbox"/> 4. Slip-joint pliers																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156634</td></tr> <tr><td>Option 1 ID :</td><td>441009621701</td></tr> <tr><td>Option 2 ID :</td><td>441009621699</td></tr> <tr><td>Option 3 ID :</td><td>441009621700</td></tr> <tr><td>Option 4 ID :</td><td>441009621702</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>		Question Type :	MCQ	Question ID :	441009156634	Option 1 ID :	441009621701	Option 2 ID :	441009621699	Option 3 ID :	441009621700	Option 4 ID :	441009621702	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009156634																
Option 1 ID :	441009621701																
Option 2 ID :	441009621699																
Option 3 ID :	441009621700																
Option 4 ID :	441009621702																
Status :	Answered																
Chosen Option :	2																

Q.2 5	A circuit consists of three resistors; 15 ohms, 10 ohms, and 20 ohms. The 15-ohm resistor is in series with the parallel combination of the 10-ohm and 20-ohm resistors. If a 24 V battery is applied across the circuit, what is the total current flowing through the circuit?
Ans	<input checked="" type="checkbox"/> 1. 0.1 A <input checked="" type="checkbox"/> 2. 2.1 A <input checked="" type="checkbox"/> 3. 1.1 A <input checked="" type="checkbox"/> 4. 3.1 A

Question Type :	MCQ
Question ID :	441009156527
Option 1 ID :	441009621274
Option 2 ID :	441009621272
Option 3 ID :	441009621273
Option 4 ID :	441009621271
Status :	Answered
Chosen Option :	3

Q.2 6	In a velocity-time graph, the negative slope represents _____.
Ans	<input checked="" type="checkbox"/> 1. displacement <input checked="" type="checkbox"/> 2. distance <input checked="" type="checkbox"/> 3. acceleration <input checked="" type="checkbox"/> 4. retardation

Question Type :	MCQ
Question ID :	441009156657
Option 1 ID :	441009621794
Option 2 ID :	441009621793
Option 3 ID :	441009621792
Option 4 ID :	441009621791
Status :	Answered
Chosen Option :	4

Q.2 7	What are 'Thermal insulators' in Refrigeration and Air Conditioning systems?
Ans	<input checked="" type="checkbox"/> 1. Materials that retard or offer resistance to the flow of heat through it <input checked="" type="checkbox"/> 2. Materials that retard or offer resistance to the friction <input checked="" type="checkbox"/> 3. Materials that retard or offer resistance to the flow of air through it <input checked="" type="checkbox"/> 4. Materials that retard or offer resistance to the flow of water through it

Question Type :	MCQ
Question ID :	441009155450
Option 1 ID :	441009616946
Option 2 ID :	441009616949
Option 3 ID :	441009616947
Option 4 ID :	441009616948
Status :	Answered
Chosen Option :	1

Q.2	What is a refrigeration system?	8																
Ans	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> 1. The equipment employed to maintain a system at a low temperature. <input type="checkbox"/> 2. The equipment employed to maintain a system at a high temperature. <input type="checkbox"/> 3. The equipment employed to maintain a system at a high pressure. <input type="checkbox"/> 4. The equipment employed to maintain a system at a low pressure. 																	
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155549</td></tr> <tr><td>Option 1 ID :</td><td>441009617342</td></tr> <tr><td>Option 2 ID :</td><td>441009617343</td></tr> <tr><td>Option 3 ID :</td><td>441009617345</td></tr> <tr><td>Option 4 ID :</td><td>441009617344</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>			Question Type :	MCQ	Question ID :	441009155549	Option 1 ID :	441009617342	Option 2 ID :	441009617343	Option 3 ID :	441009617345	Option 4 ID :	441009617344	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																	
Question ID :	441009155549																	
Option 1 ID :	441009617342																	
Option 2 ID :	441009617343																	
Option 3 ID :	441009617345																	
Option 4 ID :	441009617344																	
Status :	Answered																	
Chosen Option :	1																	
Q.2	A circular hole of radius 3 cm is cut from a rectangular sheet of dimensions 12 cm × 10 cm. Find the remaining area.	9																
	(Take $\pi = 3.14$)																	
Ans	<ul style="list-style-type: none"> <input type="checkbox"/> 1. 75.74 cm² <input checked="" type="checkbox"/> 2. 91.74 cm² <input type="checkbox"/> 3. 95.86 cm² <input type="checkbox"/> 4. 100 cm² 																	
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156655</td></tr> <tr><td>Option 1 ID :</td><td>441009621784</td></tr> <tr><td>Option 2 ID :</td><td>441009621785</td></tr> <tr><td>Option 3 ID :</td><td>441009621786</td></tr> <tr><td>Option 4 ID :</td><td>441009621783</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>			Question Type :	MCQ	Question ID :	441009156655	Option 1 ID :	441009621784	Option 2 ID :	441009621785	Option 3 ID :	441009621786	Option 4 ID :	441009621783	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																	
Question ID :	441009156655																	
Option 1 ID :	441009621784																	
Option 2 ID :	441009621785																	
Option 3 ID :	441009621786																	
Option 4 ID :	441009621783																	
Status :	Answered																	
Chosen Option :	2																	
Q.3	Which of the following is INCORRECT regarding the cleaning and care of split AC systems?	0																
Ans	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> 1. When removing and replacing the air filters, be sure to touch the heat exchanger <input type="checkbox"/> 2. Be sure the intake grille is installed securely <input type="checkbox"/> 3. Before cleaning the AC, be sure to turn it off and disconnect the power supply cord <input type="checkbox"/> 4. After washing, allow it to dry thoroughly in a shaded place 																	
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155491</td></tr> <tr><td>Option 1 ID :</td><td>441009617112</td></tr> <tr><td>Option 2 ID :</td><td>441009617111</td></tr> <tr><td>Option 3 ID :</td><td>441009617110</td></tr> <tr><td>Option 4 ID :</td><td>441009617113</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>			Question Type :	MCQ	Question ID :	441009155491	Option 1 ID :	441009617112	Option 2 ID :	441009617111	Option 3 ID :	441009617110	Option 4 ID :	441009617113	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																	
Question ID :	441009155491																	
Option 1 ID :	441009617112																	
Option 2 ID :	441009617111																	
Option 3 ID :	441009617110																	
Option 4 ID :	441009617113																	
Status :	Answered																	
Chosen Option :	1																	

Q.3
1 What is a key advantage of using MOSFETs in electronic circuits compared to other types of transistors?

- Ans
- 1. High frequency response
 - 2. Ability to amplify both AC and DC signals
 - 3. Ability to handle higher voltages and currents than BJTs
 - 4. High input impedance and low power consumption

Question Type : MCQ

Question ID : 441009156518

Option 1 ID : 441009621237

Option 2 ID : 441009621235

Option 3 ID : 441009621238

Option 4 ID : 441009621236

Status : Answered

Chosen Option : 2

Q.3
2 What is the sum of $(\frac{3}{8}) + (\frac{5}{12})$?

- Ans
- 1. $\frac{8}{20}$
 - 2. $\frac{17}{24}$
 - 3. $\frac{19}{24}$
 - 4. $\frac{7}{12}$

Question Type : MCQ

Question ID : 441009156660

Option 1 ID : 441009621806

Option 2 ID : 441009621805

Option 3 ID : 441009621804

Option 4 ID : 441009621803

Status : Answered

Chosen Option : 3

Q.3 3	Which of the following files is used for filing narrow grooves and angles above 10°?																	
Ans	<input checked="" type="checkbox"/> 1. Square file <input checked="" type="checkbox"/> 2. Knife-edge file <input checked="" type="checkbox"/> 3. Half round file <input checked="" type="checkbox"/> 4. Triangular file																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156639</td></tr> <tr><td>Option 1 ID :</td><td>441009621722</td></tr> <tr><td>Option 2 ID :</td><td>441009621720</td></tr> <tr><td>Option 3 ID :</td><td>441009621719</td></tr> <tr><td>Option 4 ID :</td><td>441009621721</td></tr> <tr><td>Status :</td><td>Not Answered</td></tr> <tr><td>Chosen Option :</td><td>--</td></tr> </table>	Question Type :	MCQ	Question ID :	441009156639	Option 1 ID :	441009621722	Option 2 ID :	441009621720	Option 3 ID :	441009621719	Option 4 ID :	441009621721	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																	
Question ID :	441009156639																	
Option 1 ID :	441009621722																	
Option 2 ID :	441009621720																	
Option 3 ID :	441009621719																	
Option 4 ID :	441009621721																	
Status :	Not Answered																	
Chosen Option :	--																	
Q.3 4	A drawing instrument box is used to carry all _____ instruments.																	
Ans	<input checked="" type="checkbox"/> 1. casting <input checked="" type="checkbox"/> 2. screening <input checked="" type="checkbox"/> 3. drilling <input checked="" type="checkbox"/> 4. drawing																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156551</td></tr> <tr><td>Option 1 ID :</td><td>441009621370</td></tr> <tr><td>Option 2 ID :</td><td>441009621368</td></tr> <tr><td>Option 3 ID :</td><td>441009621369</td></tr> <tr><td>Option 4 ID :</td><td>441009621367</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>	Question Type :	MCQ	Question ID :	441009156551	Option 1 ID :	441009621370	Option 2 ID :	441009621368	Option 3 ID :	441009621369	Option 4 ID :	441009621367	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009156551																	
Option 1 ID :	441009621370																	
Option 2 ID :	441009621368																	
Option 3 ID :	441009621369																	
Option 4 ID :	441009621367																	
Status :	Answered																	
Chosen Option :	4																	
Q.3 5	Which of the following organisations is responsible for enforcing workplace safety regulations in India?																	
Ans	<input checked="" type="checkbox"/> 1. Environmental Protection Agency (EPA) <input checked="" type="checkbox"/> 2. Directorate General of Factory Advice Service and Labour Institutes (DGFASLI) <input checked="" type="checkbox"/> 3. World Health Organization (WHO) <input checked="" type="checkbox"/> 4. Food and Drug Administration (FDA)																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009161819</td></tr> <tr><td>Option 1 ID :</td><td>441009640930</td></tr> <tr><td>Option 2 ID :</td><td>441009640931</td></tr> <tr><td>Option 3 ID :</td><td>441009640932</td></tr> <tr><td>Option 4 ID :</td><td>441009640929</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>	Question Type :	MCQ	Question ID :	441009161819	Option 1 ID :	441009640930	Option 2 ID :	441009640931	Option 3 ID :	441009640932	Option 4 ID :	441009640929	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																	
Question ID :	441009161819																	
Option 1 ID :	441009640930																	
Option 2 ID :	441009640931																	
Option 3 ID :	441009640932																	
Option 4 ID :	441009640929																	
Status :	Answered																	
Chosen Option :	2																	

Q.3 6	_____ moves from one point to another through air in air conditioning systems.																	
Ans	<input checked="" type="checkbox"/> 1. Water borne sound <input checked="" type="checkbox"/> 2. Structure borne sound <input checked="" type="checkbox"/> 3. Refrigerent borne sound <input checked="" type="checkbox"/> 4. Air borne sound																	
<table border="1" style="margin-left: auto; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155422</td></tr> <tr><td>Option 1 ID :</td><td>441009616836</td></tr> <tr><td>Option 2 ID :</td><td>441009616834</td></tr> <tr><td>Option 3 ID :</td><td>441009616837</td></tr> <tr><td>Option 4 ID :</td><td>441009616835</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>			Question Type :	MCQ	Question ID :	441009155422	Option 1 ID :	441009616836	Option 2 ID :	441009616834	Option 3 ID :	441009616837	Option 4 ID :	441009616835	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009155422																	
Option 1 ID :	441009616836																	
Option 2 ID :	441009616834																	
Option 3 ID :	441009616837																	
Option 4 ID :	441009616835																	
Status :	Answered																	
Chosen Option :	4																	
Q.3 7	Which of the following factors should be controlled in order to keep constant temperature throughout the conditioned space?																	
Ans	<input checked="" type="checkbox"/> 1. Motion of air <input checked="" type="checkbox"/> 2. Humidity of air <input checked="" type="checkbox"/> 3. Purity of air <input checked="" type="checkbox"/> 4. Temperature of air																	
<table border="1" style="margin-left: auto; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155477</td></tr> <tr><td>Option 1 ID :</td><td>441009617057</td></tr> <tr><td>Option 2 ID :</td><td>441009617055</td></tr> <tr><td>Option 3 ID :</td><td>441009617056</td></tr> <tr><td>Option 4 ID :</td><td>441009617054</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>			Question Type :	MCQ	Question ID :	441009155477	Option 1 ID :	441009617057	Option 2 ID :	441009617055	Option 3 ID :	441009617056	Option 4 ID :	441009617054	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009155477																	
Option 1 ID :	441009617057																	
Option 2 ID :	441009617055																	
Option 3 ID :	441009617056																	
Option 4 ID :	441009617054																	
Status :	Answered																	
Chosen Option :	4																	
Q.3 8	In an automotive air conditioning system compressor, the pistons are operated by a _____, which moves them backwards and forwards in the cylinders.																	
Ans	<input checked="" type="checkbox"/> 1. wobble plate <input checked="" type="checkbox"/> 2. crank shaft <input checked="" type="checkbox"/> 3. connecting rod <input checked="" type="checkbox"/> 4. gear plate																	
<table border="1" style="margin-left: auto; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155431</td></tr> <tr><td>Option 1 ID :</td><td>441009616870</td></tr> <tr><td>Option 2 ID :</td><td>441009616873</td></tr> <tr><td>Option 3 ID :</td><td>441009616872</td></tr> <tr><td>Option 4 ID :</td><td>441009616871</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>			Question Type :	MCQ	Question ID :	441009155431	Option 1 ID :	441009616870	Option 2 ID :	441009616873	Option 3 ID :	441009616872	Option 4 ID :	441009616871	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																	
Question ID :	441009155431																	
Option 1 ID :	441009616870																	
Option 2 ID :	441009616873																	
Option 3 ID :	441009616872																	
Option 4 ID :	441009616871																	
Status :	Answered																	
Chosen Option :	1																	

Q.3 9	What is the advantage of giving heat treatment to a material?																
Ans	<input checked="" type="checkbox"/> 1. To make surgical knives of sharp edges <input type="checkbox"/> 2. To decrease the melting point of the material <input type="checkbox"/> 3. To increase the weight of the material <input type="checkbox"/> 4. To change it from one element to another element																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156644</td></tr> <tr><td>Option 1 ID :</td><td>441009621740</td></tr> <tr><td>Option 2 ID :</td><td>441009621742</td></tr> <tr><td>Option 3 ID :</td><td>441009621739</td></tr> <tr><td>Option 4 ID :</td><td>441009621741</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>		Question Type :	MCQ	Question ID :	441009156644	Option 1 ID :	441009621740	Option 2 ID :	441009621742	Option 3 ID :	441009621739	Option 4 ID :	441009621741	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009156644																
Option 1 ID :	441009621740																
Option 2 ID :	441009621742																
Option 3 ID :	441009621739																
Option 4 ID :	441009621741																
Status :	Answered																
Chosen Option :	2																
Q.4 0	The _____ device is used for producing cold in a refrigeration system.																
Ans	<input type="checkbox"/> 1. condenser <input type="checkbox"/> 2. economiser <input type="checkbox"/> 3. manifold gauge tool <input checked="" type="checkbox"/> 4. vortex tube																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155546</td></tr> <tr><td>Option 1 ID :</td><td>441009617330</td></tr> <tr><td>Option 2 ID :</td><td>441009617331</td></tr> <tr><td>Option 3 ID :</td><td>441009617332</td></tr> <tr><td>Option 4 ID :</td><td>441009617333</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>		Question Type :	MCQ	Question ID :	441009155546	Option 1 ID :	441009617330	Option 2 ID :	441009617331	Option 3 ID :	441009617332	Option 4 ID :	441009617333	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009155546																
Option 1 ID :	441009617330																
Option 2 ID :	441009617331																
Option 3 ID :	441009617332																
Option 4 ID :	441009617333																
Status :	Answered																
Chosen Option :	1																
Q.4 1	In which of the following types of cooling towers are the eliminators fitted just below the fan and spray nozzles fitted just below the eliminator?																
Ans	<input type="checkbox"/> 1. Forced draft cooling tower <input checked="" type="checkbox"/> 2. Induced draft cooling tower <input type="checkbox"/> 3. Hyperbolic draft cooling tower <input type="checkbox"/> 4. Natural draft cooling tower																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155512</td></tr> <tr><td>Option 1 ID :</td><td>441009617195</td></tr> <tr><td>Option 2 ID :</td><td>441009617196</td></tr> <tr><td>Option 3 ID :</td><td>441009617197</td></tr> <tr><td>Option 4 ID :</td><td>441009617194</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>		Question Type :	MCQ	Question ID :	441009155512	Option 1 ID :	441009617195	Option 2 ID :	441009617196	Option 3 ID :	441009617197	Option 4 ID :	441009617194	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009155512																
Option 1 ID :	441009617195																
Option 2 ID :	441009617196																
Option 3 ID :	441009617197																
Option 4 ID :	441009617194																
Status :	Answered																
Chosen Option :	2																

<p>Q.4 In industrial air conditioning systems, a pipe line is provided from the condenser to the cooling tower to circulate ____.</p> <p>Ans <input checked="" type="checkbox"/> 1. chlorine</p> <p><input checked="" type="checkbox"/> 2. water</p> <p><input checked="" type="checkbox"/> 3. gas</p> <p><input checked="" type="checkbox"/> 4. air</p>	<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155421</td></tr> <tr><td>Option 1 ID :</td><td>441009616830</td></tr> <tr><td>Option 2 ID :</td><td>441009616831</td></tr> <tr><td>Option 3 ID :</td><td>441009616832</td></tr> <tr><td>Option 4 ID :</td><td>441009616833</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>	Question Type :	MCQ	Question ID :	441009155421	Option 1 ID :	441009616830	Option 2 ID :	441009616831	Option 3 ID :	441009616832	Option 4 ID :	441009616833	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009155421																
Option 1 ID :	441009616830																
Option 2 ID :	441009616831																
Option 3 ID :	441009616832																
Option 4 ID :	441009616833																
Status :	Answered																
Chosen Option :	2																
<p>Q.4 Which of the following motors is used for condensing units and cooling coils of bottle coolers?</p> <p>Ans <input checked="" type="checkbox"/> 1. Squirrel cage induction motor</p> <p><input checked="" type="checkbox"/> 2. Shaded pole induction motor</p> <p><input checked="" type="checkbox"/> 3. Capacitor-start capacitor-run induction motor</p> <p><input checked="" type="checkbox"/> 4. Slip ring induction motor</p>	<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155516</td></tr> <tr><td>Option 1 ID :</td><td>441009617210</td></tr> <tr><td>Option 2 ID :</td><td>441009617212</td></tr> <tr><td>Option 3 ID :</td><td>441009617213</td></tr> <tr><td>Option 4 ID :</td><td>441009617211</td></tr> <tr><td>Status :</td><td>Not Answered</td></tr> <tr><td>Chosen Option :</td><td>--</td></tr> </table>	Question Type :	MCQ	Question ID :	441009155516	Option 1 ID :	441009617210	Option 2 ID :	441009617212	Option 3 ID :	441009617213	Option 4 ID :	441009617211	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009155516																
Option 1 ID :	441009617210																
Option 2 ID :	441009617212																
Option 3 ID :	441009617213																
Option 4 ID :	441009617211																
Status :	Not Answered																
Chosen Option :	--																
<p>Q.4 Which of the following processes of maintaining central AC always follows the detailed instructions provided by equipment manufactures or system designers?</p> <p>Ans <input checked="" type="checkbox"/> 1. Post start-up checks</p> <p><input checked="" type="checkbox"/> 2. Pre-start-up checks</p> <p><input checked="" type="checkbox"/> 3. Starting procedure</p> <p><input checked="" type="checkbox"/> 4. Log sheets</p>	<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155446</td></tr> <tr><td>Option 1 ID :</td><td>441009616933</td></tr> <tr><td>Option 2 ID :</td><td>441009616932</td></tr> <tr><td>Option 3 ID :</td><td>441009616931</td></tr> <tr><td>Option 4 ID :</td><td>441009616930</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>	Question Type :	MCQ	Question ID :	441009155446	Option 1 ID :	441009616933	Option 2 ID :	441009616932	Option 3 ID :	441009616931	Option 4 ID :	441009616930	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009155446																
Option 1 ID :	441009616933																
Option 2 ID :	441009616932																
Option 3 ID :	441009616931																
Option 4 ID :	441009616930																
Status :	Answered																
Chosen Option :	2																

Q.4 Which of the following electrical components is used in the refrigeration system to protect the compressor from abnormal operating condition?

Ans 1. Fan motor
 2. PTC relay
 3. Overload protector
 4. Defrost heater

Question Type :	MCQ
Question ID :	441009155562
Option 1 ID :	441009617397
Option 2 ID :	441009617396
Option 3 ID :	441009617395
Option 4 ID :	441009617394
Status :	Answered
Chosen Option :	2

Q.4 If $\sin\theta = \frac{3}{5}$, find $\cos\theta$.

Ans 1. $\frac{5}{4}$
 2. $\frac{3}{4}$
 3. $\frac{3}{5}$
 4. $\frac{4}{5}$

Question Type :	MCQ
Question ID :	441009161834
Option 1 ID :	441009640992
Option 2 ID :	441009640990
Option 3 ID :	441009640991
Option 4 ID :	441009640989
Status :	Answered
Chosen Option :	4

Q.4 When measuring the resistance of a resistor using an ohmmeter, what does a reading of zero resistance indicate?

- Ans**
- 1. The resistor is open-circuited.
 - 2. The ohmmeter is malfunctioning.
 - 3. The resistor is functioning normally.
 - 4. The resistor is short-circuited.

Question Type :	MCQ
Question ID :	441009156534
Option 1 ID :	441009621299
Option 2 ID :	441009621302
Option 3 ID :	441009621300
Option 4 ID :	441009621301
Status :	Answered
Chosen Option :	1

Q.4 For what purpose are pins and clips used in engineering drawings?

- Ans**
- 1. To transfer dimensions and dividing lines into a number of equal parts
 - 2. To fasten the drawing sheet on to the drawing board firmly so that it does not shake
 - 3. To draw horizontal lines, parallel lines and to guide/hold the set squares
 - 4. To support the drawing paper/tracing paper for making drawings

Question Type :	MCQ
Question ID :	441009156549
Option 1 ID :	441009621361
Option 2 ID :	441009621359
Option 3 ID :	441009621360
Option 4 ID :	441009621362
Status :	Answered
Chosen Option :	4

Q.4 In a vapor compression system, the condensed liquid refrigerant from the condenser is stored in a vessel known as _____.

- Ans**
- 1. expansion valve
 - 2. condenser
 - 3. evaporator
 - 4. receiver

Question Type :	MCQ
Question ID :	441009155536
Option 1 ID :	441009617290
Option 2 ID :	441009617293
Option 3 ID :	441009617291
Option 4 ID :	441009617292
Status :	Answered
Chosen Option :	4

<p>Q.5 0</p>	<p>Which of the following factors is responsible for the maintenance of any desired temperature within an enclosed space even though the temperature of the outside air is above or below the desired room temperature?</p>																	
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. Temperature of air</p> <p><input type="checkbox"/> 2. Humidity of air</p> <p><input type="checkbox"/> 3. Motion of air</p> <p><input type="checkbox"/> 4. Purity of air</p>																	
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155478</td></tr> <tr><td>Option 1 ID :</td><td>441009617058</td></tr> <tr><td>Option 2 ID :</td><td>441009617059</td></tr> <tr><td>Option 3 ID :</td><td>441009617061</td></tr> <tr><td>Option 4 ID :</td><td>441009617060</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>			Question Type :	MCQ	Question ID :	441009155478	Option 1 ID :	441009617058	Option 2 ID :	441009617059	Option 3 ID :	441009617061	Option 4 ID :	441009617060	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																	
Question ID :	441009155478																	
Option 1 ID :	441009617058																	
Option 2 ID :	441009617059																	
Option 3 ID :	441009617061																	
Option 4 ID :	441009617060																	
Status :	Answered																	
Chosen Option :	1																	
<p>Q.5 1</p>	<p>_____ is a type of refrigerated cabinet that displays merchandise as well as cools it.</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. Undercounter cooler</p> <p><input type="checkbox"/> 2. Visible heater</p> <p><input checked="" type="checkbox"/> 3. Visible cooler</p> <p><input type="checkbox"/> 4. Hidden cooler</p>																	
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155402</td></tr> <tr><td>Option 1 ID :</td><td>441009616757</td></tr> <tr><td>Option 2 ID :</td><td>441009616756</td></tr> <tr><td>Option 3 ID :</td><td>441009616754</td></tr> <tr><td>Option 4 ID :</td><td>441009616755</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>			Question Type :	MCQ	Question ID :	441009155402	Option 1 ID :	441009616757	Option 2 ID :	441009616756	Option 3 ID :	441009616754	Option 4 ID :	441009616755	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																	
Question ID :	441009155402																	
Option 1 ID :	441009616757																	
Option 2 ID :	441009616756																	
Option 3 ID :	441009616754																	
Option 4 ID :	441009616755																	
Status :	Answered																	
Chosen Option :	3																	
<p>Q.5 2</p>	<p>According to BIS SP 46-2003, which of the following applications is correctly represented by a chain-thin line in engineering drawings?</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. Dimension lines</p> <p><input type="checkbox"/> 2. Visible edges</p> <p><input checked="" type="checkbox"/> 3. Center lines</p> <p><input type="checkbox"/> 4. Hidden edges</p>																	
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156575</td></tr> <tr><td>Option 1 ID :</td><td>441009621466</td></tr> <tr><td>Option 2 ID :</td><td>441009621463</td></tr> <tr><td>Option 3 ID :</td><td>441009621465</td></tr> <tr><td>Option 4 ID :</td><td>441009621464</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>			Question Type :	MCQ	Question ID :	441009156575	Option 1 ID :	441009621466	Option 2 ID :	441009621463	Option 3 ID :	441009621465	Option 4 ID :	441009621464	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																	
Question ID :	441009156575																	
Option 1 ID :	441009621466																	
Option 2 ID :	441009621463																	
Option 3 ID :	441009621465																	
Option 4 ID :	441009621464																	
Status :	Answered																	
Chosen Option :	3																	

Q.5 3	Which of the following vices consists of a handle and a small collet chuck at one end?																
Ans	<input checked="" type="checkbox"/> 1. Pipe vice <input checked="" type="checkbox"/> 2. Toolmaker's vice <input checked="" type="checkbox"/> 3. Hand vice <input checked="" type="checkbox"/> 4. Pin vice																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009161832</td></tr> <tr><td>Option 1 ID :</td><td>441009640983</td></tr> <tr><td>Option 2 ID :</td><td>441009640982</td></tr> <tr><td>Option 3 ID :</td><td>441009640981</td></tr> <tr><td>Option 4 ID :</td><td>441009640984</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>		Question Type :	MCQ	Question ID :	441009161832	Option 1 ID :	441009640983	Option 2 ID :	441009640982	Option 3 ID :	441009640981	Option 4 ID :	441009640984	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009161832																
Option 1 ID :	441009640983																
Option 2 ID :	441009640982																
Option 3 ID :	441009640981																
Option 4 ID :	441009640984																
Status :	Answered																
Chosen Option :	2																
Q.5 4	In the refrigeration system, _____ refrigerants are the heat carriers that directly cool the material by absorbing latent heat.																
Ans	<input checked="" type="checkbox"/> 1. primary <input checked="" type="checkbox"/> 2. secondary <input checked="" type="checkbox"/> 3. nitrogen <input checked="" type="checkbox"/> 4. highly flammable																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155489</td></tr> <tr><td>Option 1 ID :</td><td>441009617102</td></tr> <tr><td>Option 2 ID :</td><td>441009617103</td></tr> <tr><td>Option 3 ID :</td><td>441009617105</td></tr> <tr><td>Option 4 ID :</td><td>441009617104</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>		Question Type :	MCQ	Question ID :	441009155489	Option 1 ID :	441009617102	Option 2 ID :	441009617103	Option 3 ID :	441009617105	Option 4 ID :	441009617104	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009155489																
Option 1 ID :	441009617102																
Option 2 ID :	441009617103																
Option 3 ID :	441009617105																
Option 4 ID :	441009617104																
Status :	Answered																
Chosen Option :	2																
Q.5 5	Which of the following parts of a thermostatic expansion valve transmits the diaphragm force to spring to control the flow?																
Ans	<input checked="" type="checkbox"/> 1. Superheat spring <input checked="" type="checkbox"/> 2. Push rod and ball valve <input checked="" type="checkbox"/> 3. Body sealing gasket <input checked="" type="checkbox"/> 4. Spring retainer																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155501</td></tr> <tr><td>Option 1 ID :</td><td>441009617150</td></tr> <tr><td>Option 2 ID :</td><td>441009617153</td></tr> <tr><td>Option 3 ID :</td><td>441009617152</td></tr> <tr><td>Option 4 ID :</td><td>441009617151</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>		Question Type :	MCQ	Question ID :	441009155501	Option 1 ID :	441009617150	Option 2 ID :	441009617153	Option 3 ID :	441009617152	Option 4 ID :	441009617151	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009155501																
Option 1 ID :	441009617150																
Option 2 ID :	441009617153																
Option 3 ID :	441009617152																
Option 4 ID :	441009617151																
Status :	Answered																
Chosen Option :	2																

Q.5	Which of the following parts of a file is the part fitted to the tang for holding the file?																
6																	
Ans	<input checked="" type="checkbox"/> 1. Edge <input checked="" type="checkbox"/> 2. Tip or Point <input checked="" type="checkbox"/> 3. Tang <input checked="" type="checkbox"/> 4. Handle																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009161831</td></tr> <tr><td>Option 1 ID :</td><td>441009640978</td></tr> <tr><td>Option 2 ID :</td><td>441009640977</td></tr> <tr><td>Option 3 ID :</td><td>441009640980</td></tr> <tr><td>Option 4 ID :</td><td>441009640979</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>		Question Type :	MCQ	Question ID :	441009161831	Option 1 ID :	441009640978	Option 2 ID :	441009640977	Option 3 ID :	441009640980	Option 4 ID :	441009640979	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009161831																
Option 1 ID :	441009640978																
Option 2 ID :	441009640977																
Option 3 ID :	441009640980																
Option 4 ID :	441009640979																
Status :	Answered																
Chosen Option :	4																
Q.5	If the diameter of the bare tube coil evaporators is too small, then:																
7																	
Ans	<input checked="" type="checkbox"/> 1. the system efficiency reduces <input checked="" type="checkbox"/> 2. the pressure drop due to friction becomes zero <input checked="" type="checkbox"/> 3. the pressure drop due to friction becomes too low <input checked="" type="checkbox"/> 4. the system efficiency increases																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155554</td></tr> <tr><td>Option 1 ID :</td><td>441009617363</td></tr> <tr><td>Option 2 ID :</td><td>441009617364</td></tr> <tr><td>Option 3 ID :</td><td>441009617362</td></tr> <tr><td>Option 4 ID :</td><td>441009617365</td></tr> <tr><td>Status :</td><td>Not Answered</td></tr> <tr><td>Chosen Option :</td><td>--</td></tr> </table>		Question Type :	MCQ	Question ID :	441009155554	Option 1 ID :	441009617363	Option 2 ID :	441009617364	Option 3 ID :	441009617362	Option 4 ID :	441009617365	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009155554																
Option 1 ID :	441009617363																
Option 2 ID :	441009617364																
Option 3 ID :	441009617362																
Option 4 ID :	441009617365																
Status :	Not Answered																
Chosen Option :	--																
Q.5	Which of the following components of a walk-in cooler is required on freezers to prevent drain line freeze up?																
8																	
Ans	<input checked="" type="checkbox"/> 1. Condensate water evaporator <input checked="" type="checkbox"/> 2. Drain line heater <input checked="" type="checkbox"/> 3. Condenser unit rack <input checked="" type="checkbox"/> 4. Heat exchanger																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155571</td></tr> <tr><td>Option 1 ID :</td><td>441009617432</td></tr> <tr><td>Option 2 ID :</td><td>441009617433</td></tr> <tr><td>Option 3 ID :</td><td>441009617431</td></tr> <tr><td>Option 4 ID :</td><td>441009617430</td></tr> <tr><td>Status :</td><td>Not Answered</td></tr> <tr><td>Chosen Option :</td><td>--</td></tr> </table>		Question Type :	MCQ	Question ID :	441009155571	Option 1 ID :	441009617432	Option 2 ID :	441009617433	Option 3 ID :	441009617431	Option 4 ID :	441009617430	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009155571																
Option 1 ID :	441009617432																
Option 2 ID :	441009617433																
Option 3 ID :	441009617431																
Option 4 ID :	441009617430																
Status :	Not Answered																
Chosen Option :	--																

Q.5	Non-functional dimensions are _____.	9																
Ans	<input checked="" type="checkbox"/> 1. directly derived from the values given on a drawing <input checked="" type="checkbox"/> 2. essential for the function of the space or component <input checked="" type="checkbox"/> 3. derived from the values of the related features of a drawing <input checked="" type="checkbox"/> 4. not essential for the function of the space or component																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156547</td></tr> <tr><td>Option 1 ID :</td><td>441009621353</td></tr> <tr><td>Option 2 ID :</td><td>441009621352</td></tr> <tr><td>Option 3 ID :</td><td>441009621354</td></tr> <tr><td>Option 4 ID :</td><td>441009621351</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>			Question Type :	MCQ	Question ID :	441009156547	Option 1 ID :	441009621353	Option 2 ID :	441009621352	Option 3 ID :	441009621354	Option 4 ID :	441009621351	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009156547																	
Option 1 ID :	441009621353																	
Option 2 ID :	441009621352																	
Option 3 ID :	441009621354																	
Option 4 ID :	441009621351																	
Status :	Answered																	
Chosen Option :	4																	
Q.6	Why is it important for every person to follow safety procedures in the workplace?	0																
Ans	<input checked="" type="checkbox"/> 1. To minimise risks and avoid accidents <input checked="" type="checkbox"/> 2. To reduce operational costs significantly <input checked="" type="checkbox"/> 3. To limit the need for frequent supervision <input checked="" type="checkbox"/> 4. To increase overall production efficiency																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156625</td></tr> <tr><td>Option 1 ID :</td><td>441009621664</td></tr> <tr><td>Option 2 ID :</td><td>441009621665</td></tr> <tr><td>Option 3 ID :</td><td>441009621666</td></tr> <tr><td>Option 4 ID :</td><td>441009621663</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>			Question Type :	MCQ	Question ID :	441009156625	Option 1 ID :	441009621664	Option 2 ID :	441009621665	Option 3 ID :	441009621666	Option 4 ID :	441009621663	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																	
Question ID :	441009156625																	
Option 1 ID :	441009621664																	
Option 2 ID :	441009621665																	
Option 3 ID :	441009621666																	
Option 4 ID :	441009621663																	
Status :	Answered																	
Chosen Option :	1																	
Q.6	The _____ in an air-conditioning system allows heat to flow from the hot refrigerant to the cooler outside air.	1																
Ans	<input checked="" type="checkbox"/> 1. compressor <input checked="" type="checkbox"/> 2. condenser <input checked="" type="checkbox"/> 3. turbine <input checked="" type="checkbox"/> 4. evaporator																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155429</td></tr> <tr><td>Option 1 ID :</td><td>441009616863</td></tr> <tr><td>Option 2 ID :</td><td>441009616862</td></tr> <tr><td>Option 3 ID :</td><td>441009616865</td></tr> <tr><td>Option 4 ID :</td><td>441009616864</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>			Question Type :	MCQ	Question ID :	441009155429	Option 1 ID :	441009616863	Option 2 ID :	441009616862	Option 3 ID :	441009616865	Option 4 ID :	441009616864	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																	
Question ID :	441009155429																	
Option 1 ID :	441009616863																	
Option 2 ID :	441009616862																	
Option 3 ID :	441009616865																	
Option 4 ID :	441009616864																	
Status :	Answered																	
Chosen Option :	2																	

Q.6	Match the components in Column A with those in Column B.
2	
	Column A Column B
	Thermometer (A) Measuring solar intensity (P)
	Pyrometer (B) Measuring pressure (Q)
	Barometer (C) Measuring high temperatures (R)
	Pyrometer (D) Measuring ordinary temperatures (S)
Ans	<input checked="" type="checkbox"/> 1. A-S, B-R, C-Q, D-P <input type="checkbox"/> 2. A-S, B-Q, C-R, D-P <input type="checkbox"/> 3. A-P, B-R, C-Q, D-S <input type="checkbox"/> 4. A-Q, B-R, C-S, D-P

Question Type :	MCQ
Question ID :	441009155541
Option 1 ID :	441009617310
Option 2 ID :	441009617312
Option 3 ID :	441009617311
Option 4 ID :	441009617313
Status :	Answered
Chosen Option :	1

Q.6	In Duct Insulation of Refrigeration and Air-Conditioning, EPDM stands for _____.
3	
Ans	<input type="checkbox"/> 1. Ethylene Propylene Diene Material <input checked="" type="checkbox"/> 2. Ethylene Propylene Diene Monomer <input type="checkbox"/> 3. Ethylene Polymer Diene Monomer <input type="checkbox"/> 4. Ethyl Propylene Dual Monomer

Question Type :	MCQ
Question ID :	441009155508
Option 1 ID :	441009617179
Option 2 ID :	441009617178
Option 3 ID :	441009617180
Option 4 ID :	441009617181
Status :	Answered
Chosen Option :	2

Q.6	In an air-conditioning system, butterfly dampers and multiple vane dampers are _____.
4	
Ans	<input checked="" type="checkbox"/> 1. duct air-flow controls <input type="checkbox"/> 2. condensers <input type="checkbox"/> 3. duct water-flow controls <input type="checkbox"/> 4. evaporators

Question Type :	MCQ
Question ID :	441009155434
Option 1 ID :	441009616882
Option 2 ID :	441009616884
Option 3 ID :	441009616883
Option 4 ID :	441009616885
Status :	Answered
Chosen Option :	1

Q.6	Which of the following components of an automotive AC system store refrigerant, filter particles, absorb moisture and separate vaporous R134a from liquid R134a?																
5																	
Ans	<input checked="" type="checkbox"/> 1. Accumulator <input type="checkbox"/> 2. Condenser <input type="checkbox"/> 3. Evaporator <input type="checkbox"/> 4. Compressor																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155495</td></tr> <tr><td>Option 1 ID :</td><td>441009617128</td></tr> <tr><td>Option 2 ID :</td><td>441009617126</td></tr> <tr><td>Option 3 ID :</td><td>441009617127</td></tr> <tr><td>Option 4 ID :</td><td>441009617129</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>		Question Type :	MCQ	Question ID :	441009155495	Option 1 ID :	441009617128	Option 2 ID :	441009617126	Option 3 ID :	441009617127	Option 4 ID :	441009617129	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009155495																
Option 1 ID :	441009617128																
Option 2 ID :	441009617126																
Option 3 ID :	441009617127																
Option 4 ID :	441009617129																
Status :	Answered																
Chosen Option :	1																
Q.6	In a lead-acid battery, what is the chemical composition of the material used for the positive plate during discharge?																
6																	
Ans	<input type="checkbox"/> 1. Lead (Pb) <input checked="" type="checkbox"/> 2. Lead dioxide (PbO ₂) <input type="checkbox"/> 3. Sulphuric acid (H ₂ SO ₄) <input type="checkbox"/> 4. Lead sulfate (PbSO ₄)																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156525</td></tr> <tr><td>Option 1 ID :</td><td>441009621266</td></tr> <tr><td>Option 2 ID :</td><td>441009621264</td></tr> <tr><td>Option 3 ID :</td><td>441009621265</td></tr> <tr><td>Option 4 ID :</td><td>441009621263</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>		Question Type :	MCQ	Question ID :	441009156525	Option 1 ID :	441009621266	Option 2 ID :	441009621264	Option 3 ID :	441009621265	Option 4 ID :	441009621263	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009156525																
Option 1 ID :	441009621266																
Option 2 ID :	441009621264																
Option 3 ID :	441009621265																
Option 4 ID :	441009621263																
Status :	Answered																
Chosen Option :	4																
Q.6	_____ is the space where heat exchange takes place in direct expansion plants of Central Industrial Air Conditioning systems.																
7																	
Ans	<input checked="" type="checkbox"/> 1. Air Handling Unit <input type="checkbox"/> 2. Aerosol Handling Unit <input type="checkbox"/> 3. Automotive Handling Unit <input type="checkbox"/> 4. Automobile Handling Unit																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155397</td></tr> <tr><td>Option 1 ID :</td><td>441009616734</td></tr> <tr><td>Option 2 ID :</td><td>441009616737</td></tr> <tr><td>Option 3 ID :</td><td>441009616736</td></tr> <tr><td>Option 4 ID :</td><td>441009616735</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>		Question Type :	MCQ	Question ID :	441009155397	Option 1 ID :	441009616734	Option 2 ID :	441009616737	Option 3 ID :	441009616736	Option 4 ID :	441009616735	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009155397																
Option 1 ID :	441009616734																
Option 2 ID :	441009616737																
Option 3 ID :	441009616736																
Option 4 ID :	441009616735																
Status :	Answered																
Chosen Option :	3																

Q.6	Which of the following parts of the softy machine admits and shuts the flow of an ice cream? 8
Ans	<input checked="" type="checkbox"/> 1. Chumer shaft with conveyor <input checked="" type="checkbox"/> 2. Ice cream outlet valve <input checked="" type="checkbox"/> 3. Shaft bearing <input checked="" type="checkbox"/> 4. Sight glass

Question Type :	MCQ
Question ID :	441009155573
Option 1 ID :	441009617439
Option 2 ID :	441009617441
Option 3 ID :	441009617440
Option 4 ID :	441009617438
Status :	Answered
Chosen Option :	2

Q.6	The liquid can get sub-cooled below the saturation temperature in the: 9
Ans	<input checked="" type="checkbox"/> 1. compressor <input checked="" type="checkbox"/> 2. evaporator <input checked="" type="checkbox"/> 3. expander <input checked="" type="checkbox"/> 4. condenser

Question Type :	MCQ
Question ID :	441009155567
Option 1 ID :	441009617415
Option 2 ID :	441009617414
Option 3 ID :	441009617417
Option 4 ID :	441009617416
Status :	Answered
Chosen Option :	4

Q.7	Arrange the following steps in the correct order to draw an equilateral triangle with each side of 35 mm. 0
	1. Join CA and CB. 2. Draw a line and mark AB 35 mm as the side of the triangle. 3. With radius AB and center A and B, draw arcs cutting at C. 4. ABC is the required triangle.
Ans	<input checked="" type="checkbox"/> 1. 3, 2, 1, 4 <input checked="" type="checkbox"/> 2. 2, 1, 3, 4 <input checked="" type="checkbox"/> 3. 2, 3, 1, 4 <input checked="" type="checkbox"/> 4. 1, 2, 4, 3

Question Type :	MCQ
Question ID :	441009156558
Option 1 ID :	441009621396
Option 2 ID :	441009621397
Option 3 ID :	441009621395
Option 4 ID :	441009621398
Status :	Answered
Chosen Option :	3

Q.7 1	What is the function of a condenser in air-conditioning systems?																
Ans	<input checked="" type="checkbox"/> 1. Prevents chocking of cooling air <input checked="" type="checkbox"/> 2. Picks up heat from return air <input checked="" type="checkbox"/> 3. Blows the cool air to the duct <input checked="" type="checkbox"/> 4. Rejects heat from refrigerant vapour and turns it to liquid																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155408</td></tr> <tr><td>Option 1 ID :</td><td>441009616781</td></tr> <tr><td>Option 2 ID :</td><td>441009616780</td></tr> <tr><td>Option 3 ID :</td><td>441009616779</td></tr> <tr><td>Option 4 ID :</td><td>441009616778</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>		Question Type :	MCQ	Question ID :	441009155408	Option 1 ID :	441009616781	Option 2 ID :	441009616780	Option 3 ID :	441009616779	Option 4 ID :	441009616778	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009155408																
Option 1 ID :	441009616781																
Option 2 ID :	441009616780																
Option 3 ID :	441009616779																
Option 4 ID :	441009616778																
Status :	Answered																
Chosen Option :	4																

Q.7 2	The unit for specific gravity is _____.																
Ans	<input checked="" type="checkbox"/> 1. g/cm ³ <input checked="" type="checkbox"/> 2. kg/m ³ <input checked="" type="checkbox"/> 3. m/s ² <input checked="" type="checkbox"/> 4. no unit (dimensionless)																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156658</td></tr> <tr><td>Option 1 ID :</td><td>441009621796</td></tr> <tr><td>Option 2 ID :</td><td>441009621797</td></tr> <tr><td>Option 3 ID :</td><td>441009621798</td></tr> <tr><td>Option 4 ID :</td><td>441009621795</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>		Question Type :	MCQ	Question ID :	441009156658	Option 1 ID :	441009621796	Option 2 ID :	441009621797	Option 3 ID :	441009621798	Option 4 ID :	441009621795	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009156658																
Option 1 ID :	441009621796																
Option 2 ID :	441009621797																
Option 3 ID :	441009621798																
Option 4 ID :	441009621795																
Status :	Answered																
Chosen Option :	4																

Q.7 3	Which of the following statements is/are correct about a commercial refrigeration system? Statement 1: Condenser water inlet picks up heat from the gas so that it condenses. Statement 2: Condenser water outlet connects hot water to the cooling tower.																
Ans	<input checked="" type="checkbox"/> 1. Neither statement 1 nor statement 2 is correct. <input checked="" type="checkbox"/> 2. Only statement 2 is correct. <input checked="" type="checkbox"/> 3. Only statement 1 is correct. <input checked="" type="checkbox"/> 4. Both statement 1 and statement 2 are correct.																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155409</td></tr> <tr><td>Option 1 ID :</td><td>441009616783</td></tr> <tr><td>Option 2 ID :</td><td>441009616785</td></tr> <tr><td>Option 3 ID :</td><td>441009616784</td></tr> <tr><td>Option 4 ID :</td><td>441009616782</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>		Question Type :	MCQ	Question ID :	441009155409	Option 1 ID :	441009616783	Option 2 ID :	441009616785	Option 3 ID :	441009616784	Option 4 ID :	441009616782	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009155409																
Option 1 ID :	441009616783																
Option 2 ID :	441009616785																
Option 3 ID :	441009616784																
Option 4 ID :	441009616782																
Status :	Answered																
Chosen Option :	4																

<p>Q.7 4</p>	<p>If the current flowing through a conductor is 5 A and the resistance of the conductor is 10 ohms, what will be the voltage across the conductor, according to Ohm's Law?</p>																
<p>Ans</p>	<p><input type="checkbox"/> 1. 15 V</p> <p><input checked="" type="checkbox"/> 2. 50 V</p> <p><input type="checkbox"/> 3. 10 V</p> <p><input type="checkbox"/> 4. 5 V</p>																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156537</td></tr> <tr><td>Option 1 ID :</td><td>441009621312</td></tr> <tr><td>Option 2 ID :</td><td>441009621311</td></tr> <tr><td>Option 3 ID :</td><td>441009621313</td></tr> <tr><td>Option 4 ID :</td><td>441009621314</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>		Question Type :	MCQ	Question ID :	441009156537	Option 1 ID :	441009621312	Option 2 ID :	441009621311	Option 3 ID :	441009621313	Option 4 ID :	441009621314	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009156537																
Option 1 ID :	441009621312																
Option 2 ID :	441009621311																
Option 3 ID :	441009621313																
Option 4 ID :	441009621314																
Status :	Answered																
Chosen Option :	2																
<p>Q.7 5</p>	<p>The low side component of the vapour compression refrigeration system, where the refrigerant absorbs heat by evaporating, is _____.</p>																
<p>Ans</p>	<p><input type="checkbox"/> 1. condenser</p> <p><input type="checkbox"/> 2. discharge line</p> <p><input checked="" type="checkbox"/> 3. suction line</p> <p><input type="checkbox"/> 4. compressor</p>																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155530</td></tr> <tr><td>Option 1 ID :</td><td>441009617268</td></tr> <tr><td>Option 2 ID :</td><td>441009617269</td></tr> <tr><td>Option 3 ID :</td><td>441009617266</td></tr> <tr><td>Option 4 ID :</td><td>441009617267</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>		Question Type :	MCQ	Question ID :	441009155530	Option 1 ID :	441009617268	Option 2 ID :	441009617269	Option 3 ID :	441009617266	Option 4 ID :	441009617267	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009155530																
Option 1 ID :	441009617268																
Option 2 ID :	441009617269																
Option 3 ID :	441009617266																
Option 4 ID :	441009617267																
Status :	Answered																
Chosen Option :	3																

