

**RRB ALP
CBT-II**

**Previous Year Paper
(Fitter)**

06 May, 2025 Shift 1



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



Roll Number	
Candidate Name	
Test Center Name	
Community	
Test Date	06/05/2025
Test Time	9:30 AM - 12:00 PM
Subject	Fitter
Application Photograph	
Exam Day Photograph	

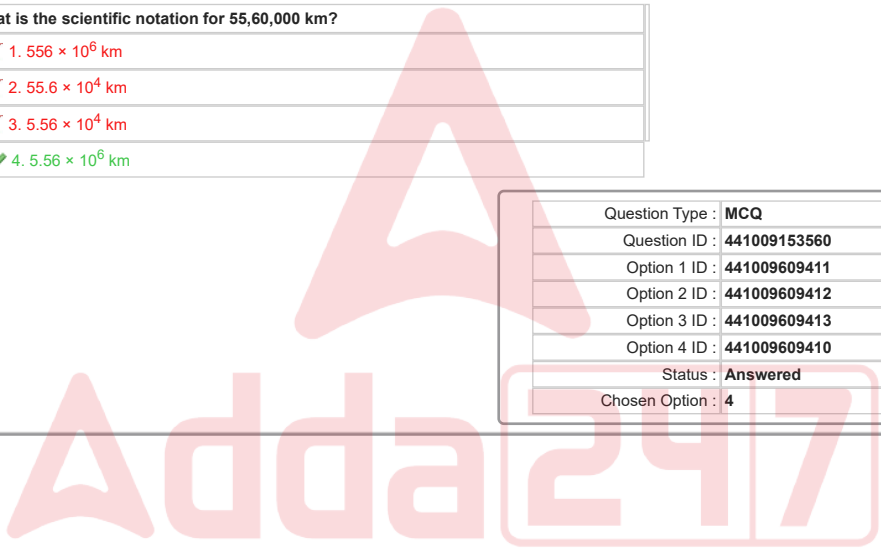
* Note

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	The list price of an article is ₹5,000 and a discount of 70% is offered on the list price. What additional discount per cent on the already discounted price must be offered to a customer to bring the net selling price to ₹1,275?																
Ans	<input checked="" type="checkbox"/> 1. 15% <input type="checkbox"/> 2. 18% <input type="checkbox"/> 3. 16% <input type="checkbox"/> 4. 10%																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153608</td></tr> <tr><td>Option 1 ID :</td><td>441009609602</td></tr> <tr><td>Option 2 ID :</td><td>441009609604</td></tr> <tr><td>Option 3 ID :</td><td>441009609605</td></tr> <tr><td>Option 4 ID :</td><td>441009609603</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 :	441009153608	Option 1 ID :	441009609602	Option 2 ID :	441009609604	Option 3 ID :	441009609605	Option 4 ID :	441009609603	Status :	Answered	Chosen Option :	1
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Option 3 ID :	441009609605																
Option 4 ID :	441009609603																
Status :	Answered																
Chosen Option :	1																
Q.2	What is the scientific notation for 55,60,000 km?																
Ans	<input type="checkbox"/> 1. 556×10^6 km <input type="checkbox"/> 2. 55.6×10^4 km <input type="checkbox"/> 3. 5.56×10^4 km <input checked="" type="checkbox"/> 4. 5.56×10^6 km																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153560</td></tr> <tr><td>Option 1 ID :</td><td>441009609411</td></tr> <tr><td>Option 2 ID :</td><td>441009609412</td></tr> <tr><td>Option 3 ID :</td><td>441009609413</td></tr> <tr><td>Option 4 ID :</td><td>441009609410</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 :	441009153560	Option 1 ID :	441009609411	Option 2 ID :	441009609412	Option 3 ID :	441009609413	Option 4 ID :	441009609410	Status :	Answered	Chosen Option :	4
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Option 2 ID :	441009609412																
Option 3 ID :	441009609413																
Option 4 ID :	441009609410																
Status :	Answered																
Chosen Option :	4																



Q.3 Match the following, according to lettering and numbering (uppercase lettering) as per BIS SP: 46-2003.

Width (W) Capital letters
 (A) 5 (I) W
 (B) 6 (II) A, M, Q, V, X, Y
 (C) 7 (III) B, D, G, H, K, N, O, P, R, S, T, U and Z
 (D) 9 (IV) C, E, F, L

Ans 1. A-(I), B-(III), C-(II), D-(IV)
 2. A-(IV), B-(III), C-(II), D-(I)
 3. A-(IV), B-(II), C-(III), D-(I)
 4. A-(IV), B-(III), C-(I), D-(II)

Question Type :	MCQ
Question ID :	441009156546
Option 1 ID :	441009621348
Option 2 ID :	441009621347
Option 3 ID :	441009621349
Option 4 ID :	441009621350
Status :	Answered
Chosen Option :	2

Q.4 Find the value of $x^2 + y^2$, given that, $x = 7 + \sqrt{1}$, $y = 7 - \sqrt{1}$.

Ans 1. 69
 2. 56
 3. 98
 4. 100

Question Type :	MCQ
Question ID :	441009153616
Option 1 ID :	441009609637
Option 2 ID :	441009609635
Option 3 ID :	441009609636
Option 4 ID :	441009609634
Status :	Answered
Chosen Option :	4

Q.5	The resistance of a metallic wire is R. If the radius of the metallic wire is reduced to half of its initial value while keeping all other parameters the same, the new resistance becomes _____.																
Ans	<div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"><input checked="" type="checkbox"/> 1. 2R</div> <div style="display: flex; align-items: center;"><input checked="" type="checkbox"/> 2. $\frac{R}{4}$</div> <div style="display: flex; align-items: center;"><input checked="" type="checkbox"/> 3. $\frac{R}{2}$</div> <div style="display: flex; align-items: center;"><input checked="" type="checkbox"/> 4. 4R</div> </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>441009153488</td></tr> <tr><td>Option 1 ID :</td><td>441009609122</td></tr> <tr><td>Option 2 ID :</td><td>441009609125</td></tr> <tr><td>Option 3 ID :</td><td>441009609124</td></tr> <tr><td>Option 4 ID :</td><td>441009609123</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 :	441009153488	Option 1 ID :	441009609122	Option 2 ID :	441009609125	Option 3 ID :	441009609124	Option 4 ID :	441009609123	Status :	Answered	Chosen Option :	4
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Option 3 ID :	441009609124																
Option 4 ID :	441009609123																
Status :	Answered																
Chosen Option :	4																
Q.6	Which of the following options is correct when two objects at the same temperature are kept in contact with each other?																
Ans	<div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"><input checked="" type="checkbox"/> 1. Heat is transferred from object 1 to object 2.</div> <div style="display: flex; align-items: center;"><input checked="" type="checkbox"/> 2. Both objects transfer heat to each other.</div> <div style="display: flex; align-items: center;"><input checked="" type="checkbox"/> 3. No heat is transferred.</div> <div style="display: flex; align-items: center;"><input checked="" type="checkbox"/> 4. Heat is transferred from object 2 to object 1.</div> </div>																
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Option 2 ID :	441009613269																
Option 3 ID :	441009613268																
Option 4 ID :	441009613267																
Status :	Answered																
Chosen Option :	3																
Q.7	Which of the following is NOT one of the 5S principles?																
Ans	<div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"><input checked="" type="checkbox"/> 1. Standardise</div> <div style="display: flex; align-items: center;"><input checked="" type="checkbox"/> 2. Sort</div> <div style="display: flex; align-items: center;"><input checked="" type="checkbox"/> 3. Sustain</div> <div style="display: flex; align-items: center;"><input checked="" type="checkbox"/> 4. Supervise</div> </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>441009156589</td></tr> <tr><td>Option 1 ID :</td><td>441009621520</td></tr> <tr><td>Option 2 ID :</td><td>441009621519</td></tr> <tr><td>Option 3 ID :</td><td>441009621522</td></tr> <tr><td>Option 4 ID :</td><td>441009621521</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 :	441009156589	Option 1 ID :	441009621520	Option 2 ID :	441009621519	Option 3 ID :	441009621522	Option 4 ID :	441009621521	Status :	Answered	Chosen Option :	4
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Option 2 ID :	441009621519																
Option 3 ID :	441009621522																
Option 4 ID :	441009621521																
Status :	Answered																
Chosen Option :	4																

Q.8	What is the amount of work done in moving a charge of 6 C from a point with a potential of 120 V to a point with a potential of 140 V?
Ans	<input checked="" type="checkbox"/> 1. 840 J <input checked="" type="checkbox"/> 2. 3.33 J <input checked="" type="checkbox"/> 3. 720 J <input checked="" type="checkbox"/> 4. 120 J

Question Type :	MCQ
Question ID :	441009153508
Option 1 ID :	441009609204
Option 2 ID :	441009609203
Option 3 ID :	441009609205
Option 4 ID :	441009609202
Status :	Answered
Chosen Option :	4

Q.9	<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 conclusion(s) logically follow(s) from the statements.</p> <p>Statements: Some ships are boats. All boats are submarines. Some submarines are yachts</p> <p>Conclusions: (I) Some yachts are boats. (II) Some yachts are ships.</p>
Ans	<input checked="" type="checkbox"/> 1. Only conclusion (II) follows. <input checked="" type="checkbox"/> 2. Neither conclusion (I) nor (II) follows. <input checked="" type="checkbox"/> 3. Both conclusions (I) and (II) follow. <input checked="" type="checkbox"/> 4. Only conclusion (I) follows.

Question Type :	MCQ
Question ID :	441009155654
Option 1 ID :	441009617784
Option 2 ID :	441009617785
Option 3 ID :	441009617786
Option 4 ID :	441009617783
Status :	Answered
Chosen Option :	2

Q.1
0 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 pair)

- Ans**
- 1. MF – HJ
 - 2. WP – RS
 - 3. DW – YA
 - 4. SL – NP

Question Type :	MCQ
Question ID :	441009155645
Option 1 ID :	441009617747
Option 2 ID :	441009617748
Option 3 ID :	441009617749
Option 4 ID :	441009617750
Status :	Answered
Chosen Option :	2

Q.1
1 In a clearance sale of electronic items, an item whose marked price was ₹12,225 is now sold for ₹10,758, d% is the discount percentage on the item. The value of d is:

- Ans**
- 1. 11%
 - 2. 12%
 - 3. 14%
 - 4. 13%

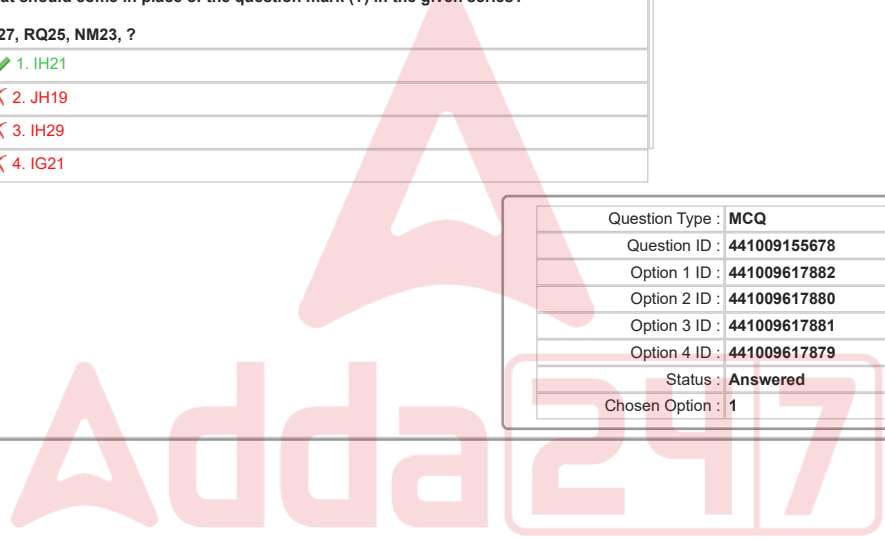
Question Type :	MCQ
Question ID :	441009153603
Option 1 ID :	441009609583
Option 2 ID :	441009609582
Option 3 ID :	441009609585
Option 4 ID :	441009609584
Status :	Answered
Chosen Option :	2

Q.1
2 Calculate the energy possessed by an object of mass 10 kg when it is raised to a height of 5 m from the ground. Given: $g = 9.8 \text{ m s}^{-2}$.

- Ans**
- 1. 400 J
 - 2. 450 J
 - 3. 500 J
 - 4. 490 J

Question Type :	MCQ
Question ID :	441009153500
Option 1 ID :	441009609172
Option 2 ID :	441009609173
Option 3 ID :	441009609171
Option 4 ID :	441009609170
Status :	Answered
Chosen Option :	4

<p>Q.1 3</p>	<p>The areas of three adjacent faces of a solid cuboid are 162 cm^2, 144 cm^2 and 50 cm^2. What is the volume (in cm^3) of the cuboid?</p>																
<p>Ans</p>	<p>✓ 1. 1080</p> <p>✗ 2. 1365</p> <p>✗ 3. 833</p> <p>✗ 4. 805</p>																
<table border="1" style="border-collapse: collapse; width: 250px;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153666</td></tr> <tr><td>Option 1 ID :</td><td>441009609834</td></tr> <tr><td>Option 2 ID :</td><td>441009609836</td></tr> <tr><td>Option 3 ID :</td><td>441009609835</td></tr> <tr><td>Option 4 ID :</td><td>441009609837</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 :	441009153666	Option 1 ID :	441009609834	Option 2 ID :	441009609836	Option 3 ID :	441009609835	Option 4 ID :	441009609837	Status :	Not Answered	Chosen Option :	--
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Option 2 ID :	441009609836																
Option 3 ID :	441009609835																
Option 4 ID :	441009609837																
Status :	Not Answered																
Chosen Option :	--																
<p>Q.1 4</p>	<p>What should come in place of the question mark (?) in the given series? UT27, RQ25, NM23, ?</p>																
<p>Ans</p>	<p>✓ 1. IH21</p> <p>✗ 2. JH19</p> <p>✗ 3. IH29</p> <p>✗ 4. IG21</p>																
<table border="1" style="border-collapse: collapse; width: 250px;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155678</td></tr> <tr><td>Option 1 ID :</td><td>441009617882</td></tr> <tr><td>Option 2 ID :</td><td>441009617880</td></tr> <tr><td>Option 3 ID :</td><td>441009617881</td></tr> <tr><td>Option 4 ID :</td><td>441009617879</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 :	441009155678	Option 1 ID :	441009617882	Option 2 ID :	441009617880	Option 3 ID :	441009617881	Option 4 ID :	441009617879	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009617880																
Option 3 ID :	441009617881																
Option 4 ID :	441009617879																
Status :	Answered																
Chosen Option :	1																



Q.1 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 three people sit to the right of R. D faces the person who is the immediate neighbour of S and P. C faces the person who sits second to the left of S. R does not face A.
Who amongst the following faces B?

- Ans**
- 1. S
 - 2. Q
 - 3. P
 - 4. R

Question Type :	MCQ
Question ID :	441009155639
Option 1 ID :	441009617725
Option 2 ID :	441009617726
Option 3 ID :	441009617723
Option 4 ID :	441009617724
Status :	Answered
Chosen Option :	4

Q.1 In Engineering Drawing, principal lines are drawn to represent _____.

- Ans**
- 1. interior or hidden edges
 - 2. visible edges and surface boundaries of objects
 - 3. axes of cylindrical, conical or spherical objects
 - 4. wide lines along which the prints are trimmed

Question Type :	MCQ
Question ID :	441009156542
Option 1 ID :	441009621333
Option 2 ID :	441009621331
Option 3 ID :	441009621334
Option 4 ID :	441009621332
Status :	Answered
Chosen Option :	2

<p>Q.1 7</p>	<p>Which key combination is commonly used for copying text in many text editing applications in Windows?</p>																	
<p>Ans</p>	<p>✓ 1. Ctrl+C</p> <p>✗ 2. Ctrl+S</p> <p>✗ 3. Tab</p> <p>✗ 4. Ctrl+V</p>																	
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Option 4 ID :	441009621886																	
Status :	Answered																	
Chosen Option :	1																	
<p>Q.1 8</p>	<p>Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets?</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>11 – 121 – 221 – 171; 27 – 729 – 829 – 779</p>																	
<p>Ans</p>	<p>✗ 1. 16 – 196 – 296 – 246</p> <p>✓ 2. 25 – 625 – 725 – 675</p> <p>✗ 3. 13 – 169 – 244 – 188</p> <p>✗ 4. 23 – 529 – 629 – 589</p>																	
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Option 4 ID :	441009617545																	
Status :	Answered																	
Chosen Option :	2																	

Q.1 9	The floor of a rectangular hall has a perimeter of 220 m. If the cost of painting the four walls at the rate of ₹10 per m ² is ₹11,000, then find the volume of the hall.																	
Ans	<input checked="" type="checkbox"/> 1. 19,200 m ³ <input checked="" type="checkbox"/> 2. 19,520 m ³ <input checked="" type="checkbox"/> 3. 18,250 m ³ <input checked="" type="checkbox"/> 4. 19,250 m ³																	
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Option 3 ID :	441009609866																	
Option 4 ID :	441009609869																	
Status :	Not Answered																	
Chosen Option :	--																	
Q.2 0	Jaspreet deposited a sum of ₹12,800 at 5% rate of interest per annum, compounded annually. The total amount (in ₹) received by Jaspreet after 2 years will be:																	
Ans	<input checked="" type="checkbox"/> 1. 14,442 <input checked="" type="checkbox"/> 2. 14,112 <input checked="" type="checkbox"/> 3. 13,997 <input checked="" type="checkbox"/> 4. 14,512																	
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Status :	Answered																	
Chosen Option :	2																	
Q.2 1	Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern. JK - LM - NO TU - VW - XY																	
Ans	<input checked="" type="checkbox"/> 1. DE - FG - KL <input checked="" type="checkbox"/> 2. WE - DF - HI <input checked="" type="checkbox"/> 3. DE - FB - DF <input checked="" type="checkbox"/> 4. DE - FG - HI																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155650</td></tr> <tr><td>Option 1 ID :</td><td>441009617768</td></tr> <tr><td>Option 2 ID :</td><td>441009617770</td></tr> <tr><td>Option 3 ID :</td><td>441009617769</td></tr> <tr><td>Option 4 ID :</td><td>441009617767</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 :	441009155650	Option 1 ID :	441009617768	Option 2 ID :	441009617770	Option 3 ID :	441009617769	Option 4 ID :	441009617767	Status :	Answered	Chosen Option :	4
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Option 1 ID :	441009617768																	
Option 2 ID :	441009617770																	
Option 3 ID :	441009617769																	
Option 4 ID :	441009617767																	
Status :	Answered																	
Chosen Option :	4																	

Q.2 A can complete a piece of work in 18 days. B can complete it in 14 days. With the assistance of C, they completed the work in 7 days. C alone can complete it in _____ days.

Ans 1. 64
 2. 36
 3. 42
 4. 63

Question Type :	MCQ
Question ID :	441009153597
Option 1 ID :	441009609560
Option 2 ID :	441009609559
Option 3 ID :	441009609561
Option 4 ID :	441009609558
Status :	Answered
Chosen Option :	4

Q.2 Mangal starts from Point A and walks 14 m towards north. He takes a right turn, walks 9 m and then takes a right turn, walks 37 m, reaches Point B and stops. Jayanti starts from Point Z which is 15 m towards the east of Point B. She walks 11 m towards east, takes a left turn, walks 42 m, turns left and walks 63 m, turns left and walks 19 m and stops at Point Y. What is the shortest distance between Point A and Point Y? (All turns are 90 degree turns only.)

Ans 1. 31 m
 2. 26 m
 3. 25 m
 4. 28 m

Question Type :	MCQ
Question ID :	441009155634
Option 1 ID :	441009617706
Option 2 ID :	441009617705
Option 3 ID :	441009617704
Option 4 ID :	441009617703
Status :	Not Answered
Chosen Option :	--

<p>Q.2 4</p>	<p>Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets?</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>4 – 8 – 18 – 9 6 – 12 – 22 – 11</p>																	
<p>Ans</p>	<p>✓ 1. 8 – 16 – 26 – 13</p> <p>✗ 2. 9 – 18 – 28 – 20</p> <p>✗ 3. 11 – 13 – 22 – 63</p> <p>✗ 4. 3 – 15 – 12 – 20</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>441009155600</td></tr> <tr><td>Option 1 ID :</td><td>441009617569</td></tr> <tr><td>Option 2 ID :</td><td>441009617570</td></tr> <tr><td>Option 3 ID :</td><td>441009617568</td></tr> <tr><td>Option 4 ID :</td><td>441009617567</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 :	441009155600	Option 1 ID :	441009617569	Option 2 ID :	441009617570	Option 3 ID :	441009617568	Option 4 ID :	441009617567	Status :	Answered	Chosen Option :	1
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Option 1 ID :	441009617569																	
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Option 3 ID :	441009617568																	
Option 4 ID :	441009617567																	
Status :	Answered																	
Chosen Option :	1																	
<p>Q.2 5</p>	<p>Which of the following represents an item with kinetic energy?</p>																	
<p>Ans</p>	<p>✓ 1. A stone in motion</p> <p>✗ 2. An extended rubber band</p> <p>✗ 3. A book resting on a table</p> <p>✗ 4. A compressed spring</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>441009160695</td></tr> <tr><td>Option 1 ID :</td><td>441009636567</td></tr> <tr><td>Option 2 ID :</td><td>441009636566</td></tr> <tr><td>Option 3 ID :</td><td>441009636565</td></tr> <tr><td>Option 4 ID :</td><td>441009636568</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 :	441009160695	Option 1 ID :	441009636567	Option 2 ID :	441009636566	Option 3 ID :	441009636565	Option 4 ID :	441009636568	Status :	Answered	Chosen Option :	1
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Option 1 ID :	441009636567																	
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Option 3 ID :	441009636565																	
Option 4 ID :	441009636568																	
Status :	Answered																	
Chosen Option :	1																	

Q.2 6	What should come in place of the question mark (?) in the given alpha-numeric series? 2M, 5O, 10R, 13T, 18W, 21Y, ?																
Ans	<input checked="" type="checkbox"/> 1. 26A <input checked="" type="checkbox"/> 2. 24B <input checked="" type="checkbox"/> 3. 26C <input checked="" type="checkbox"/> 4. 26B																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155674</td></tr> <tr><td>Option 1 ID :</td><td>441009617865</td></tr> <tr><td>Option 2 ID :</td><td>441009617863</td></tr> <tr><td>Option 3 ID :</td><td>441009617864</td></tr> <tr><td>Option 4 ID :</td><td>441009617866</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 :	441009155674	Option 1 ID :	441009617865	Option 2 ID :	441009617863	Option 3 ID :	441009617864	Option 4 ID :	441009617866	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009155674																
Option 1 ID :	441009617865																
Option 2 ID :	441009617863																
Option 3 ID :	441009617864																
Option 4 ID :	441009617866																
Status :	Answered																
Chosen Option :	4																
Q.2 7	If an electric heater draws a current of 5 A when the potential difference across its terminals is 75 V, what current will it draw when the potential difference is increased to 150 V?																
Ans	<input checked="" type="checkbox"/> 1. 10 A <input checked="" type="checkbox"/> 2. 30 A <input checked="" type="checkbox"/> 3. 15 A <input checked="" type="checkbox"/> 4. 20 A																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153507</td></tr> <tr><td>Option 1 ID :</td><td>441009609199</td></tr> <tr><td>Option 2 ID :</td><td>441009609200</td></tr> <tr><td>Option 3 ID :</td><td>441009609198</td></tr> <tr><td>Option 4 ID :</td><td>441009609201</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 :	441009153507	Option 1 ID :	441009609199	Option 2 ID :	441009609200	Option 3 ID :	441009609198	Option 4 ID :	441009609201	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009153507																
Option 1 ID :	441009609199																
Option 2 ID :	441009609200																
Option 3 ID :	441009609198																
Option 4 ID :	441009609201																
Status :	Answered																
Chosen Option :	1																
Q.2 8	What is the main function of the Transport Layer in the internet architecture?																
Ans	<input checked="" type="checkbox"/> 1. Routing of packets <input checked="" type="checkbox"/> 2. Data encapsulation <input checked="" type="checkbox"/> 3. Reliable data transfer and error correction <input checked="" type="checkbox"/> 4. IP addressing																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156670</td></tr> <tr><td>Option 1 ID :</td><td>441009621844</td></tr> <tr><td>Option 2 ID :</td><td>441009621843</td></tr> <tr><td>Option 3 ID :</td><td>441009621845</td></tr> <tr><td>Option 4 ID :</td><td>441009621846</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 :	441009156670	Option 1 ID :	441009621844	Option 2 ID :	441009621843	Option 3 ID :	441009621845	Option 4 ID :	441009621846	Status :	Not Answered	Chosen Option :	--
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Option 2 ID :	441009621843																
Option 3 ID :	441009621845																
Option 4 ID :	441009621846																
Status :	Not Answered																
Chosen Option :	--																

<p>Q.2</p> <p>9</p>	<p>In a business, Tushar invests in ₹10,000 and Salil invests in ₹20,000. Tushar received 10% of the profit for managing the business and the rest of the profit is divided in the ratio of their capitals. Find Tushar's share of the profit (in ₹) in a profit of ₹14,400.</p>																
<p>Ans</p>	<p>✓ 1. 5,760</p> <p>✗ 2. 5,510</p> <p>✗ 3. 5,610</p> <p>✗ 4. 5,910</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>441009153601</td></tr> <tr><td>Option 1 ID :</td><td>441009609574</td></tr> <tr><td>Option 2 ID :</td><td>441009609575</td></tr> <tr><td>Option 3 ID :</td><td>441009609576</td></tr> <tr><td>Option 4 ID :</td><td>441009609577</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 :	441009153601	Option 1 ID :	441009609574	Option 2 ID :	441009609575	Option 3 ID :	441009609576	Option 4 ID :	441009609577	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009609575																
Option 3 ID :	441009609576																
Option 4 ID :	441009609577																
Status :	Answered																
Chosen Option :	1																
<p>Q.3</p> <p>0</p>	<p>Which of the following correctly describes the direction of electric current?</p>																
<p>Ans</p>	<p>✓ 1. Opposite to the direction of electron flow</p> <p>✗ 2. Same as the direction of electron flow</p> <p>✗ 3. From low potential to high potential</p> <p>✗ 4. Opposite to the direction of positive charge flow</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>441009153493</td></tr> <tr><td>Option 1 ID :</td><td>441009609143</td></tr> <tr><td>Option 2 ID :</td><td>441009609144</td></tr> <tr><td>Option 3 ID :</td><td>441009609142</td></tr> <tr><td>Option 4 ID :</td><td>441009609145</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 :	441009153493	Option 1 ID :	441009609143	Option 2 ID :	441009609144	Option 3 ID :	441009609142	Option 4 ID :	441009609145	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
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Option 1 ID :	441009609143																
Option 2 ID :	441009609144																
Option 3 ID :	441009609142																
Option 4 ID :	441009609145																
Status :	Answered																
Chosen Option :	1																



Q.3
1 In this question, a statement is given followed by two courses of action, numbered I and II. You must assume everything in the statement to be true, and on the basis of the information given in the statement, decide which of the given courses of action logically follow(s) for pursuing.

Statement:

A major fire broke out this afternoon in a mall in Jaipur, causing several casualties amongst the people present inside.

Courses of Action:

The police must check to see if the fire safety regulations were followed by the mall. Traffic police must divert traffic away from the fire site, to enable evacuation of people.

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

Question Type : **MCQ**

Question ID : **441009155684**

Option 1 ID : **441009617905**

Option 2 ID : **441009617906**

Option 3 ID : **441009617904**

Option 4 ID : **441009617903**

Status : **Answered**

Chosen Option : **2**

Q.3

2

Match the following.

- (A) Continuous thick lines (P) Projection lines
- (B) Hidden lines (Q) Principal lines
- (C) Outlines (R) Dotted lines
- (D) Extension lines (S) Object lines

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

Question Type : **MCQ**

Question ID : **441009156541**

Option 1 ID : **441009621329**

Option 2 ID : **441009621328**

Option 3 ID : **441009621327**

Option 4 ID : **441009621330**

Status : **Answered**

Chosen Option : **3**

<p>Q.3 Select the pair that follows the same pattern as the one followed by the two sets of pairs given below. Both pairs follow the same pattern.</p> <p>3</p> <p>BSR : GQW LOB : QMG</p> <p>Ans <input type="checkbox"/> 1. KRW : NPZ</p> <p><input checked="" type="checkbox"/> 2. RWH : WUM</p> <p><input type="checkbox"/> 3. HVD : LTH</p> <p><input type="checkbox"/> 4. QGT : TDW</p>	<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155636</td></tr> <tr><td>Option 1 ID :</td><td>441009617714</td></tr> <tr><td>Option 2 ID :</td><td>441009617712</td></tr> <tr><td>Option 3 ID :</td><td>441009617711</td></tr> <tr><td>Option 4 ID :</td><td>441009617713</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 :	441009155636	Option 1 ID :	441009617714	Option 2 ID :	441009617712	Option 3 ID :	441009617711	Option 4 ID :	441009617713	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009155636																
Option 1 ID :	441009617714																
Option 2 ID :	441009617712																
Option 3 ID :	441009617711																
Option 4 ID :	441009617713																
Status :	Answered																
Chosen Option :	2																
<p>Q.3 Which of the following is a poor conductor of heat?</p> <p>4</p> <p>Ans <input checked="" type="checkbox"/> 1. Wool</p> <p><input type="checkbox"/> 2. Copper</p> <p><input type="checkbox"/> 3. Aluminium rod</p> <p><input type="checkbox"/> 4. Steel spoon</p>	<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154517</td></tr> <tr><td>Option 1 ID :</td><td>441009613231</td></tr> <tr><td>Option 2 ID :</td><td>441009613230</td></tr> <tr><td>Option 3 ID :</td><td>441009613233</td></tr> <tr><td>Option 4 ID :</td><td>441009613232</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 :	441009154517	Option 1 ID :	441009613231	Option 2 ID :	441009613230	Option 3 ID :	441009613233	Option 4 ID :	441009613232	Status :	Answered	Chosen Option :	1
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Question ID :	441009154517																
Option 1 ID :	441009613231																
Option 2 ID :	441009613230																
Option 3 ID :	441009613233																
Option 4 ID :	441009613232																
Status :	Answered																
Chosen Option :	1																
<p>Q.3 Which of the following features allows the user to quickly find emails received from a specific sender?</p> <p>5</p> <p>Ans <input type="checkbox"/> 1. Draft</p> <p><input type="checkbox"/> 2. Archive</p> <p><input type="checkbox"/> 3. Filter</p> <p><input checked="" type="checkbox"/> 4. Sort</p>	<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156675</td></tr> <tr><td>Option 1 ID :</td><td>441009621866</td></tr> <tr><td>Option 2 ID :</td><td>441009621865</td></tr> <tr><td>Option 3 ID :</td><td>441009621864</td></tr> <tr><td>Option 4 ID :</td><td>441009621863</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 :	441009156675	Option 1 ID :	441009621866	Option 2 ID :	441009621865	Option 3 ID :	441009621864	Option 4 ID :	441009621863	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009156675																
Option 1 ID :	441009621866																
Option 2 ID :	441009621865																
Option 3 ID :	441009621864																
Option 4 ID :	441009621863																
Status :	Answered																
Chosen Option :	3																

<p>Q.3 6</p>	<p>The resistances of 30 ohm, 20 ohm and 60 ohm are connected in parallel. The equivalent resistance of the combination is _____.</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. 110 ohm</p> <p><input type="checkbox"/> 2. 0.1 ohm</p> <p><input type="checkbox"/> 3. 12 ohm</p> <p><input checked="" type="checkbox"/> 4. 10 ohm</p>																	
<table border="1" style="border-collapse: collapse; width: 100%;"> <tbody> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153489</td></tr> <tr><td>Option 1 ID :</td><td>441009609128</td></tr> <tr><td>Option 2 ID :</td><td>441009609126</td></tr> <tr><td>Option 3 ID :</td><td>441009609127</td></tr> <tr><td>Option 4 ID :</td><td>441009609129</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </tbody> </table>			Question Type :	MCQ	Question ID :	441009153489	Option 1 ID :	441009609128	Option 2 ID :	441009609126	Option 3 ID :	441009609127	Option 4 ID :	441009609129	Status :	Answered	Chosen Option :	4
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Question ID :	441009153489																	
Option 1 ID :	441009609128																	
Option 2 ID :	441009609126																	
Option 3 ID :	441009609127																	
Option 4 ID :	441009609129																	
Status :	Answered																	
Chosen Option :	4																	
<p>Q.3 7</p>	<p>What should come in place of the question mark (?) in the given series? 87 118 149 ? 211 242</p>																	
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. 180</p> <p><input type="checkbox"/> 2. 171</p> <p><input type="checkbox"/> 3. 199</p> <p><input type="checkbox"/> 4. 188</p>																	
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Question ID :	441009155605																	
Option 1 ID :	441009617588																	
Option 2 ID :	441009617587																	
Option 3 ID :	441009617590																	
Option 4 ID :	441009617589																	
Status :	Answered																	
Chosen Option :	1																	
<p>Q.3 8</p>	<p>If the sum of lengths of two adjacent sides of a parallelogram is 12 cm, then the perimeter of the parallelogram is:</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. 34 cm</p> <p><input checked="" type="checkbox"/> 2. 24 cm</p> <p><input type="checkbox"/> 3. 36 cm</p> <p><input type="checkbox"/> 4. 20 cm</p>																	
<table border="1" style="border-collapse: collapse; width: 100%;"> <tbody> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153673</td></tr> <tr><td>Option 1 ID :</td><td>441009609865</td></tr> <tr><td>Option 2 ID :</td><td>441009609862</td></tr> <tr><td>Option 3 ID :</td><td>441009609864</td></tr> <tr><td>Option 4 ID :</td><td>441009609863</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </tbody> </table>			Question Type :	MCQ	Question ID :	441009153673	Option 1 ID :	441009609865	Option 2 ID :	441009609862	Option 3 ID :	441009609864	Option 4 ID :	441009609863	Status :	Answered	Chosen Option :	2
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Question ID :	441009153673																	
Option 1 ID :	441009609865																	
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Option 4 ID :	441009609863																	
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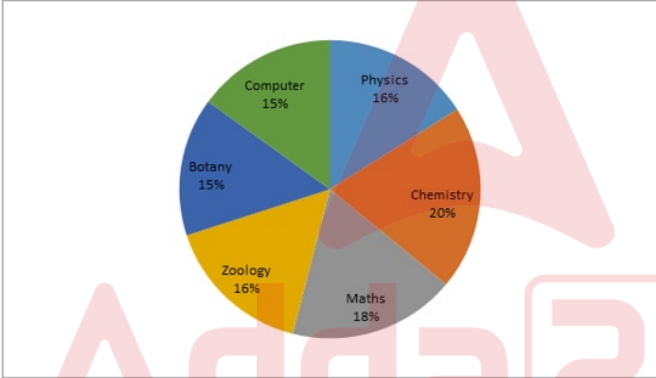
Q.3 A is thrice as good a workman as B and together they can finish a piece of work in 12 days. In how many days can A alone finish the work?

Ans 1. 12 days
 2. 14 days
 3. 16 days
 4. 18 days

Question Type :	MCQ
Question ID :	441009153651
Option 1 ID :	441009609774
Option 2 ID :	441009609775
Option 3 ID :	441009609776
Option 4 ID :	441009609777
Status :	Answered
Chosen Option :	3

Q.4 Study the given pie chart and answer the question that follows.

The given pie chart indicates the percentage-wise breakup of students in different subjects. The total number of students in the college is 5000.



What is the ratio of the students studying Zoology to the students studying Botany?

Ans 1. 16 : 15
 2. 15 : 14
 3. 15 : 16
 4. 14 : 15

Question Type :	MCQ
Question ID :	441009155611
Option 1 ID :	441009617611
Option 2 ID :	441009617614
Option 3 ID :	441009617612
Option 4 ID :	441009617613
Status :	Answered
Chosen Option :	1

Q.4 1	Alloys are preferred over pure metals in electrical heating devices:																	
Ans	<input checked="" type="checkbox"/> 1. because the resistivity of an alloy is lower than that of its constituent metals. <input checked="" type="checkbox"/> 2. because the elasticity of an alloy is higher than that of its constituent metals. <input checked="" type="checkbox"/> 3. because the resistivity of an alloy is generally higher than its constituent metals. <input checked="" type="checkbox"/> 4. because alloys oxidise (burn) readily at high temperatures.																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153506</td></tr> <tr><td>Option 1 ID :</td><td>441009609195</td></tr> <tr><td>Option 2 ID :</td><td>441009609196</td></tr> <tr><td>Option 3 ID :</td><td>441009609194</td></tr> <tr><td>Option 4 ID :</td><td>441009609197</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 :	441009153506	Option 1 ID :	441009609195	Option 2 ID :	441009609196	Option 3 ID :	441009609194	Option 4 ID :	441009609197	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																	
Question ID :	441009153506																	
Option 1 ID :	441009609195																	
Option 2 ID :	441009609196																	
Option 3 ID :	441009609194																	
Option 4 ID :	441009609197																	
Status :	Answered																	
Chosen Option :	3																	
Q.4 2	The heat developed in a 5 ohm resistor in 2 minutes when a 2A current passes through it is _____.																	
Ans	<input checked="" type="checkbox"/> 1. 1000 J <input checked="" type="checkbox"/> 2. 40 J <input checked="" type="checkbox"/> 3. 500 J <input checked="" type="checkbox"/> 4. 2400 J																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153491</td></tr> <tr><td>Option 1 ID :</td><td>441009609134</td></tr> <tr><td>Option 2 ID :</td><td>441009609136</td></tr> <tr><td>Option 3 ID :</td><td>441009609135</td></tr> <tr><td>Option 4 ID :</td><td>441009609137</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 :	441009153491	Option 1 ID :	441009609134	Option 2 ID :	441009609136	Option 3 ID :	441009609135	Option 4 ID :	441009609137	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009153491																	
Option 1 ID :	441009609134																	
Option 2 ID :	441009609136																	
Option 3 ID :	441009609135																	
Option 4 ID :	441009609137																	
Status :	Answered																	
Chosen Option :	4																	
Q.4 3	Which of the following is an application of the 5S concept in a workshop?																	
Ans	<input checked="" type="checkbox"/> 1. Using extra tools without proper storage <input checked="" type="checkbox"/> 2. Increasing the number of safety supervisors <input checked="" type="checkbox"/> 3. Removing safety protocols to improve efficiency <input checked="" type="checkbox"/> 4. Keeping tools and materials organised for easy access																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156588</td></tr> <tr><td>Option 1 ID :</td><td>441009621518</td></tr> <tr><td>Option 2 ID :</td><td>441009621516</td></tr> <tr><td>Option 3 ID :</td><td>441009621517</td></tr> <tr><td>Option 4 ID :</td><td>441009621515</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 :	441009156588	Option 1 ID :	441009621518	Option 2 ID :	441009621516	Option 3 ID :	441009621517	Option 4 ID :	441009621515	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009156588																	
Option 1 ID :	441009621518																	
Option 2 ID :	441009621516																	
Option 3 ID :	441009621517																	
Option 4 ID :	441009621515																	
Status :	Answered																	
Chosen Option :	4																	

Q.4 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

4 (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.)

24 – 48 – 108 – 36; 18 – 36 – 96 – 32

- Ans**
- 1. 48 – 96 – 156 – 52
 - 2. 132 – 264 – 444 – 138
 - 3. 53 – 106 – 166 – 55
 - 4. 82 – 139 – 234 – 78

Question Type :	MCQ
Question ID :	441009155596
Option 1 ID :	441009617553
Option 2 ID :	441009617552
Option 3 ID :	441009617554
Option 4 ID :	441009617551
Status :	Answered
Chosen Option :	1

Q.4 An object of mass m is made to fall freely from a height h . As the object continues to fall, what will happen to its energy?

- 5**
- Ans**
- 1. The kinetic energy and potential energy will not change.
 - 2. The potential energy and kinetic energy will both increase.
 - 3. The potential energy would decrease while the kinetic energy would increase.
 - 4. The potential energy would increase while the kinetic energy would decrease.

Question Type :	MCQ
Question ID :	441009153509
Option 1 ID :	441009609207
Option 2 ID :	441009609206
Option 3 ID :	441009609209
Option 4 ID :	441009609208
Status :	Answered
Chosen Option :	3

Q.4 6	What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '+' are interchanged? $32 + 28 \div 3 \times 4 - 15 = ?$
Ans	<input checked="" type="checkbox"/> 1. 29 <input checked="" type="checkbox"/> 2. 32 <input checked="" type="checkbox"/> 3. 26 <input checked="" type="checkbox"/> 4. 20

Question Type :	MCQ
Question ID :	441009155590
Option 1 ID :	441009617530
Option 2 ID :	441009617529
Option 3 ID :	441009617527
Option 4 ID :	441009617528
Status :	Answered
Chosen Option :	3

Q.4 7	Aditya is using two thin blankets instead of one thick blanket in winter to keep himself warm because _____.
Ans	<input checked="" type="checkbox"/> 1. the friction between the two blankets produces heat <input checked="" type="checkbox"/> 2. the blankets are at a higher temperature than the surroundings <input checked="" type="checkbox"/> 3. two blankets are cheaper than one thick blanket <input checked="" type="checkbox"/> 4. the air trapped between the blankets is a poor conductor of heat

Question Type :	MCQ
Question ID :	441009154516
Option 1 ID :	441009613228
Option 2 ID :	441009613229
Option 3 ID :	441009613226
Option 4 ID :	441009613227
Status :	Answered
Chosen Option :	4

Q.4 8	What is the immediate action to take when a fire breaks out in a workplace?
Ans	<input checked="" type="checkbox"/> 1. Raise the alarm and evacuate the area <input checked="" type="checkbox"/> 2. Ignore the fire and continue working <input checked="" type="checkbox"/> 3. Try to put it out using water without knowing the fire type <input checked="" type="checkbox"/> 4. Gather near the fire to observe the situation

Question Type :	MCQ
Question ID :	441009156585
Option 1 ID :	441009621503
Option 2 ID :	441009621506
Option 3 ID :	441009621505
Option 4 ID :	441009621504
Status :	Answered
Chosen Option :	1

Q.4 A person saves 50% of his income. If his expenditure is ₹640, then his income (in ₹) is:
9

Ans 1. 560
 2. 600
 3. 1,320
 4. 1,280

Question Type :	MCQ
Question ID :	441009153622
Option 1 ID :	441009609660
Option 2 ID :	441009609659
Option 3 ID :	441009609661
Option 4 ID :	441009609658
Status :	Answered
Chosen Option :	4

Q.5 A boy goes to school at a speed of 5 km/hr. He returns at a speed of 14 km/hr. He takes a total of 8 hours for both going to school and returning. The distance (in km) between his home and school is:
0

Ans 1. 28.6
 2. 31
 3. 29.5
 4. 27

Question Type :	MCQ
Question ID :	441009153599
Option 1 ID :	441009609567
Option 2 ID :	441009609569
Option 3 ID :	441009609566
Option 4 ID :	441009609568
Status :	Answered
Chosen Option :	3

Q.5 What should come in place of the question mark (?) in the given series?
1

17 29 41 59 77 101 125 ?

Ans 1. 175
 2. 155
 3. 149
 4. 161

Question Type :	MCQ
Question ID :	441009155606
Option 1 ID :	441009617594
Option 2 ID :	441009617591
Option 3 ID :	441009617592
Option 4 ID :	441009617593
Status :	Answered
Chosen Option :	2

Q.5	If $11.6 : x :: x : 2.9$, and $x > 0$, then find the value of x .																
2																	
Ans	<input checked="" type="checkbox"/> 1. 5.8 <input type="checkbox"/> 2. 3.1 <input type="checkbox"/> 3. 7.7 <input type="checkbox"/> 4. 10.9																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153612</td></tr> <tr><td>Option 1 ID :</td><td>441009609618</td></tr> <tr><td>Option 2 ID :</td><td>441009609621</td></tr> <tr><td>Option 3 ID :</td><td>441009609619</td></tr> <tr><td>Option 4 ID :</td><td>441009609620</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 :	441009153612	Option 1 ID :	441009609618	Option 2 ID :	441009609621	Option 3 ID :	441009609619	Option 4 ID :	441009609620	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009153612																
Option 1 ID :	441009609618																
Option 2 ID :	441009609621																
Option 3 ID :	441009609619																
Option 4 ID :	441009609620																
Status :	Answered																
Chosen Option :	1																
Q.5	What is the main advantage of using solar energy over fossil fuels?																
3																	
Ans	<input type="checkbox"/> 1. Solar energy requires mining and extraction, whereas fossil fuels are free of cost. <input type="checkbox"/> 2. Greenhouse gas emission is higher when solar energy is used. <input checked="" type="checkbox"/> 3. Solar energy is abundantly available and renewable in nature. <input type="checkbox"/> 4. Solar energy extraction requires high operational cost when compared to fossil fuels.																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009158533</td></tr> <tr><td>Option 1 ID :</td><td>441009629070</td></tr> <tr><td>Option 2 ID :</td><td>441009629069</td></tr> <tr><td>Option 3 ID :</td><td>441009629068</td></tr> <tr><td>Option 4 ID :</td><td>441009629067</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 :	441009158533	Option 1 ID :	441009629070	Option 2 ID :	441009629069	Option 3 ID :	441009629068	Option 4 ID :	441009629067	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009158533																
Option 1 ID :	441009629070																
Option 2 ID :	441009629069																
Option 3 ID :	441009629068																
Option 4 ID :	441009629067																
Status :	Answered																
Chosen Option :	3																
Q.5	Seema is twice as old as Alka. If nine years is subtracted from Alka's age and six years is added to Seema's age, then Seema will be four times Alka's age. How old was Alka three years ago?																
4																	
Ans	<input type="checkbox"/> 1. 16 years <input checked="" type="checkbox"/> 2. 18 years <input type="checkbox"/> 3. 21 years <input type="checkbox"/> 4. 20 years																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153587</td></tr> <tr><td>Option 1 ID :</td><td>441009609521</td></tr> <tr><td>Option 2 ID :</td><td>441009609520</td></tr> <tr><td>Option 3 ID :</td><td>441009609518</td></tr> <tr><td>Option 4 ID :</td><td>441009609519</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 :	441009153587	Option 1 ID :	441009609521	Option 2 ID :	441009609520	Option 3 ID :	441009609518	Option 4 ID :	441009609519	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009153587																
Option 1 ID :	441009609521																
Option 2 ID :	441009609520																
Option 3 ID :	441009609518																
Option 4 ID :	441009609519																
Status :	Answered																
Chosen Option :	2																

Q.5 Rakesh starts a business with a capital of ₹2,50,000. He incurs a loss of 5% during the first year. However, he makes a profit of 4% on his remaining investment during the second year. Finally, he makes a profit of 20% on his new capital during the third year. Find his total profit at the end of three years.

- Ans**
- 1. ₹46,700
 - 2. ₹46,600
 - 3. ₹46,500
 - 4. ₹46,400

Question Type :	MCQ
Question ID :	441009153653
Option 1 ID :	441009609785
Option 2 ID :	441009609784
Option 3 ID :	441009609783
Option 4 ID :	441009609782
Status :	Answered
Chosen Option :	4

Q.5 How does turning off unused electrical devices contribute to energy conservation?

- Ans**
- 1. By enhancing device performance
 - 2. By degrading electrical devices
 - 3. By increasing energy use
 - 4. By lowering utility bills

Question Type :	MCQ
Question ID :	441009158537
Option 1 ID :	441009629086
Option 2 ID :	441009629085
Option 3 ID :	441009629083
Option 4 ID :	441009629084
Status :	Answered
Chosen Option :	4

Q.5 Which term describes the maximum amount of solar energy that a photovoltaic (PV) system can convert into electricity under standard test conditions?

- Ans**
- 1. Rated capacity
 - 2. Effective capacity
 - 3. Nameplate capacity
 - 4. Peak load

Question Type :	MCQ
Question ID :	441009158532
Option 1 ID :	441009629063
Option 2 ID :	441009629065
Option 3 ID :	441009629066
Option 4 ID :	441009629064
Status :	Not Answered
Chosen Option :	--

<p>Q.5 8</p>	<p>What is the first step when encountering a system failure in a workplace?</p> <p>Ans <input checked="" type="checkbox"/> 1. Disconnect all power sources permanently</p> <p><input checked="" type="checkbox"/> 2. Report the issue and follow the emergency protocol</p> <p><input checked="" type="checkbox"/> 3. Ignore the failure and continue working</p> <p><input checked="" type="checkbox"/> 4. Immediately restart all systems without inspection</p>																
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156584</td></tr> <tr><td>Option 1 ID :</td><td>441009621500</td></tr> <tr><td>Option 2 ID :</td><td>441009621501</td></tr> <tr><td>Option 3 ID :</td><td>441009621502</td></tr> <tr><td>Option 4 ID :</td><td>441009621499</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 :	441009156584	Option 1 ID :	441009621500	Option 2 ID :	441009621501	Option 3 ID :	441009621502	Option 4 ID :	441009621499	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009156584																
Option 1 ID :	441009621500																
Option 2 ID :	441009621501																
Option 3 ID :	441009621502																
Option 4 ID :	441009621499																
Status :	Answered																
Chosen Option :	2																
<p>Q.5 9</p>	<p>The energy possessed by an object by virtue of its motion is known as _____.</p> <p>Ans <input checked="" type="checkbox"/> 1. kinetic energy</p> <p><input checked="" type="checkbox"/> 2. heat energy</p> <p><input checked="" type="checkbox"/> 3. light energy</p> <p><input checked="" type="checkbox"/> 4. potential energy</p>																
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153499</td></tr> <tr><td>Option 1 ID :</td><td>441009609169</td></tr> <tr><td>Option 2 ID :</td><td>441009609167</td></tr> <tr><td>Option 3 ID :</td><td>441009609166</td></tr> <tr><td>Option 4 ID :</td><td>441009609168</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 :	441009153499	Option 1 ID :	441009609169	Option 2 ID :	441009609167	Option 3 ID :	441009609166	Option 4 ID :	441009609168	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009153499																
Option 1 ID :	441009609169																
Option 2 ID :	441009609167																
Option 3 ID :	441009609166																
Option 4 ID :	441009609168																
Status :	Answered																
Chosen Option :	1																
<p>Q.6 0</p>	<p>The median of the data 2, 6, 4, 8, 1, 2, 5, 8, 9, 10, 12, 9, 7, 8, 3, 1, 0, 9, 2, 5 is _____.</p> <p>Ans <input checked="" type="checkbox"/> 1. 6.5</p> <p><input checked="" type="checkbox"/> 2. 6</p> <p><input checked="" type="checkbox"/> 3. 5.5</p> <p><input checked="" type="checkbox"/> 4. 5</p>																
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153634</td></tr> <tr><td>Option 1 ID :</td><td>441009609709</td></tr> <tr><td>Option 2 ID :</td><td>441009609708</td></tr> <tr><td>Option 3 ID :</td><td>441009609707</td></tr> <tr><td>Option 4 ID :</td><td>441009609706</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 :	441009153634	Option 1 ID :	441009609709	Option 2 ID :	441009609708	Option 3 ID :	441009609707	Option 4 ID :	441009609706	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009153634																
Option 1 ID :	441009609709																
Option 2 ID :	441009609708																
Option 3 ID :	441009609707																
Option 4 ID :	441009609706																
Status :	Answered																
Chosen Option :	3																

Q.6 Refer to the following letter, number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) K A T & 4 @ Y # 6 K & 2 R % 7 D 3 5 E * S (Right)

How many such symbols are there which are immediately preceded by a number and also immediately followed by a letter?

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

Question Type : **MCQ**

Question ID : **441009160820**

Option 1 ID : **441009637006**

Option 2 ID : **441009637005**

Option 3 ID : **441009637004**

Option 4 ID : **441009637007**

Status : **Answered**

Chosen Option : **3**

Q.6 Which of the following groups represents conductors of heat?

- Ans
- 1. Paper, copper, plastic
 - 2. Wood, paper, silver
 - 3. Aluminium, silver, copper
 - 4. Aluminium, plastic, wood

Question Type : **MCQ**

Question ID : **441009154521**

Option 1 ID : **441009613249**

Option 2 ID : **441009613246**

Option 3 ID : **441009613248**

Option 4 ID : **441009613247**

Status : **Answered**

Chosen Option : **3**

Q.6 3	Which technology operates through an electrochemical process that transforms the energy stored in hydrogen gas (H ₂) and oxygen into electrical power without combustion?
Ans	<p><input type="checkbox"/> 1. Wind power</p> <p><input type="checkbox"/> 2. Solar thermal power</p> <p><input checked="" type="checkbox"/> 3. Hydrogen fuel cells</p> <p><input type="checkbox"/> 4. Hydroelectric power</p>

Question Type :	MCQ
Question ID :	441009158535
Option 1 ID :	441009629076
Option 2 ID :	441009629078
Option 3 ID :	441009629077
Option 4 ID :	441009629075
Status :	Answered
Chosen Option :	3

Q.6 4	Which of the following steps is essential when configuring a web browser to enhance both security and privacy for a user?
Ans	<p><input type="checkbox"/> 1. Setting the homepage to a frequently visited website for quick access</p> <p><input type="checkbox"/> 2. Disabling the browser's cache to improve website loading times</p> <p><input checked="" type="checkbox"/> 3. Configuring the browser to block third-party cookies and enabling HTTPS-only mode</p> <p><input type="checkbox"/> 4. Enabling pop-ups for all websites to improve user experience</p>

Question Type :	MCQ
Question ID :	441009156671
Option 1 ID :	441009621850
Option 2 ID :	441009621848
Option 3 ID :	441009621849
Option 4 ID :	441009621847
Status :	Answered
Chosen Option :	3

Q.6 5	If a = 21 and b = 19, find the value of $\frac{a^2 + b^2 + ab}{a^3 - b^3}$.
Ans	<input type="checkbox"/> 1. $\frac{2}{3}$
	<input checked="" type="checkbox"/> 2. $\frac{1}{2}$
	<input type="checkbox"/> 3. $\frac{2}{5}$
	<input type="checkbox"/> 4. $\frac{3}{5}$

Question Type :	MCQ
Question ID :	441009153591
Option 1 ID :	441009609535
Option 2 ID :	441009609534
Option 3 ID :	441009609536
Option 4 ID :	441009609537
Status :	Answered
Chosen Option :	2

Q.6 6	Which of the following is the temperature range in a clinical thermometer?
Ans	<input type="checkbox"/> 1. 31°C to 44°C
	<input type="checkbox"/> 2. 30°C to 43°C
	<input checked="" type="checkbox"/> 3. 35°C to 42°C
	<input type="checkbox"/> 4. 10°C to 45°C

Question Type :	MCQ
Question ID :	441009154527
Option 1 ID :	441009613273
Option 2 ID :	441009613272
Option 3 ID :	441009613270
Option 4 ID :	441009613271
Status :	Answered
Chosen Option :	3

Q.6 7	An electric lamp with a resistance of 35 ohms and a conductor with a resistance of 5 ohms are connected to an 8 V battery in series. Calculate the current flowing through the circuit.																
Ans	<input checked="" type="checkbox"/> 1. 2 A <input checked="" type="checkbox"/> 2. 40 A <input checked="" type="checkbox"/> 3. 0.2 A <input checked="" type="checkbox"/> 4. 1.82 A																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153505</td></tr> <tr><td>Option 1 ID :</td><td>441009609193</td></tr> <tr><td>Option 2 ID :</td><td>441009609191</td></tr> <tr><td>Option 3 ID :</td><td>441009609190</td></tr> <tr><td>Option 4 ID :</td><td>441009609192</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 :	441009153505	Option 1 ID :	441009609193	Option 2 ID :	441009609191	Option 3 ID :	441009609190	Option 4 ID :	441009609192	Status :	Answered	Chosen Option :	3
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Option 2 ID :	441009609191																
Option 3 ID :	441009609190																
Option 4 ID :	441009609192																
Status :	Answered																
Chosen Option :	3																
Q.6 8	Akshay gets 2% increase in his sale amount in the first year and 25% in the second year. With that his present sale is ₹1,42,800. What was his sale (in ₹) two years ago?																
Ans	<input checked="" type="checkbox"/> 1. 1,40,000 <input checked="" type="checkbox"/> 2. 1,14,240 <input checked="" type="checkbox"/> 3. 92,000 <input checked="" type="checkbox"/> 4. 1,12,000																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153618</td></tr> <tr><td>Option 1 ID :</td><td>441009609644</td></tr> <tr><td>Option 2 ID :</td><td>441009609643</td></tr> <tr><td>Option 3 ID :</td><td>441009609645</td></tr> <tr><td>Option 4 ID :</td><td>441009609642</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 :	441009153618	Option 1 ID :	441009609644	Option 2 ID :	441009609643	Option 3 ID :	441009609645	Option 4 ID :	441009609642	Status :	Answered	Chosen Option :	4
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Option 1 ID :	441009609644																
Option 2 ID :	441009609643																
Option 3 ID :	441009609645																
Option 4 ID :	441009609642																
Status :	Answered																
Chosen Option :	4																
Q.6 9	Two containers, one painted black and the other painted white, have been kept in sunlight for one hour in the afternoon. Choose the correct observation.																
Ans	<input checked="" type="checkbox"/> 1. The white container becomes hotter than the black container. <input checked="" type="checkbox"/> 2. Both containers become equally hot. <input checked="" type="checkbox"/> 3. There is no effect on either container. <input checked="" type="checkbox"/> 4. The black container becomes hotter than the white container.																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154515</td></tr> <tr><td>Option 1 ID :</td><td>441009613223</td></tr> <tr><td>Option 2 ID :</td><td>441009613224</td></tr> <tr><td>Option 3 ID :</td><td>441009613225</td></tr> <tr><td>Option 4 ID :</td><td>441009613222</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 :	441009154515	Option 1 ID :	441009613223	Option 2 ID :	441009613224	Option 3 ID :	441009613225	Option 4 ID :	441009613222	Status :	Answered	Chosen Option :	4
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Option 2 ID :	441009613224																
Option 3 ID :	441009613225																
Option 4 ID :	441009613222																
Status :	Answered																
Chosen Option :	4																

Q.7 E, F, G, H, P, Q, and R, are sitting around a circular table facing the centre. F sits fourth to the right of E. Only R sits between F and H. H is NOT an immediate neighbour of E. Only P sits between E and G.
How many people sit between G and Q when counted from the right of G?

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

Question Type :	MCQ
Question ID :	441009155670
Option 1 ID :	441009617849
Option 2 ID :	441009617847
Option 3 ID :	441009617848
Option 4 ID :	441009617850
Status :	Answered
Chosen Option :	3

Q.7 Ampere is the SI unit of _____.

- Ans**
- 1. mass
 - 2. electric charge
 - 3. electric power
 - 4. electric current

Question Type :	MCQ
Question ID :	441009153556
Option 1 ID :	441009609394
Option 2 ID :	441009609397
Option 3 ID :	441009609395
Option 4 ID :	441009609396
Status :	Answered
Chosen Option :	4

Q.7 Which of the following is an example of uniform motion?

- Ans**
- 1. A ball rolling down a slope
 - 2. A train moving at a constant speed on a straight track
 - 3. A vehicle moving through a crowded area
 - 4. A sprinter running a 100-metre race with varying speed

Question Type :	MCQ
Question ID :	441009153530
Option 1 ID :	441009609293
Option 2 ID :	441009609290
Option 3 ID :	441009609291
Option 4 ID :	441009609292
Status :	Answered
Chosen Option :	2

Q.7 The HCF of two numbers is 62, and the other two factors of the LCM of these factors are 7 and 9. Which of the options given below can be a possible value of the smaller of the two numbers?

- Ans**
- 1. 432
 - 2. 431
 - 3. 434
 - 4. 433

Question Type :	MCQ
Question ID :	441009160922
Option 1 ID :	441009637394
Option 2 ID :	441009637393
Option 3 ID :	441009637396
Option 4 ID :	441009637395
Status :	Not Answered
Chosen Option :	--

Q.7 Two trains of lengths 155 m and 160 m are running at speeds of 74 km/hr and 52 km/hr, respectively, on parallel tracks in opposite directions. In how many seconds will they pass each other?

- Ans**
- 1. 7 seconds
 - 2. 9 seconds
 - 3. 18 seconds
 - 4. 14 seconds

Question Type :	MCQ
Question ID :	441009153640
Option 1 ID :	441009609731
Option 2 ID :	441009609733
Option 3 ID :	441009609730
Option 4 ID :	441009609732
Status :	Answered
Chosen Option :	2

Q.7 Simran rides a distance of 60 m in one minute and then returns along the same straight path. The average velocity of her ride is _____.

- Ans**
- 1. 0 m/s
 - 2. 2 m/s
 - 3. 1 m/s
 - 4. 60 m/s

Question Type :	MCQ
Question ID :	441009153494
Option 1 ID :	441009609147
Option 2 ID :	441009609146
Option 3 ID :	441009609149
Option 4 ID :	441009609148
Status :	Answered
Chosen Option :	3

Q.7 6	How do we find absolute error?																
Ans	<input checked="" type="checkbox"/> 1. Absolute error = Actual value + observed value <input checked="" type="checkbox"/> 2. Absolute error = Actual value × observed value <input checked="" type="checkbox"/> 3. Absolute error = Actual value – observed value <input checked="" type="checkbox"/> 4. Absolute error = Actual value/observed value																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153558</td></tr> <tr><td>Option 1 ID :</td><td>441009609403</td></tr> <tr><td>Option 2 ID :</td><td>441009609404</td></tr> <tr><td>Option 3 ID :</td><td>441009609402</td></tr> <tr><td>Option 4 ID :</td><td>441009609405</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 :	441009153558	Option 1 ID :	441009609403	Option 2 ID :	441009609404	Option 3 ID :	441009609402	Option 4 ID :	441009609405	Status :	Answered	Chosen Option :	3
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Question ID :	441009153558																
Option 1 ID :	441009609403																
Option 2 ID :	441009609404																
Option 3 ID :	441009609402																
Option 4 ID :	441009609405																
Status :	Answered																
Chosen Option :	3																

Q.7 7	Which of the following is an effective way to prevent electrical accidents in the workplace?																
Ans	<input checked="" type="checkbox"/> 1. Ignoring minor electrical faults <input checked="" type="checkbox"/> 2. Using insulated tools and wearing rubber gloves <input checked="" type="checkbox"/> 3. Using water to cool overheated electrical equipment <input checked="" type="checkbox"/> 4. Working on live wires with bare hands																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156591</td></tr> <tr><td>Option 1 ID :</td><td>441009621529</td></tr> <tr><td>Option 2 ID :</td><td>441009621527</td></tr> <tr><td>Option 3 ID :</td><td>441009621530</td></tr> <tr><td>Option 4 ID :</td><td>441009621528</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 :	441009156591	Option 1 ID :	441009621529	Option 2 ID :	441009621527	Option 3 ID :	441009621530	Option 4 ID :	441009621528	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009156591																
Option 1 ID :	441009621529																
Option 2 ID :	441009621527																
Option 3 ID :	441009621530																
Option 4 ID :	441009621528																
Status :	Answered																
Chosen Option :	2																

Q.7 8	Which of the following benefits can be obtained by conducting an energy audit in a commercial building?																
Ans	<input checked="" type="checkbox"/> 1. Reduction in price of energy per its unit usage <input checked="" type="checkbox"/> 2. Increasing the cost of energy bills <input checked="" type="checkbox"/> 3. Identification of opportunities for energy savings <input checked="" type="checkbox"/> 4. Reduced market value of building																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009158536</td></tr> <tr><td>Option 1 ID :</td><td>441009629082</td></tr> <tr><td>Option 2 ID :</td><td>441009629081</td></tr> <tr><td>Option 3 ID :</td><td>441009629080</td></tr> <tr><td>Option 4 ID :</td><td>441009629079</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 :	441009158536	Option 1 ID :	441009629082	Option 2 ID :	441009629081	Option 3 ID :	441009629080	Option 4 ID :	441009629079	Status :	Answered	Chosen Option :	3
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Question ID :	441009158536																
Option 1 ID :	441009629082																
Option 2 ID :	441009629081																
Option 3 ID :	441009629080																
Option 4 ID :	441009629079																
Status :	Answered																
Chosen Option :	3																

Q.7 9	In winters, people wear jacket because _____.																	
Ans	<input checked="" type="checkbox"/> 1. fabric of jacket is a conductor of heat so it traps body heat <input checked="" type="checkbox"/> 2. it looks good <input checked="" type="checkbox"/> 3. jacket allows the heat to flow from our body to surroundings <input checked="" type="checkbox"/> 4. fabric of jacket is an insulator of heat so it traps body heat																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154519</td></tr> <tr><td>Option 1 ID :</td><td>441009613239</td></tr> <tr><td>Option 2 ID :</td><td>441009613238</td></tr> <tr><td>Option 3 ID :</td><td>441009613241</td></tr> <tr><td>Option 4 ID :</td><td>441009613240</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 :	441009154519	Option 1 ID :	441009613239	Option 2 ID :	441009613238	Option 3 ID :	441009613241	Option 4 ID :	441009613240	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009154519																	
Option 1 ID :	441009613239																	
Option 2 ID :	441009613238																	
Option 3 ID :	441009613241																	
Option 4 ID :	441009613240																	
Status :	Answered																	
Chosen Option :	4																	
Q.8 0	A line in an engineering drawing is the _____.																	
Ans	<input checked="" type="checkbox"/> 1. dimensionless location in space or on a drawing sheet that has no width, height, or depth <input checked="" type="checkbox"/> 2. closed curve where all points are the same distance from a fixed centre point <input checked="" type="checkbox"/> 3. three-dimensional object with length, breadth, and height <input checked="" type="checkbox"/> 4. one-dimensional figure, which has length but no width																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156540</td></tr> <tr><td>Option 1 ID :</td><td>441009621323</td></tr> <tr><td>Option 2 ID :</td><td>441009621325</td></tr> <tr><td>Option 3 ID :</td><td>441009621324</td></tr> <tr><td>Option 4 ID :</td><td>441009621326</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 :	441009156540	Option 1 ID :	441009621323	Option 2 ID :	441009621325	Option 3 ID :	441009621324	Option 4 ID :	441009621326	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009156540																	
Option 1 ID :	441009621323																	
Option 2 ID :	441009621325																	
Option 3 ID :	441009621324																	
Option 4 ID :	441009621326																	
Status :	Answered																	
Chosen Option :	4																	
Q.8 1	Pihu starts her car at 9 a.m. to reach her office, which is 20 km away. She covers the first 10 km in 30 minutes and reaches her office at 10 a.m. Pihu's motion is _____.																	
Ans	<input checked="" type="checkbox"/> 1. non-uniform motion <input checked="" type="checkbox"/> 2. retarded motion <input checked="" type="checkbox"/> 3. accelerated motion <input checked="" type="checkbox"/> 4. uniform motion																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153496</td></tr> <tr><td>Option 1 ID :</td><td>441009609155</td></tr> <tr><td>Option 2 ID :</td><td>441009609157</td></tr> <tr><td>Option 3 ID :</td><td>441009609156</td></tr> <tr><td>Option 4 ID :</td><td>441009609154</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 :	441009153496	Option 1 ID :	441009609155	Option 2 ID :	441009609157	Option 3 ID :	441009609156	Option 4 ID :	441009609154	Status :	Answered	Chosen Option :	4
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Option 2 ID :	441009609157																	
Option 3 ID :	441009609156																	
Option 4 ID :	441009609154																	
Status :	Answered																	
Chosen Option :	4																	

Q.8	The mode of 4, 6, 4, 6, 5, 7, 5, 7, 4, 6, 7, 6 is:																	
2																		
Ans	✗ 1.7																	
	✓ 2.6																	
	✗ 3.4																	
	✗ 4.5																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153644</td></tr> <tr><td>Option 1 ID :</td><td>441009609749</td></tr> <tr><td>Option 2 ID :</td><td>441009609748</td></tr> <tr><td>Option 3 ID :</td><td>441009609746</td></tr> <tr><td>Option 4 ID :</td><td>441009609747</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 :	441009153644	Option 1 ID :	441009609749	Option 2 ID :	441009609748	Option 3 ID :	441009609746	Option 4 ID :	441009609747	Status :	Answered	Chosen Option :	2
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Option 2 ID :	441009609748																	
Option 3 ID :	441009609746																	
Option 4 ID :	441009609747																	
Status :	Answered																	
Chosen Option :	2																	
Q.8	How many significant figures are there in 4.700 m?																	
3																		
Ans	✗ 1.2																	
	✗ 2.1																	
	✗ 3.3																	
	✓ 4.4																	
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Option 3 ID :	441009609408																	
Option 4 ID :	441009609409																	
Status :	Answered																	
Chosen Option :	4																	
Q.8	Each of I, J, K, L, U, V and W has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. J has the exam on Friday. Only two people have the exam between V and J. Only four people have the exam between L and V. U has the exam immediately after W. K does not have the exam on Monday. How many people have the exam before K and after I?																	
4																		
Ans	✓ 1. Four																	
	✗ 2. One																	
	✗ 3. Three																	
	✗ 4. Two																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155662</td></tr> <tr><td>Option 1 ID :</td><td>441009617818</td></tr> <tr><td>Option 2 ID :</td><td>441009617815</td></tr> <tr><td>Option 3 ID :</td><td>441009617817</td></tr> <tr><td>Option 4 ID :</td><td>441009617816</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 :	441009155662	Option 1 ID :	441009617818	Option 2 ID :	441009617815	Option 3 ID :	441009617817	Option 4 ID :	441009617816	Status :	Answered	Chosen Option :	1
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Question ID :	441009155662																	
Option 1 ID :	441009617818																	
Option 2 ID :	441009617815																	
Option 3 ID :	441009617817																	
Option 4 ID :	441009617816																	
Status :	Answered																	
Chosen Option :	1																	

Q.8	In a certain code language, 'WILD' is coded as '8164' and 'DOGS' is coded as '3517'.
5	What is the code for 'D' in the given code language?
Ans	<input checked="" type="checkbox"/> 1. 3 <input checked="" type="checkbox"/> 2. 1 <input checked="" type="checkbox"/> 3. 5 <input checked="" type="checkbox"/> 4. 4

Question Type :	MCQ
Question ID :	441009155627
Option 1 ID :	441009617676
Option 2 ID :	441009617675
Option 3 ID :	441009617678
Option 4 ID :	441009617677
Status :	Answered
Chosen Option :	2

Q.8	The taxi charges in a city consist of a fixed charge together with the charge per kilometre for the distance covered. For a distance of 35 km, the charge paid is ₹375 and for a distance of 48 km, the charge paid is ₹427. Find the fixed charges and the charge per km (in ₹), respectively.
6	
Ans	<input checked="" type="checkbox"/> 1. 227 and 5 <input checked="" type="checkbox"/> 2. 275 and 3 <input checked="" type="checkbox"/> 3. 235 and 4 <input checked="" type="checkbox"/> 4. 220 and 6

Question Type :	MCQ
Question ID :	441009153584
Option 1 ID :	441009609507
Option 2 ID :	441009609509
Option 3 ID :	441009609508
Option 4 ID :	441009609506
Status :	Answered
Chosen Option :	3

Q.8 In a certain code language,
7
'A × B' means 'A is the son 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 M related to T if 'M × N % P + S - T'?

Ans 1. Brother's wife's father's father
 2. Brother's wife's father
 3. Brother's wife's father's brother
 4. Brother's wife's brother

Question Type :	MCQ
Question ID :	441009155668
Option 1 ID :	441009617842
Option 2 ID :	441009617840
Option 3 ID :	441009617841
Option 4 ID :	441009617839
Status :	Answered
Chosen Option :	4

Q.8 How fast should a cat of mass 15 kg run in order to have a kinetic energy of 120 J?
8

Ans 1. 4 m/s
 2. 16 m/s
 3. 40 m/s
 4. 0.16 m/s

Question Type :	MCQ
Question ID :	441009153510
Option 1 ID :	441009609211
Option 2 ID :	441009609210
Option 3 ID :	441009609212
Option 4 ID :	441009609213
Status :	Answered
Chosen Option :	1

Q.8 Which of the following is NOT a fundamental quantity in the SI system?
9

Ans 1. Luminous intensity
 2. Amount of substance
 3. Time
 4. Force

Question Type :	MCQ
Question ID :	441009153555
Option 1 ID :	441009609393
Option 2 ID :	441009609392
Option 3 ID :	441009609390
Option 4 ID :	441009609391
Status :	Answered
Chosen Option :	4

Q.9	A fruit seller had some apples. He sells 40% of the apples and now has 900 apples. How many apples did he originally have?																
0																	
Ans	<input checked="" type="checkbox"/> 1. 1350 <input checked="" type="checkbox"/> 2. 1800 <input checked="" type="checkbox"/> 3. 1500 <input checked="" type="checkbox"/> 4. 2250																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153626</td></tr> <tr><td>Option 1 ID :</td><td>441009609676</td></tr> <tr><td>Option 2 ID :</td><td>441009609677</td></tr> <tr><td>Option 3 ID :</td><td>441009609674</td></tr> <tr><td>Option 4 ID :</td><td>441009609675</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 :	441009153626	Option 1 ID :	441009609676	Option 2 ID :	441009609677	Option 3 ID :	441009609674	Option 4 ID :	441009609675	Status :	Answered	Chosen Option :	3
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Option 2 ID :	441009609677																
Option 3 ID :	441009609674																
Option 4 ID :	441009609675																
Status :	Answered																
Chosen Option :	3																
Q.9	In a certain code language, 'LOVE' is coded as '8364' and 'EARS' is coded as '3517'. 1 What is the code for 'E' in the given code language?																
1																	
Ans	<input checked="" type="checkbox"/> 1. 5 <input checked="" type="checkbox"/> 2. 3 <input checked="" type="checkbox"/> 3. 4 <input checked="" type="checkbox"/> 4. 7																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155628</td></tr> <tr><td>Option 1 ID :</td><td>441009617681</td></tr> <tr><td>Option 2 ID :</td><td>441009617679</td></tr> <tr><td>Option 3 ID :</td><td>441009617680</td></tr> <tr><td>Option 4 ID :</td><td>441009617682</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 :	441009155628	Option 1 ID :	441009617681	Option 2 ID :	441009617679	Option 3 ID :	441009617680	Option 4 ID :	441009617682	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
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Option 1 ID :	441009617681																
Option 2 ID :	441009617679																
Option 3 ID :	441009617680																
Option 4 ID :	441009617682																
Status :	Answered																
Chosen Option :	2																
Q.9	Which of the following correctly describes the role of DNS (Domain Name System) in internet architecture?																
2																	
Ans	<input checked="" type="checkbox"/> 1. DNS translates domain names into IP addresses to allow browsers to locate web servers. <input checked="" type="checkbox"/> 2. DNS secures the data transmitted over the internet by encrypting it. <input checked="" type="checkbox"/> 3. DNS routes data packets to their destination across the internet. <input checked="" type="checkbox"/> 4. DNS translates IP addresses into domain names to make them easier to remember.																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156674</td></tr> <tr><td>Option 1 ID :</td><td>441009621861</td></tr> <tr><td>Option 2 ID :</td><td>441009621862</td></tr> <tr><td>Option 3 ID :</td><td>441009621860</td></tr> <tr><td>Option 4 ID :</td><td>441009621859</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 :	441009156674	Option 1 ID :	441009621861	Option 2 ID :	441009621862	Option 3 ID :	441009621860	Option 4 ID :	441009621859	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009156674																
Option 1 ID :	441009621861																
Option 2 ID :	441009621862																
Option 3 ID :	441009621860																
Option 4 ID :	441009621859																
Status :	Not Answered																
Chosen Option :	--																

Q.9	Which of the following is an INCORRECT formula for power?
3	
Ans	<input checked="" type="checkbox"/> 1. I^2R
	<input checked="" type="checkbox"/> 2. VI
	<input checked="" type="checkbox"/> 3. I^2Rt
	<input checked="" type="checkbox"/> 4. V^2/R

Question Type :	MCQ
Question ID :	441009153492
Option 1 ID :	441009609140
Option 2 ID :	441009609138
Option 3 ID :	441009609139
Option 4 ID :	441009609141
Status :	Answered
Chosen Option :	3

Q.9	How many base units are given in the SI system?
4	
Ans	<input checked="" type="checkbox"/> 1. 7
	<input checked="" type="checkbox"/> 2. 11
	<input checked="" type="checkbox"/> 3. 9
	<input checked="" type="checkbox"/> 4. 3

Question Type :	MCQ
Question ID :	441009153557
Option 1 ID :	441009609399
Option 2 ID :	441009609401
Option 3 ID :	441009609400
Option 4 ID :	441009609398
Status :	Answered
Chosen Option :	1



Q.9
5 If $\frac{\sin\theta + \cos\theta}{\sin\theta - \cos\theta} = 12$, then the value of $\frac{121\tan^2\theta - 3}{169\cot^2\theta + 1}$ is:

Ans

- ✓ 1. $\frac{83}{61}$
- ✗ 2. $\frac{83}{21}$
- ✗ 3. $-\frac{83}{21}$
- ✗ 4. $-\frac{83}{61}$

Question Type :	MCQ
Question ID :	441009153669
Option 1 ID :	441009609847
Option 2 ID :	441009609846
Option 3 ID :	441009609848
Option 4 ID :	441009609849
Status :	Answered
Chosen Option :	1

Q.9
6 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 pair.)

Ans

- ✗ 1. DL - HB
- ✓ 2. MU - QL
- ✗ 3. WE - AU
- ✗ 4. SA - WQ

Question Type :	MCQ
Question ID :	441009155644
Option 1 ID :	441009617745
Option 2 ID :	441009617744
Option 3 ID :	441009617743
Option 4 ID :	441009617746
Status :	Answered
Chosen Option :	2

Q.9	If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation? $35 A 7 C 9 B 3 D 16 = ?$																
Ans	<input checked="" type="checkbox"/> 1. 10 <input checked="" type="checkbox"/> 2. 21 <input checked="" type="checkbox"/> 3. 18 <input checked="" type="checkbox"/> 4. 16																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155592</td></tr> <tr><td>Option 1 ID :</td><td>441009617538</td></tr> <tr><td>Option 2 ID :</td><td>441009617537</td></tr> <tr><td>Option 3 ID :</td><td>441009617536</td></tr> <tr><td>Option 4 ID :</td><td>441009617535</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 :	441009155592	Option 1 ID :	441009617538	Option 2 ID :	441009617537	Option 3 ID :	441009617536	Option 4 ID :	441009617535	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009155592																
Option 1 ID :	441009617538																
Option 2 ID :	441009617537																
Option 3 ID :	441009617536																
Option 4 ID :	441009617535																
Status :	Answered																
Chosen Option :	4																
Q.9	In Engineering Drawing, which of the following is the correct definition of the term 'dimension'.																
Ans	<input checked="" type="checkbox"/> 1. The thickness of the line of a letter <input checked="" type="checkbox"/> 2. A line that is drawn to make a section evident <input checked="" type="checkbox"/> 3. A continuous thick or wide line along which the prints are trimmed <input checked="" type="checkbox"/> 4. A numerical value expressed in an appropriate unit of measurement																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156548</td></tr> <tr><td>Option 1 ID :</td><td>441009621356</td></tr> <tr><td>Option 2 ID :</td><td>441009621358</td></tr> <tr><td>Option 3 ID :</td><td>441009621357</td></tr> <tr><td>Option 4 ID :</td><td>441009621355</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 :	441009156548	Option 1 ID :	441009621356	Option 2 ID :	441009621358	Option 3 ID :	441009621357	Option 4 ID :	441009621355	Status :	Answered	Chosen Option :	4
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Question ID :	441009156548																
Option 1 ID :	441009621356																
Option 2 ID :	441009621358																
Option 3 ID :	441009621357																
Option 4 ID :	441009621355																
Status :	Answered																
Chosen Option :	4																
Q.9	Find the value of 96.86572×10^7 .																
Ans	<input checked="" type="checkbox"/> 1. 96,86,57,200 <input checked="" type="checkbox"/> 2. 96,86,572 <input checked="" type="checkbox"/> 3. 9,68,65,720 <input checked="" type="checkbox"/> 4. 0.9686572																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153655</td></tr> <tr><td>Option 1 ID :</td><td>441009609791</td></tr> <tr><td>Option 2 ID :</td><td>441009609792</td></tr> <tr><td>Option 3 ID :</td><td>441009609790</td></tr> <tr><td>Option 4 ID :</td><td>441009609793</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 :	441009153655	Option 1 ID :	441009609791	Option 2 ID :	441009609792	Option 3 ID :	441009609790	Option 4 ID :	441009609793	Status :	Answered	Chosen Option :	1
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Question ID :	441009153655																
Option 1 ID :	441009609791																
Option 2 ID :	441009609792																
Option 3 ID :	441009609790																
Option 4 ID :	441009609793																
Status :	Answered																
Chosen Option :	1																

Q.1 In a certain code language, 'BORE' is coded as '8624' and 'TABS' is coded as '3217'.
00 What is the code for 'B' in the given code language?

Ans 1. 8
 2. 1
 3. 2
 4. 7

Question Type :	MCQ
Question ID :	441009155624
Option 1 ID :	441009617666
Option 2 ID :	441009617664
Option 3 ID :	441009617663
Option 4 ID :	441009617665
Status :	Answered
Chosen Option :	3

Section : PART-B

Q.1 A rectangular floor measuring 10 m × 8 m is to be tiled. If each tile covers 0.25 m², how many tiles are needed?

Ans 1. 320
 2. 300
 3. 200
 4. 250

Question Type :	MCQ
Question ID :	441009156654
Option 1 ID :	441009621782
Option 2 ID :	441009621781
Option 3 ID :	441009621779
Option 4 ID :	441009621780
Status :	Answered
Chosen Option :	1

Q.2 In Total Productive Maintenance (TPM), what does the term 'Six Big Losses' refer to?

Ans 1. Losses due to defective raw materials
 2. Reduced employee productivity due to training sessions
 3. Major financial losses in maintenance costs
 4. Categories of equipment-related inefficiencies

Question Type :	MCQ
Question ID :	441009154914
Option 1 ID :	441009614802
Option 2 ID :	441009614804
Option 3 ID :	441009614805
Option 4 ID :	441009614803
Status :	Not Answered
Chosen Option :	--

<p>Q.3 Match the following columns.</p> <p>Column I Column II Hinge (A) Reinforcing the downward projecting sand mass (P) Welding (B) Finishing flat surfaces and joints (Q) Trowels (C) Permanent joint (R) Gaggers (D) Movable joint (S)</p>																	
<p>Ans <input checked="" type="checkbox"/> 1. A-S, B-P, C-Q, D-R</p> <p><input checked="" type="checkbox"/> 2. A-S, B-R, C-P, D-Q</p> <p><input checked="" type="checkbox"/> 3. A-R, B-S, C-Q, D-P</p> <p><input checked="" type="checkbox"/> 4. A-S, B-R, C-Q, D-P</p>																	
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155175</td></tr> <tr><td>Option 1 ID :</td><td>441009615849</td></tr> <tr><td>Option 2 ID :</td><td>441009615847</td></tr> <tr><td>Option 3 ID :</td><td>441009615848</td></tr> <tr><td>Option 4 ID :</td><td>441009615846</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 :	441009155175	Option 1 ID :	441009615849	Option 2 ID :	441009615847	Option 3 ID :	441009615848	Option 4 ID :	441009615846	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009155175																
Option 1 ID :	441009615849																
Option 2 ID :	441009615847																
Option 3 ID :	441009615848																
Option 4 ID :	441009615846																
Status :	Not Answered																
Chosen Option :	--																
<p>Q.4 _____ recommend(s) 20 mm wide margins for sheet sizes AO and A1 in engineering drawings.</p>																	
<p>Ans <input checked="" type="checkbox"/> 1. Geographic coordinate systems</p> <p><input checked="" type="checkbox"/> 2. Grid reference system</p> <p><input checked="" type="checkbox"/> 3. Custom grids</p> <p><input checked="" type="checkbox"/> 4. Borders and frames: SP: 46 (2003)</p>																	
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156544</td></tr> <tr><td>Option 1 ID :</td><td>441009621342</td></tr> <tr><td>Option 2 ID :</td><td>441009621339</td></tr> <tr><td>Option 3 ID :</td><td>441009621341</td></tr> <tr><td>Option 4 ID :</td><td>441009621340</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 :	441009156544	Option 1 ID :	441009621342	Option 2 ID :	441009621339	Option 3 ID :	441009621341	Option 4 ID :	441009621340	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009156544																
Option 1 ID :	441009621342																
Option 2 ID :	441009621339																
Option 3 ID :	441009621341																
Option 4 ID :	441009621340																
Status :	Answered																
Chosen Option :	4																
<p>Q.5 _____ is the line of zero deviation and represents the basic size.</p>																	
<p>Ans <input checked="" type="checkbox"/> 1. Nominal size</p> <p><input checked="" type="checkbox"/> 2. Actual size</p> <p><input checked="" type="checkbox"/> 3. Zero line</p> <p><input checked="" type="checkbox"/> 4. Tolerable size</p>																	
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155191</td></tr> <tr><td>Option 1 ID :</td><td>441009615910</td></tr> <tr><td>Option 2 ID :</td><td>441009615912</td></tr> <tr><td>Option 3 ID :</td><td>441009615913</td></tr> <tr><td>Option 4 ID :</td><td>441009615911</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 :	441009155191	Option 1 ID :	441009615910	Option 2 ID :	441009615912	Option 3 ID :	441009615913	Option 4 ID :	441009615911	Status :	Not Answered	Chosen Option :	--
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Question ID :	441009155191																
Option 1 ID :	441009615910																
Option 2 ID :	441009615912																
Option 3 ID :	441009615913																
Option 4 ID :	441009615911																
Status :	Not Answered																
Chosen Option :	--																

Q.6	The primary function of 'ferrule' is _____ in tube fitting.																
Ans	<input checked="" type="checkbox"/> 1. to increase the flow rate in the tube <input checked="" type="checkbox"/> 2. to reduce pressure losses <input checked="" type="checkbox"/> 3. to prevent corrosion <input checked="" type="checkbox"/> 4. to create a leak-proof seal between the tube and fitting																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154869</td></tr> <tr><td>Option 1 ID :</td><td>441009614625</td></tr> <tr><td>Option 2 ID :</td><td>441009614623</td></tr> <tr><td>Option 3 ID :</td><td>441009614624</td></tr> <tr><td>Option 4 ID :</td><td>441009614622</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 :	441009154869	Option 1 ID :	441009614625	Option 2 ID :	441009614623	Option 3 ID :	441009614624	Option 4 ID :	441009614622	Status :	Answered	Chosen Option :	4
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Option 1 ID :	441009614625																
Option 2 ID :	441009614623																
Option 3 ID :	441009614624																
Option 4 ID :	441009614622																
Status :	Answered																
Chosen Option :	4																
Q.7	Which of the following is a key electrical safety tip in a workshop?																
Ans	<input checked="" type="checkbox"/> 1. Ignore frayed wires if the device is still working <input checked="" type="checkbox"/> 2. Operate machines with wet hands <input checked="" type="checkbox"/> 3. Use water to clean electrical panels <input checked="" type="checkbox"/> 4. Ensure electrical equipment is properly grounded																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156596</td></tr> <tr><td>Option 1 ID :</td><td>441009621548</td></tr> <tr><td>Option 2 ID :</td><td>441009621550</td></tr> <tr><td>Option 3 ID :</td><td>441009621549</td></tr> <tr><td>Option 4 ID :</td><td>441009621547</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 :	441009156596	Option 1 ID :	441009621548	Option 2 ID :	441009621550	Option 3 ID :	441009621549	Option 4 ID :	441009621547	Status :	Answered	Chosen Option :	4
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Option 1 ID :	441009621548																
Option 2 ID :	441009621550																
Option 3 ID :	441009621549																
Option 4 ID :	441009621547																
Status :	Answered																
Chosen Option :	4																
Q.8	Sine bars are used when a high degree of accuracy less than _____ is needed for measuring angles.																
Ans	<input checked="" type="checkbox"/> 1. 30 minutes <input checked="" type="checkbox"/> 2. 30 degrees <input checked="" type="checkbox"/> 3. 1 minute <input checked="" type="checkbox"/> 4. 1 degree																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009240890</td></tr> <tr><td>Option 1 ID :</td><td>441009941519</td></tr> <tr><td>Option 2 ID :</td><td>441009941520</td></tr> <tr><td>Option 3 ID :</td><td>441009941517</td></tr> <tr><td>Option 4 ID :</td><td>441009941518</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 :	441009240890	Option 1 ID :	441009941519	Option 2 ID :	441009941520	Option 3 ID :	441009941517	Option 4 ID :	441009941518	Status :	Answered	Chosen Option :	3
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Question ID :	441009240890																
Option 1 ID :	441009941519																
Option 2 ID :	441009941520																
Option 3 ID :	441009941517																
Option 4 ID :	441009941518																
Status :	Answered																
Chosen Option :	3																

Q.9	Which of the following is a primary difference between a primary and a secondary electrochemical cell?																
Ans	<div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: flex-start;"> ✔ 1. A primary cell cannot be recharged, while a secondary cell can be recharged. </div> <div style="display: flex; align-items: flex-start;"> ✘ 2. A primary cell can be recharged, while a secondary cell cannot be recharged. </div> <div style="display: flex; align-items: flex-start;"> ✘ 3. A secondary cell produces more energy than a primary cell. </div> <div style="display: flex; align-items: flex-start;"> ✘ 4. There is no difference between primary and secondary cells. </div> </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>441009156522</td></tr> <tr><td>Option 1 ID :</td><td>441009621252</td></tr> <tr><td>Option 2 ID :</td><td>441009621251</td></tr> <tr><td>Option 3 ID :</td><td>441009621253</td></tr> <tr><td>Option 4 ID :</td><td>441009621254</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 :	441009156522	Option 1 ID :	441009621252	Option 2 ID :	441009621251	Option 3 ID :	441009621253	Option 4 ID :	441009621254	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009621251																
Option 3 ID :	441009621253																
Option 4 ID :	441009621254																
Status :	Answered																
Chosen Option :	1																
Q.10	What is the relationship between surface roughness and dimensional tolerance in machining?																
Ans	<div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: flex-start;"> ✘ 1. Rougher surfaces always provide better tolerance control. </div> <div style="display: flex; align-items: flex-start;"> ✘ 2. Surface roughness does not affect dimensional tolerances. </div> <div style="display: flex; align-items: flex-start;"> ✘ 3. Finer surface finish always leads to tighter tolerances. </div> <div style="display: flex; align-items: flex-start;"> ✔ 4. Tighter tolerances require finer surface finishes. </div> </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>441009154910</td></tr> <tr><td>Option 1 ID :</td><td>441009614788</td></tr> <tr><td>Option 2 ID :</td><td>441009614786</td></tr> <tr><td>Option 3 ID :</td><td>441009614789</td></tr> <tr><td>Option 4 ID :</td><td>441009614787</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 :	441009154910	Option 1 ID :	441009614788	Option 2 ID :	441009614786	Option 3 ID :	441009614789	Option 4 ID :	441009614787	Status :	Not Answered	Chosen Option :	--
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Question ID :	441009154910																
Option 1 ID :	441009614788																
Option 2 ID :	441009614786																
Option 3 ID :	441009614789																
Option 4 ID :	441009614787																
Status :	Not Answered																
Chosen Option :	--																

Q.1	Match the following designations of sheets with their respective trimmed sizes in length and breadth.
1	
	Designation Trimmed Size
	A) A0 P) 297 × 420
	B) A1 Q) 420 × 594
	C) A2 R) 594 × 841
	D) A3 S) 841 × 1189
Ans	<input checked="" type="checkbox"/> 1. A-P ; B-R ; C-Q ; D-S
	<input checked="" type="checkbox"/> 2. A-S ; B-P ; C-Q ; D-R
	<input checked="" type="checkbox"/> 3. A-S ; B-R ; C-Q ; D-P
	<input checked="" type="checkbox"/> 4. A-Q ; B-R ; C-S ; D-P

Question Type :	MCQ
Question ID :	441009156553
Option 1 ID :	441009621376
Option 2 ID :	441009621377
Option 3 ID :	441009621375
Option 4 ID :	441009621378
Status :	Answered
Chosen Option :	3

Q.1	Which of the following instruments is commonly used along with a planer gauge for precise height measurement?
2	
Ans	<input checked="" type="checkbox"/> 1. Micrometer
	<input checked="" type="checkbox"/> 2. Depth gauge
	<input checked="" type="checkbox"/> 3. Vernier caliper
	<input checked="" type="checkbox"/> 4. Dial indicator

Question Type :	MCQ
Question ID :	441009155120
Option 1 ID :	441009615627
Option 2 ID :	441009615629
Option 3 ID :	441009615626
Option 4 ID :	441009615628
Status :	Answered
Chosen Option :	2

Q.1 3	When one side of a job with parallel diameter is cut turned completely or partially to reduce its diameter by the lathe machine, it is called _____.																
Ans	<input checked="" type="checkbox"/> 1. knurling <input checked="" type="checkbox"/> 2. chamfering <input checked="" type="checkbox"/> 3. taper turning <input checked="" type="checkbox"/> 4. turning																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155117</td></tr> <tr><td>Option 1 ID :</td><td>441009615617</td></tr> <tr><td>Option 2 ID :</td><td>441009615616</td></tr> <tr><td>Option 3 ID :</td><td>441009615614</td></tr> <tr><td>Option 4 ID :</td><td>441009615615</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 :	441009155117	Option 1 ID :	441009615617	Option 2 ID :	441009615616	Option 3 ID :	441009615614	Option 4 ID :	441009615615	Status :	Answered	Chosen Option :	4
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Question ID :	441009155117																
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Option 2 ID :	441009615616																
Option 3 ID :	441009615614																
Option 4 ID :	441009615615																
Status :	Answered																
Chosen Option :	4																
Q.1 4	Which of the following is INCORRECT about line standard?																
Ans	<input checked="" type="checkbox"/> 1. Quick measurements over a wide range <input checked="" type="checkbox"/> 2. Subject to parallax error <input checked="" type="checkbox"/> 3. Used to measure the distance between two engraved lines <input checked="" type="checkbox"/> 4. More accurate due to line thickness																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156627</td></tr> <tr><td>Option 1 ID :</td><td>441009621673</td></tr> <tr><td>Option 2 ID :</td><td>441009621674</td></tr> <tr><td>Option 3 ID :</td><td>441009621671</td></tr> <tr><td>Option 4 ID :</td><td>441009621672</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 :	441009156627	Option 1 ID :	441009621673	Option 2 ID :	441009621674	Option 3 ID :	441009621671	Option 4 ID :	441009621672	Status :	Not Answered	Chosen Option :	--
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Option 2 ID :	441009621674																
Option 3 ID :	441009621671																
Option 4 ID :	441009621672																
Status :	Not Answered																
Chosen Option :	--																
Q.1 5	In a lathe machine with a 3-jaw chuck, the jaws are moved:																
Ans	<input checked="" type="checkbox"/> 1. by pneumatic pressure <input checked="" type="checkbox"/> 2. by magnetic force <input checked="" type="checkbox"/> 3. independently using individual levers <input checked="" type="checkbox"/> 4. simultaneously in a radial direction by rotating a pinion																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155147</td></tr> <tr><td>Option 1 ID :</td><td>441009615737</td></tr> <tr><td>Option 2 ID :</td><td>441009615736</td></tr> <tr><td>Option 3 ID :</td><td>441009615734</td></tr> <tr><td>Option 4 ID :</td><td>441009615735</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 :	441009155147	Option 1 ID :	441009615737	Option 2 ID :	441009615736	Option 3 ID :	441009615734	Option 4 ID :	441009615735	Status :	Answered	Chosen Option :	4
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Option 1 ID :	441009615737																
Option 2 ID :	441009615736																
Option 3 ID :	441009615734																
Option 4 ID :	441009615735																
Status :	Answered																
Chosen Option :	4																

Q.1 6	What is the primary reason for conducting a vehicle road test?																
Ans	<input checked="" type="checkbox"/> 1. To ensure the vehicle is functioning safely and correctly <input type="checkbox"/> 2. To test how fast the vehicle can go <input type="checkbox"/> 3. To increase fuel efficiency <input type="checkbox"/> 4. To avoid the need for inspections																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156597</td></tr> <tr><td>Option 1 ID :</td><td>441009621552</td></tr> <tr><td>Option 2 ID :</td><td>441009621553</td></tr> <tr><td>Option 3 ID :</td><td>441009621551</td></tr> <tr><td>Option 4 ID :</td><td>441009621554</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 :	441009156597	Option 1 ID :	441009621552	Option 2 ID :	441009621553	Option 3 ID :	441009621551	Option 4 ID :	441009621554	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009621553																
Option 3 ID :	441009621551																
Option 4 ID :	441009621554																
Status :	Answered																
Chosen Option :	1																
Q.1 7	Which option shows the correct answer when 27°C is converted to the kelvin scale?																
Ans	<input checked="" type="checkbox"/> 1. 300 K <input type="checkbox"/> 2. 246 K <input type="checkbox"/> 3. - 300 K <input type="checkbox"/> 4. - 246 K																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156653</td></tr> <tr><td>Option 1 ID :</td><td>441009621778</td></tr> <tr><td>Option 2 ID :</td><td>441009621776</td></tr> <tr><td>Option 3 ID :</td><td>441009621775</td></tr> <tr><td>Option 4 ID :</td><td>441009621777</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 :	441009156653	Option 1 ID :	441009621778	Option 2 ID :	441009621776	Option 3 ID :	441009621775	Option 4 ID :	441009621777	Status :	Answered	Chosen Option :	1
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Question ID :	441009156653																
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Option 2 ID :	441009621776																
Option 3 ID :	441009621775																
Option 4 ID :	441009621777																
Status :	Answered																
Chosen Option :	1																
Q.1 8	Which of the following flat belt drives is provided to obtain high velocity ratio and when the required belt tension cannot be obtained by other means?																
Ans	<input type="checkbox"/> 1. Quarter turn belt drive <input type="checkbox"/> 2. Open belt drive <input checked="" type="checkbox"/> 3. Belt drive with idler pulleys <input type="checkbox"/> 4. Crossed or twist belt drive																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009162138</td></tr> <tr><td>Option 1 ID :</td><td>441009642207</td></tr> <tr><td>Option 2 ID :</td><td>441009642205</td></tr> <tr><td>Option 3 ID :</td><td>441009642208</td></tr> <tr><td>Option 4 ID :</td><td>441009642206</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 :	441009162138	Option 1 ID :	441009642207	Option 2 ID :	441009642205	Option 3 ID :	441009642208	Option 4 ID :	441009642206	Status :	Not Answered	Chosen Option :	--
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Option 2 ID :	441009642205																
Option 3 ID :	441009642208																
Option 4 ID :	441009642206																
Status :	Not Answered																
Chosen Option :	--																

Q.1	Which of the following actions is a part of the emergency response team's responsibilities during an active emergency?																	
9																		
Ans	<input checked="" type="checkbox"/> 1. Rescuing persons in immediate danger <input type="checkbox"/> 2. Conducting routine safety checks <input type="checkbox"/> 3. Scheduling regular evacuation drills <input type="checkbox"/> 4. Preparing reports on emergency incidents																	
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156603</td></tr> <tr><td>Option 1 ID :</td><td>441009621576</td></tr> <tr><td>Option 2 ID :</td><td>441009621575</td></tr> <tr><td>Option 3 ID :</td><td>441009621577</td></tr> <tr><td>Option 4 ID :</td><td>441009621578</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 :	441009156603	Option 1 ID :	441009621576	Option 2 ID :	441009621575	Option 3 ID :	441009621577	Option 4 ID :	441009621578	Status :	Answered	Chosen Option :	1
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Question ID :	441009156603																	
Option 1 ID :	441009621576																	
Option 2 ID :	441009621575																	
Option 3 ID :	441009621577																	
Option 4 ID :	441009621578																	
Status :	Answered																	
Chosen Option :	1																	
Q.2	What is the primary reason for the heating effect in a conductor when an electric current passes through it?																	
0																		
Ans	<input type="checkbox"/> 1. The conductor absorbs heat from the surrounding environment. <input type="checkbox"/> 2. The movement of protons causes heat generation. <input type="checkbox"/> 3. The electric field in the conductor causes heat generation. <input checked="" type="checkbox"/> 4. The movement of electrons causes heat generation.																	
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156524</td></tr> <tr><td>Option 1 ID :</td><td>441009621261</td></tr> <tr><td>Option 2 ID :</td><td>441009621259</td></tr> <tr><td>Option 3 ID :</td><td>441009621262</td></tr> <tr><td>Option 4 ID :</td><td>441009621260</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 :	441009156524	Option 1 ID :	441009621261	Option 2 ID :	441009621259	Option 3 ID :	441009621262	Option 4 ID :	441009621260	Status :	Answered	Chosen Option :	4
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Option 1 ID :	441009621261																	
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Option 3 ID :	441009621262																	
Option 4 ID :	441009621260																	
Status :	Answered																	
Chosen Option :	4																	
Q.2	Which of the following care and maintenance of a marking table is INCORRECT?																	
1																		
Ans	<input type="checkbox"/> 1. The marking table should be protected from rust. <input checked="" type="checkbox"/> 2. The surface of the marking table should not be given a thin layer of oil. <input type="checkbox"/> 3. After use, the marking table should be cleaned with a soft cloth. <input type="checkbox"/> 4. The marking table should be protected from damage.																	
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156628</td></tr> <tr><td>Option 1 ID :</td><td>441009621678</td></tr> <tr><td>Option 2 ID :</td><td>441009621677</td></tr> <tr><td>Option 3 ID :</td><td>441009621676</td></tr> <tr><td>Option 4 ID :</td><td>441009621675</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 :	441009156628	Option 1 ID :	441009621678	Option 2 ID :	441009621677	Option 3 ID :	441009621676	Option 4 ID :	441009621675	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																	
Question ID :	441009156628																	
Option 1 ID :	441009621678																	
Option 2 ID :	441009621677																	
Option 3 ID :	441009621676																	
Option 4 ID :	441009621675																	
Status :	Answered																	
Chosen Option :	2																	

<p>Q.2 2</p>	<p>A shaft with a basic size of 40 mm has an allowance of 0.06 mm for clearance. The design size of the shaft is ____.</p>																	
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. 40.00 mm</p> <p><input checked="" type="checkbox"/> 2. 39.94 mm</p> <p><input checked="" type="checkbox"/> 3. 40.06 mm</p> <p><input checked="" type="checkbox"/> 4. 39.04 mm</p>																	
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Question Type :	MCQ																	
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Option 1 ID :	441009615791																	
Option 2 ID :	441009615792																	
Option 3 ID :	441009615790																	
Option 4 ID :	441009615793																	
Status :	Answered																	
Chosen Option :	3																	
<p>Q.2 3</p>	<p>What is the primary purpose of countersinking?</p>																	
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. To create a conical recess at the entrance of the hole</p> <p><input checked="" type="checkbox"/> 2. To reduce the hole diameter</p> <p><input checked="" type="checkbox"/> 3. To increase the depth of a drilled hole</p> <p><input checked="" type="checkbox"/> 4. To make a hole deeper without changing its shape</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>441009154890</td></tr> <tr><td>Option 1 ID :</td><td>441009614707</td></tr> <tr><td>Option 2 ID :</td><td>441009614708</td></tr> <tr><td>Option 3 ID :</td><td>441009614706</td></tr> <tr><td>Option 4 ID :</td><td>441009614709</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 :	441009154890	Option 1 ID :	441009614707	Option 2 ID :	441009614708	Option 3 ID :	441009614706	Option 4 ID :	441009614709	Status :	Answered	Chosen Option :	1
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Question ID :	441009154890																	
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Option 2 ID :	441009614708																	
Option 3 ID :	441009614706																	
Option 4 ID :	441009614709																	
Status :	Answered																	
Chosen Option :	1																	
<p>Q.2 4</p>	<p>_____ work best for cutting soft materials like wood and plastic.</p>																	
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. Fine-toothed blades</p> <p><input checked="" type="checkbox"/> 2. Bi-metal blades</p> <p><input checked="" type="checkbox"/> 3. High-carbon steel blades</p> <p><input checked="" type="checkbox"/> 4. Coarse-toothed blades</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>441009155139</td></tr> <tr><td>Option 1 ID :</td><td>441009615702</td></tr> <tr><td>Option 2 ID :</td><td>441009615704</td></tr> <tr><td>Option 3 ID :</td><td>441009615705</td></tr> <tr><td>Option 4 ID :</td><td>441009615703</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 :	441009155139	Option 1 ID :	441009615702	Option 2 ID :	441009615704	Option 3 ID :	441009615705	Option 4 ID :	441009615703	Status :	Answered	Chosen Option :	4
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Option 3 ID :	441009615705																	
Option 4 ID :	441009615703																	
Status :	Answered																	
Chosen Option :	4																	

Q.2 The SI unit of 'ultimate stress' is _____.

5

Ans ✓ 1. pascal (Pa)

✗ 2. newton (N)

✗ 3. joule per square meter (J/m²)

✗ 4. newton per meter (N/m)

Question Type :	MCQ
Question ID :	441009156645
Option 1 ID :	441009621744
Option 2 ID :	441009621743
Option 3 ID :	441009621746
Option 4 ID :	441009621745
Status :	Answered
Chosen Option :	1

Q.2 From the following relation, select relation for taper angle (θ) in taper turning, where l = Length of taper, D = Large diameter and d = small diameter.

6

Ans ✗ 1. $\tan\theta = \frac{(D + d)}{2l}$

✓ 2. $\tan\theta = \frac{(D - d)}{2l}$

✗ 3. $\frac{1}{2\tan\theta} = \frac{(D + d)}{2l}$

✗ 4. $\frac{1}{2\tan\theta} = \frac{(D - d)}{2l}$

Question Type :	MCQ
Question ID :	441009162141
Option 1 ID :	441009642220
Option 2 ID :	441009642218
Option 3 ID :	441009642219
Option 4 ID :	441009642217
Status :	Answered
Chosen Option :	2

Q.2 Which of the following screwdrivers has cross-shaped tips that are unlikely to slip from the cruciform slots in Philips recessed head screws?
7

- Ans**
- 1. Offset screwdriver
 - 2. Stumpy screwdriver
 - 3. Ratchet screwdriver
 - 4. Cross-recess screwdriver

Question Type :	MCQ
Question ID :	441009156638
Option 1 ID :	441009621716
Option 2 ID :	441009621718
Option 3 ID :	441009621717
Option 4 ID :	441009621715
Status :	Not Answered
Chosen Option :	--

Q.2 In riveted joint, diameter (d) for a given thickness of the plates is given by
8

- Ans**
- 1. $d = 15 (t)^{1/2}$
 - 2. $d = 6 (t)^{1/2}$
 - 3. $d = 3.5 (t)^{1/2}$
 - 4. $d = 12 (t)^{1/2}$

Question Type :	MCQ
Question ID :	441009155176
Option 1 ID :	441009615850
Option 2 ID :	441009615853
Option 3 ID :	441009615851
Option 4 ID :	441009615852
Status :	Answered
Chosen Option :	2

Q.2 Which of the following conversions are correct?
9

- Ans**
- 1. $1 \text{ L} = 1 \text{ dm}^3$ and $1 \text{ mL} = 1 \text{ cm}^3$
 - 2. $1000 \text{ L} = 1 \text{ dm}^3$ and $1000 \text{ mL} = 1 \text{ cm}^3$
 - 3. $1 \text{ L} = 1000 \text{ dm}^3$ and $1 \text{ mL} = 1000 \text{ cm}^3$
 - 4. $1000 \text{ L} = 1 \text{ dm}^3$ and $1 \text{ mL} = 1000 \text{ cm}^3$

Question Type :	MCQ
Question ID :	441009156659
Option 1 ID :	441009621799
Option 2 ID :	441009621800
Option 3 ID :	441009621801
Option 4 ID :	441009621802
Status :	Not Answered
Chosen Option :	--

Q.3 0	Why do cars have treaded tyres?																
Ans	<input type="checkbox"/> 1. To reduce weight <input type="checkbox"/> 2. To increase speed <input checked="" type="checkbox"/> 3. To increase friction and grip on the road <input type="checkbox"/> 4. To decrease friction																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156649</td></tr> <tr><td>Option 1 ID :</td><td>441009621759</td></tr> <tr><td>Option 2 ID :</td><td>441009621761</td></tr> <tr><td>Option 3 ID :</td><td>441009621760</td></tr> <tr><td>Option 4 ID :</td><td>441009621762</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 :	441009156649	Option 1 ID :	441009621759	Option 2 ID :	441009621761	Option 3 ID :	441009621760	Option 4 ID :	441009621762	Status :	Answered	Chosen Option :	3
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Option 2 ID :	441009621761																
Option 3 ID :	441009621760																
Option 4 ID :	441009621762																
Status :	Answered																
Chosen Option :	3																
Q.3 1	How can poor service conditions contribute to equipment failure?																
Ans	<input type="checkbox"/> 1. By increasing compatibility between material and environment <input checked="" type="checkbox"/> 2. By exposing components to extreme conditions, they were not designed for <input type="checkbox"/> 3. By improving material durability <input type="checkbox"/> 4. By reducing the rate of loading on components																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154892</td></tr> <tr><td>Option 1 ID :</td><td>441009614716</td></tr> <tr><td>Option 2 ID :</td><td>441009614717</td></tr> <tr><td>Option 3 ID :</td><td>441009614714</td></tr> <tr><td>Option 4 ID :</td><td>441009614715</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 :	441009154892	Option 1 ID :	441009614716	Option 2 ID :	441009614717	Option 3 ID :	441009614714	Option 4 ID :	441009614715	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009154892																
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Option 2 ID :	441009614717																
Option 3 ID :	441009614714																
Option 4 ID :	441009614715																
Status :	Answered																
Chosen Option :	2																
Q.3 2	Identify the roughness grade number for a roughness value of 0.025 μm .																
Ans	<input type="checkbox"/> 1. N4 <input type="checkbox"/> 2. N2 <input type="checkbox"/> 3. N3 <input checked="" type="checkbox"/> 4. N1																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155102</td></tr> <tr><td>Option 1 ID :</td><td>441009615554</td></tr> <tr><td>Option 2 ID :</td><td>441009615556</td></tr> <tr><td>Option 3 ID :</td><td>441009615555</td></tr> <tr><td>Option 4 ID :</td><td>441009615557</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 :	441009155102	Option 1 ID :	441009615554	Option 2 ID :	441009615556	Option 3 ID :	441009615555	Option 4 ID :	441009615557	Status :	Answered	Chosen Option :	4
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Option 2 ID :	441009615556																
Option 3 ID :	441009615555																
Option 4 ID :	441009615557																
Status :	Answered																
Chosen Option :	4																

Q.3	Which standard specifies dimensions and tolerances for butt-weld pipe fittings in India?																
3																	
Ans	<input checked="" type="checkbox"/> 1. IS 1239 <input checked="" type="checkbox"/> 2. IS 554 <input checked="" type="checkbox"/> 3. IS 1879 <input checked="" type="checkbox"/> 4. IS 6392																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154875</td></tr> <tr><td>Option 1 ID :</td><td>441009614649</td></tr> <tr><td>Option 2 ID :</td><td>441009614646</td></tr> <tr><td>Option 3 ID :</td><td>441009614648</td></tr> <tr><td>Option 4 ID :</td><td>441009614647</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 :	441009154875	Option 1 ID :	441009614649	Option 2 ID :	441009614646	Option 3 ID :	441009614648	Option 4 ID :	441009614647	Status :	Not Answered	Chosen Option :	--
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Option 2 ID :	441009614646																
Option 3 ID :	441009614648																
Option 4 ID :	441009614647																
Status :	Not Answered																
Chosen Option :	--																

Q.3	Which of the following is NOT a component of the Vernier caliper?																
4																	
Ans	<input checked="" type="checkbox"/> 1. Vernier scale <input checked="" type="checkbox"/> 2. Anvil <input checked="" type="checkbox"/> 3. Locking screw <input checked="" type="checkbox"/> 4. Main scale																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155144</td></tr> <tr><td>Option 1 ID :</td><td>441009615723</td></tr> <tr><td>Option 2 ID :</td><td>441009615725</td></tr> <tr><td>Option 3 ID :</td><td>441009615724</td></tr> <tr><td>Option 4 ID :</td><td>441009615722</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 :	441009155144	Option 1 ID :	441009615723	Option 2 ID :	441009615725	Option 3 ID :	441009615724	Option 4 ID :	441009615722	Status :	Answered	Chosen Option :	2
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Option 1 ID :	441009615723																
Option 2 ID :	441009615725																
Option 3 ID :	441009615724																
Option 4 ID :	441009615722																
Status :	Answered																
Chosen Option :	2																

Q.3	Which of the following instruments is used to draw mutually perpendicular lines over a plane surface?																
5																	
Ans	<input checked="" type="checkbox"/> 1. Bevel square <input checked="" type="checkbox"/> 2. Try Square <input checked="" type="checkbox"/> 3. Folding rule <input checked="" type="checkbox"/> 4. Straight edge																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155124</td></tr> <tr><td>Option 1 ID :</td><td>441009615644</td></tr> <tr><td>Option 2 ID :</td><td>441009615645</td></tr> <tr><td>Option 3 ID :</td><td>441009615642</td></tr> <tr><td>Option 4 ID :</td><td>441009615643</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 :	441009155124	Option 1 ID :	441009615644	Option 2 ID :	441009615645	Option 3 ID :	441009615642	Option 4 ID :	441009615643	Status :	Answered	Chosen Option :	2
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Option 2 ID :	441009615645																
Option 3 ID :	441009615642																
Option 4 ID :	441009615643																
Status :	Answered																
Chosen Option :	2																

Q.3 6	The _____ is commonly used to assess hardenability of steel.																		
Ans	<input checked="" type="checkbox"/> 1. Vickers hardness test <input checked="" type="checkbox"/> 2. Brinell hardness test <input checked="" type="checkbox"/> 3. Jominy end-quench test <input checked="" type="checkbox"/> 4. Rockwell hardness test																		
<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154933</td></tr> <tr><td>Option 1 ID :</td><td>441009614878</td></tr> <tr><td>Option 2 ID :</td><td>441009614881</td></tr> <tr><td>Option 3 ID :</td><td>441009614879</td></tr> <tr><td>Option 4 ID :</td><td>441009614880</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 :	441009154933	Option 1 ID :	441009614878	Option 2 ID :	441009614881	Option 3 ID :	441009614879	Option 4 ID :	441009614880	Status :	Answered	Chosen Option :	4
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Question ID :	441009154933																		
Option 1 ID :	441009614878																		
Option 2 ID :	441009614881																		
Option 3 ID :	441009614879																		
Option 4 ID :	441009614880																		
Status :	Answered																		
Chosen Option :	4																		
Q.3 7	Which of the following methods is NOT a case hardening process?																		
Ans	<input checked="" type="checkbox"/> 1. Nitriding <input checked="" type="checkbox"/> 2. Carburising <input checked="" type="checkbox"/> 3. Cyaniding <input checked="" type="checkbox"/> 4. Tempering																		
<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154932</td></tr> <tr><td>Option 1 ID :</td><td>441009614876</td></tr> <tr><td>Option 2 ID :</td><td>441009614877</td></tr> <tr><td>Option 3 ID :</td><td>441009614874</td></tr> <tr><td>Option 4 ID :</td><td>441009614875</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 :	441009154932	Option 1 ID :	441009614876	Option 2 ID :	441009614877	Option 3 ID :	441009614874	Option 4 ID :	441009614875	Status :	Answered	Chosen Option :	4
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Option 1 ID :	441009614876																		
Option 2 ID :	441009614877																		
Option 3 ID :	441009614874																		
Option 4 ID :	441009614875																		
Status :	Answered																		
Chosen Option :	4																		
Q.3 8	What is the primary purpose of preventive maintenance?																		
Ans	<input checked="" type="checkbox"/> 1. To reduce unexpected equipment failures <input checked="" type="checkbox"/> 2. To delay repairs until breakdowns occur <input checked="" type="checkbox"/> 3. To eliminate the need for regular inspections <input checked="" type="checkbox"/> 4. To increase the workload of employees																		
<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156593</td></tr> <tr><td>Option 1 ID :</td><td>441009621535</td></tr> <tr><td>Option 2 ID :</td><td>441009621537</td></tr> <tr><td>Option 3 ID :</td><td>441009621538</td></tr> <tr><td>Option 4 ID :</td><td>441009621536</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 :	441009156593	Option 1 ID :	441009621535	Option 2 ID :	441009621537	Option 3 ID :	441009621538	Option 4 ID :	441009621536	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009621537																		
Option 3 ID :	441009621538																		
Option 4 ID :	441009621536																		
Status :	Answered																		
Chosen Option :	1																		

Q.3	What is the term used to describe programs that distinguish between uppercase and lowercase letters, treating "yes" and "YES" as different inputs?
Ans	<input checked="" type="checkbox"/> 1. Case-sensitive <input type="checkbox"/> 2. Case-insensitive <input type="checkbox"/> 3. Alphabetical <input type="checkbox"/> 4. Numerical

Question Type :	MCQ
Question ID :	441009156569
Option 1 ID :	441009621440
Option 2 ID :	441009621439
Option 3 ID :	441009621441
Option 4 ID :	441009621442
Status :	Answered
Chosen Option :	1

Q.4	_____ is a measuring device that uses the difference between two separate measuring instrument scales to determine a job's measurement.
Ans	<input type="checkbox"/> 1. Neither the principle of Vernier caliper nor micrometer <input type="checkbox"/> 2. Either the principle of Vernier caliper or micrometer <input checked="" type="checkbox"/> 3. The principle of Vernier caliper <input type="checkbox"/> 4. The principle of the micrometer

Question Type :	MCQ
Question ID :	441009155143
Option 1 ID :	441009615721
Option 2 ID :	441009615720
Option 3 ID :	441009615718
Option 4 ID :	441009615719
Status :	Answered
Chosen Option :	2

Q.4	Which of the following statements is/are true about Non-Functional Dimensions (NF) in engineering drawing?
1	<p>Statement 1: Non-functional Dimensions are shown without limits, as they do not affect the functionality of the component or space.</p> <p>Statement 2: Non-Functional Dimensions are typically used for reference purposes only, and do not impact the assembly or performance of the component or space.</p>
Ans	<input type="checkbox"/> 1. Neither statement is true <input type="checkbox"/> 2. Only statement 1 is true <input type="checkbox"/> 3. Both statements are true <input checked="" type="checkbox"/> 4. Only statement 2 is true

Question Type :	MCQ
Question ID :	441009156567
Option 1 ID :	441009621434
Option 2 ID :	441009621431
Option 3 ID :	441009621433
Option 4 ID :	441009621432
Status :	Not Answered
Chosen Option :	--

Q.4 Why is acetylene gas not stored in its gaseous form under pressure above 1 kg/cm² in cylinders?
2

- Ans**
- 1. Because it loses its flammability and becomes ineffective
 - 2. Because it becomes unstable and may explode under high pressure
 - 3. Because it condenses into a liquid and reduces efficiency
 - 4. Because it reacts with the cylinder's material and causes corrosion

Question Type :	MCQ
Question ID :	441009155106
Option 1 ID :	441009615572
Option 2 ID :	441009615570
Option 3 ID :	441009615573
Option 4 ID :	441009615571
Status :	Answered
Chosen Option :	2

Q.4 Which valve is used to control a double-acting cylinder?
3

- Ans**
- 1. 3/2 directional control valve
 - 2. 5/2 directional control valve
 - 3. 2/2 directional control valve
 - 4. Pressure relief valve

Question Type :	MCQ
Question ID :	441009154863
Option 1 ID :	441009614600
Option 2 ID :	441009614598
Option 3 ID :	441009614601
Option 4 ID :	441009614599
Status :	Not Answered
Chosen Option :	--

Q.4 Which of the following materials is most malleable?
4

- Ans**
- 1. Cast iron
 - 2. Glass
 - 3. Copper
 - 4. Gold

Question Type :	MCQ
Question ID :	441009162153
Option 1 ID :	441009642268
Option 2 ID :	441009642265
Option 3 ID :	441009642266
Option 4 ID :	441009642267
Status :	Answered
Chosen Option :	4

Q.4 5	As per the BS standards, the Environment Management code is:																	
Ans	<input checked="" type="checkbox"/> 1. BS EN ISO 9001 <input checked="" type="checkbox"/> 2. BS ISO 45001 <input checked="" type="checkbox"/> 3. BS EN ISO/IEC 27001 <input checked="" type="checkbox"/> 4. BS EN ISO 14001																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155111</td></tr> <tr><td>Option 1 ID :</td><td>441009615590</td></tr> <tr><td>Option 2 ID :</td><td>441009615593</td></tr> <tr><td>Option 3 ID :</td><td>441009615592</td></tr> <tr><td>Option 4 ID :</td><td>441009615591</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 :	441009155111	Option 1 ID :	441009615590	Option 2 ID :	441009615593	Option 3 ID :	441009615592	Option 4 ID :	441009615591	Status :	Not Answered	Chosen Option :	--
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Question ID :	441009155111																	
Option 1 ID :	441009615590																	
Option 2 ID :	441009615593																	
Option 3 ID :	441009615592																	
Option 4 ID :	441009615591																	
Status :	Not Answered																	
Chosen Option :	--																	
Q.4 6	What type of valve is used to prevent backflow in a pneumatic system?																	
Ans	<input checked="" type="checkbox"/> 1. Pressure relief valve <input checked="" type="checkbox"/> 2. Directional control valve <input checked="" type="checkbox"/> 3. Flow control valve <input checked="" type="checkbox"/> 4. Check valve																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154864</td></tr> <tr><td>Option 1 ID :</td><td>441009614603</td></tr> <tr><td>Option 2 ID :</td><td>441009614605</td></tr> <tr><td>Option 3 ID :</td><td>441009614602</td></tr> <tr><td>Option 4 ID :</td><td>441009614604</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 :	441009154864	Option 1 ID :	441009614603	Option 2 ID :	441009614605	Option 3 ID :	441009614602	Option 4 ID :	441009614604	Status :	Answered	Chosen Option :	2
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Option 2 ID :	441009614605																	
Option 3 ID :	441009614602																	
Option 4 ID :	441009614604																	
Status :	Answered																	
Chosen Option :	2																	
Q.4 7	For which of the following calipers, a screw and nut are provided for opening and closing the caliper legs?																	
Ans	<input checked="" type="checkbox"/> 1. Spring joint calipers <input checked="" type="checkbox"/> 2. Leg and point calipers <input checked="" type="checkbox"/> 3. Simple calipers <input checked="" type="checkbox"/> 4. Firm joint calipers																	
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Question ID :	441009156632																	
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Option 2 ID :	441009621693																	
Option 3 ID :	441009621694																	
Option 4 ID :	441009621691																	
Status :	Answered																	
Chosen Option :	1																	

Q.4	Force fit will give _____ type of allowance.
8	
Ans	<input checked="" type="checkbox"/> 1. neither positive nor negative <input checked="" type="checkbox"/> 2. either positive or negative <input checked="" type="checkbox"/> 3. negative <input checked="" type="checkbox"/> 4. positive

Question Type :	MCQ
Question ID :	441009155187
Option 1 ID :	441009615897
Option 2 ID :	441009615896
Option 3 ID :	441009615895
Option 4 ID :	441009615894
Status :	Answered
Chosen Option :	3

Q.4	Which of the following is an INCORRECT statement for belt-pulley system?
9	
Ans	<input checked="" type="checkbox"/> 1. The pulleys should not be too close together. <input checked="" type="checkbox"/> 2. A long belt tends to swing from side to side, causing the belt to run out of the pulleys. <input checked="" type="checkbox"/> 3. The pulleys should not be too far apart. <input checked="" type="checkbox"/> 4. Arc of contact on the smaller pulley may be as small as possible.

Question Type :	MCQ
Question ID :	441009155112
Option 1 ID :	441009615594
Option 2 ID :	441009615597
Option 3 ID :	441009615595
Option 4 ID :	441009615596
Status :	Not Answered
Chosen Option :	--

Q.5	What is the primary purpose of shielding in electrical cables?
0	
Ans	<input checked="" type="checkbox"/> 1. To increase the current-carrying capacity of the cable <input checked="" type="checkbox"/> 2. To protect the cable from external electromagnetic interference <input checked="" type="checkbox"/> 3. To prevent heat loss from the cable <input checked="" type="checkbox"/> 4. To increase the voltage capacity of the cable

Question Type :	MCQ
Question ID :	441009156531
Option 1 ID :	441009621290
Option 2 ID :	441009621289
Option 3 ID :	441009621288
Option 4 ID :	441009621287
Status :	Answered
Chosen Option :	2

Q.5	1	The main drawback of using a 4-jaw chuck compared to a 3-jaw chuck is:																
Ans		<input checked="" type="checkbox"/> 1. it cannot grip work on the inside surface <input checked="" type="checkbox"/> 2. it requires more setting time <input checked="" type="checkbox"/> 3. it provides a less secure grip <input checked="" type="checkbox"/> 4. it can only hold regular shaped jobs																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155145</td></tr> <tr><td>Option 1 ID :</td><td>441009615729</td></tr> <tr><td>Option 2 ID :</td><td>441009615727</td></tr> <tr><td>Option 3 ID :</td><td>441009615726</td></tr> <tr><td>Option 4 ID :</td><td>441009615728</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 :	441009155145	Option 1 ID :	441009615729	Option 2 ID :	441009615727	Option 3 ID :	441009615726	Option 4 ID :	441009615728	Status :	Not Answered	Chosen Option :	--
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Option 3 ID :	441009615726																	
Option 4 ID :	441009615728																	
Status :	Not Answered																	
Chosen Option :	--																	
Q.5	2	On a digital vernier caliper, the purpose of pressing the zero button is to:																
Ans		<input checked="" type="checkbox"/> 1. change the units of measurement <input checked="" type="checkbox"/> 2. lock the jaws in a fixed position <input checked="" type="checkbox"/> 3. set the reading to zero <input checked="" type="checkbox"/> 4. turn the LCD display on or off																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155156</td></tr> <tr><td>Option 1 ID :</td><td>441009615770</td></tr> <tr><td>Option 2 ID :</td><td>441009615773</td></tr> <tr><td>Option 3 ID :</td><td>441009615772</td></tr> <tr><td>Option 4 ID :</td><td>441009615771</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 :	441009155156	Option 1 ID :	441009615770	Option 2 ID :	441009615773	Option 3 ID :	441009615772	Option 4 ID :	441009615771	Status :	Answered	Chosen Option :	3
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Option 2 ID :	441009615773																	
Option 3 ID :	441009615772																	
Option 4 ID :	441009615771																	
Status :	Answered																	
Chosen Option :	3																	
Q.5	3	When is the use of a sensitive measuring instrument necessary?																
Ans		<input checked="" type="checkbox"/> 1. When comparing colours <input checked="" type="checkbox"/> 2. When working with large surfaces <input checked="" type="checkbox"/> 3. When high accuracy is required <input checked="" type="checkbox"/> 4. When machining soft materials																
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Option 2 ID :	441009614772																	
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Option 4 ID :	441009614773																	
Status :	Answered																	
Chosen Option :	3																	

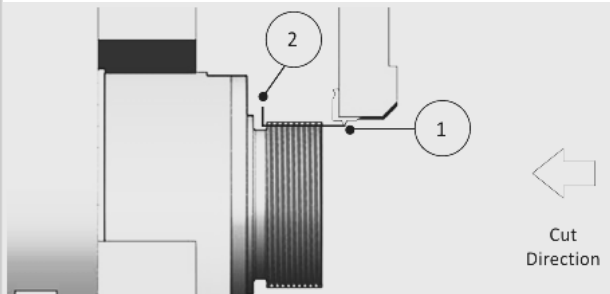
Q.5	Why is Prussian blue applied to the surface plate before scraping?																
4																	
Ans	<input checked="" type="checkbox"/> 1. To lubricate the surface for easy movement <input checked="" type="checkbox"/> 2. To create a permanent marking on the job <input checked="" type="checkbox"/> 3. To protect the surface plate from scratches <input checked="" type="checkbox"/> 4. To identify high spots on the workpiece for accurate scraping																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154888</td></tr> <tr><td>Option 1 ID :</td><td>441009614698</td></tr> <tr><td>Option 2 ID :</td><td>441009614701</td></tr> <tr><td>Option 3 ID :</td><td>441009614700</td></tr> <tr><td>Option 4 ID :</td><td>441009614699</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 :	441009154888	Option 1 ID :	441009614698	Option 2 ID :	441009614701	Option 3 ID :	441009614700	Option 4 ID :	441009614699	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009154888																
Option 1 ID :	441009614698																
Option 2 ID :	441009614701																
Option 3 ID :	441009614700																
Option 4 ID :	441009614699																
Status :	Answered																
Chosen Option :	4																
Q.5	Natural rubber is soft at high temperatures and brittle at low temperatures; hence raw rubber is heated with sulphur and other additives at a temperature range between 373 – 415 K to make it strong. This process is called _____ of rubber.																
5																	
Ans	<input checked="" type="checkbox"/> 1. extrusion <input checked="" type="checkbox"/> 2. latex <input checked="" type="checkbox"/> 3. molding <input checked="" type="checkbox"/> 4. vulcanisation																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156647</td></tr> <tr><td>Option 1 ID :</td><td>441009621754</td></tr> <tr><td>Option 2 ID :</td><td>441009621753</td></tr> <tr><td>Option 3 ID :</td><td>441009621752</td></tr> <tr><td>Option 4 ID :</td><td>441009621751</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 :	441009156647	Option 1 ID :	441009621754	Option 2 ID :	441009621753	Option 3 ID :	441009621752	Option 4 ID :	441009621751	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009156647																
Option 1 ID :	441009621754																
Option 2 ID :	441009621753																
Option 3 ID :	441009621752																
Option 4 ID :	441009621751																
Status :	Answered																
Chosen Option :	4																
Q.5	What is the primary goal of the 5S concept?																
6																	
Ans	<input checked="" type="checkbox"/> 1. To eliminate the need for maintenance <input checked="" type="checkbox"/> 2. To replace traditional safety measures <input checked="" type="checkbox"/> 3. To improve workplace organisation and efficiency <input checked="" type="checkbox"/> 4. To increase the number of safety regulations																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156590</td></tr> <tr><td>Option 1 ID :</td><td>441009621525</td></tr> <tr><td>Option 2 ID :</td><td>441009621526</td></tr> <tr><td>Option 3 ID :</td><td>441009621523</td></tr> <tr><td>Option 4 ID :</td><td>441009621524</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 :	441009156590	Option 1 ID :	441009621525	Option 2 ID :	441009621526	Option 3 ID :	441009621523	Option 4 ID :	441009621524	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
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Option 1 ID :	441009621525																
Option 2 ID :	441009621526																
Option 3 ID :	441009621523																
Option 4 ID :	441009621524																
Status :	Answered																
Chosen Option :	3																

Q.5	Which hardness test uses a hardened steel ball as an indenter?																
7																	
Ans	<input checked="" type="checkbox"/> 1. Rockwell Hardness Test <input checked="" type="checkbox"/> 2. Knoop Hardness Test <input checked="" type="checkbox"/> 3. Vickers Hardness Test <input checked="" type="checkbox"/> 4. Brinell Hardness Test																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155168</td></tr> <tr><td>Option 1 ID :</td><td>441009615820</td></tr> <tr><td>Option 2 ID :</td><td>441009615821</td></tr> <tr><td>Option 3 ID :</td><td>441009615819</td></tr> <tr><td>Option 4 ID :</td><td>441009615818</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 :	441009155168	Option 1 ID :	441009615820	Option 2 ID :	441009615821	Option 3 ID :	441009615819	Option 4 ID :	441009615818	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009155168																
Option 1 ID :	441009615820																
Option 2 ID :	441009615821																
Option 3 ID :	441009615819																
Option 4 ID :	441009615818																
Status :	Not Answered																
Chosen Option :	--																
Q.5	Which type of roller bearing is best suited for automobile application for carrying both radial and axial loads in a single direction?																
8																	
Ans	<input checked="" type="checkbox"/> 1. Cylindrical roller bearing <input checked="" type="checkbox"/> 2. Tapered roller bearing <input checked="" type="checkbox"/> 3. Spherical roller bearing <input checked="" type="checkbox"/> 4. Needle roller bearing																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154882</td></tr> <tr><td>Option 1 ID :</td><td>441009614677</td></tr> <tr><td>Option 2 ID :</td><td>441009614674</td></tr> <tr><td>Option 3 ID :</td><td>441009614676</td></tr> <tr><td>Option 4 ID :</td><td>441009614675</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 :	441009154882	Option 1 ID :	441009614677	Option 2 ID :	441009614674	Option 3 ID :	441009614676	Option 4 ID :	441009614675	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009154882																
Option 1 ID :	441009614677																
Option 2 ID :	441009614674																
Option 3 ID :	441009614676																
Option 4 ID :	441009614675																
Status :	Not Answered																
Chosen Option :	--																
Q.5	How is the height of a planer gauge adjusted?																
9																	
Ans	<input checked="" type="checkbox"/> 1. By rotating a vernier scale <input checked="" type="checkbox"/> 2. By using slip gauges <input checked="" type="checkbox"/> 3. By tightening a micrometer screw <input checked="" type="checkbox"/> 4. By applying pressure manually																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155119</td></tr> <tr><td>Option 1 ID :</td><td>441009615624</td></tr> <tr><td>Option 2 ID :</td><td>441009615622</td></tr> <tr><td>Option 3 ID :</td><td>441009615623</td></tr> <tr><td>Option 4 ID :</td><td>441009615625</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 :	441009155119	Option 1 ID :	441009615624	Option 2 ID :	441009615622	Option 3 ID :	441009615623	Option 4 ID :	441009615625	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009155119																
Option 1 ID :	441009615624																
Option 2 ID :	441009615622																
Option 3 ID :	441009615623																
Option 4 ID :	441009615625																
Status :	Not Answered																
Chosen Option :	--																

<p>Q.6 0</p>	<p>Heavy belt drives are used to transmit large powers at belt speeds _____.</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. up to about 10 m/s</p> <p><input type="checkbox"/> 2. between 15 m/s and 22 m/s</p> <p><input checked="" type="checkbox"/> 3. above 22 m/s</p> <p><input type="checkbox"/> 4. between 10 m/s and 15 m/s</p>																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009162140</td></tr> <tr><td>Option 1 ID :</td><td>441009642213</td></tr> <tr><td>Option 2 ID :</td><td>441009642215</td></tr> <tr><td>Option 3 ID :</td><td>441009642216</td></tr> <tr><td>Option 4 ID :</td><td>441009642214</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 :	441009162140	Option 1 ID :	441009642213	Option 2 ID :	441009642215	Option 3 ID :	441009642216	Option 4 ID :	441009642214	Status :	Not Answered	Chosen Option :	--
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Question ID :	441009162140																	
Option 1 ID :	441009642213																	
Option 2 ID :	441009642215																	
Option 3 ID :	441009642216																	
Option 4 ID :	441009642214																	
Status :	Not Answered																	
Chosen Option :	--																	
<p>Q.6 1</p>	<p>In a logic circuit, three SPST (Single Pole Single Throw) switches are used to implement a logic gate. The switches are connected in series. What is the output of the circuit if all switches are closed?</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. The output will depend on the type of gate used</p> <p><input checked="" type="checkbox"/> 2. 1</p> <p><input type="checkbox"/> 3. 0</p> <p><input type="checkbox"/> 4. Undefined</p>																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156516</td></tr> <tr><td>Option 1 ID :</td><td>441009621230</td></tr> <tr><td>Option 2 ID :</td><td>441009621227</td></tr> <tr><td>Option 3 ID :</td><td>441009621228</td></tr> <tr><td>Option 4 ID :</td><td>441009621229</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 :	441009156516	Option 1 ID :	441009621230	Option 2 ID :	441009621227	Option 3 ID :	441009621228	Option 4 ID :	441009621229	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																	
Question ID :	441009156516																	
Option 1 ID :	441009621230																	
Option 2 ID :	441009621227																	
Option 3 ID :	441009621228																	
Option 4 ID :	441009621229																	
Status :	Not Answered																	
Chosen Option :	--																	
<p>Q.6 2</p>	<p>In a circuit with a NTC type thermistor and a fixed resistor connected in series connected to a DC power supply, what will happen to the output voltage if there is a rise in temperature?</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. The output voltage will fluctuate depending on the resistor value.</p> <p><input type="checkbox"/> 2. The output voltage will remain constant.</p> <p><input checked="" type="checkbox"/> 3. The output voltage will increase.</p> <p><input type="checkbox"/> 4. The output voltage will decrease.</p>																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156523</td></tr> <tr><td>Option 1 ID :</td><td>441009621258</td></tr> <tr><td>Option 2 ID :</td><td>441009621257</td></tr> <tr><td>Option 3 ID :</td><td>441009621256</td></tr> <tr><td>Option 4 ID :</td><td>441009621255</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 :	441009156523	Option 1 ID :	441009621258	Option 2 ID :	441009621257	Option 3 ID :	441009621256	Option 4 ID :	441009621255	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009156523																	
Option 1 ID :	441009621258																	
Option 2 ID :	441009621257																	
Option 3 ID :	441009621256																	
Option 4 ID :	441009621255																	
Status :	Answered																	
Chosen Option :	4																	

Q.6 In a thread cutting operation, symbols 1 and 2 indicate ____ and ____.

3



- Ans
- 1. Pull Off; Pull Off
 - 2. Pull Off; Start Cut
 - 3. Start Cut; Pull Off
 - 4. Start Cut; Start Cut

Question Type :	MCQ
Question ID :	441009155167
Option 1 ID :	441009615816
Option 2 ID :	441009615815
Option 3 ID :	441009615814
Option 4 ID :	441009615817
Status :	Not Answered
Chosen Option :	--

Q.6 Which of the following statements best describes the application of oxy-other fuel gas welding?

4

- Ans
- 1. It is preferred for welding metals with lower heat requirements.
 - 2. It produces a higher flame temperature than oxy-acetylene welding.
 - 3. It is mainly used for welding thick steel plates.
 - 4. It is used for welding metals requiring high heat input.

Question Type :	MCQ
Question ID :	441009155108
Option 1 ID :	441009615579
Option 2 ID :	441009615580
Option 3 ID :	441009615581
Option 4 ID :	441009615578
Status :	Answered
Chosen Option :	1

Q.6 A 100-mm centre-punch could have a 10-mm diameter body and a 6-mm diameter point ground to an angle of _____.

- Ans**
- 1. 30°
 - 2. 90°
 - 3. 120°
 - 4. 60°

Question Type :	MCQ
Question ID :	441009161829
Option 1 ID :	441009640969
Option 2 ID :	441009640971
Option 3 ID :	441009640972
Option 4 ID :	441009640970
Status :	Answered
Chosen Option :	2

Q.6 Which of the following is a major risk associated with fuel spillage?

- Ans**
- 1. Increased productivity
 - 2. Reduced need for ventilation
 - 3. Fire hazards and environmental contamination
 - 4. Better lubrication for workshop floors

Question Type :	MCQ
Question ID :	441009156599
Option 1 ID :	441009621560
Option 2 ID :	441009621562
Option 3 ID :	441009621559
Option 4 ID :	441009621561
Status :	Answered
Chosen Option :	3

Q.6 _____ material is commonly used for blue matching in scraping.

- Ans**
- 1. Sandpaper
 - 2. Chalk powder
 - 3. Prussian blue
 - 4. Graphite powder

Question Type :	MCQ
Question ID :	441009154925
Option 1 ID :	441009614846
Option 2 ID :	441009614848
Option 3 ID :	441009614847
Option 4 ID :	441009614849
Status :	Answered
Chosen Option :	3

Q.6	Malleability is most important for which type of industrial application?
8	
Ans	<input checked="" type="checkbox"/> 1. Bearing production <input checked="" type="checkbox"/> 2. Cutting tool manufacturing <input checked="" type="checkbox"/> 3. Sheet metal fabrication <input checked="" type="checkbox"/> 4. Wire manufacturing

Question Type :	MCQ
Question ID :	441009162152
Option 1 ID :	441009642263
Option 2 ID :	441009642264
Option 3 ID :	441009642262
Option 4 ID :	441009642261
Status :	Answered
Chosen Option :	3

Q.6	A statement and conclusion for pictorial drawing are given below. Determine the logical relationship between them.
9	
	<p>Statement: Pictorial drawings are three-dimensional and provide a visual representation of an object.</p> <p>Conclusion: Therefore, pictorial drawings are useful for describing the shape of a piece part or component.</p>
Ans	<input checked="" type="checkbox"/> 1. The conclusion is unrelated to the statement. <input checked="" type="checkbox"/> 2. The conclusion is partially supported by the statement. <input checked="" type="checkbox"/> 3. The conclusion does not logically follow from the statement. <input checked="" type="checkbox"/> 4. The conclusion logically follows from the statement.

Question Type :	MCQ
Question ID :	441009156561
Option 1 ID :	441009621410
Option 2 ID :	441009621409
Option 3 ID :	441009621408
Option 4 ID :	441009621407
Status :	Not Answered
Chosen Option :	--

Q.7 The accuracy of measurement by a try square is about:
0

Ans ✓ 1. 0.002 mm per 10 mm length
 ✗ 2. 0.02 mm per 10 mm length
 ✗ 3. 0.004 mm per 10 mm length
 ✗ 4. 0.001 mm per 10 mm length



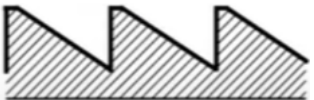
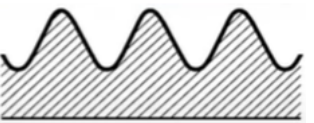
Question Type :	MCQ
Question ID :	441009240891
Option 1 ID :	441009941522
Option 2 ID :	441009941524
Option 3 ID :	441009941523
Option 4 ID :	441009941521
Status :	Answered
Chosen Option :	1

Q.7 Which type of tap is best suited for starting a thread in a blind hole?
1

Ans ✗ 1. Plug Tap
 ✓ 2. Taper Tap
 ✗ 3. Spiral Point Tap
 ✗ 4. Bottoming Tap

Question Type :	MCQ
Question ID :	441009154873
Option 1 ID :	441009614641
Option 2 ID :	441009614638
Option 3 ID :	441009614640
Option 4 ID :	441009614639
Status :	Not Answered
Chosen Option :	--



Q.7	Identify the ACME thread.																
2																	
Ans	<div style="display: flex; align-items: center; margin-bottom: 10px;"> ✓ 1.  </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> ✗ 2.  </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> ✗ 3.  </div> <div style="display: flex; align-items: center;"> ✗ 4.  </div>																
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Question Type :	MCQ																
Question ID :	441009155169																
Option 1 ID :	441009615824																
Option 2 ID :	441009615825																
Option 3 ID :	441009615823																
Option 4 ID :	441009615822																
Status :	Answered																
Chosen Option :	1																
Q.7	What type of surfaces can be checked using a radius gauge?																
3																	
Ans	<div style="display: flex; align-items: center; margin-bottom: 5px;"> ✗ 1. Only external curved surfaces </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> ✗ 2. Only internal curved surfaces </div> <div style="display: flex; align-items: center; margin-bottom: 5px;"> ✗ 3. Only flat surfaces </div> <div style="display: flex; align-items: center;"> ✓ 4. Both internal and external curved surfaces </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>441009162145</td></tr> <tr><td>Option 1 ID :</td><td>441009642234</td></tr> <tr><td>Option 2 ID :</td><td>441009642233</td></tr> <tr><td>Option 3 ID :</td><td>441009642236</td></tr> <tr><td>Option 4 ID :</td><td>441009642235</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 :	441009162145	Option 1 ID :	441009642234	Option 2 ID :	441009642233	Option 3 ID :	441009642236	Option 4 ID :	441009642235	Status :	Answered	Chosen Option :	4
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Option 3 ID :	441009642236																
Option 4 ID :	441009642235																
Status :	Answered																
Chosen Option :	4																

Q.7 4	An angle greater than 180 degrees is referred to as _____.																
Ans	<div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"><input checked="" type="checkbox"/> 1. a right angle</div> <div style="display: flex; align-items: center;"><input checked="" type="checkbox"/> 2. a reflex angle</div> <div style="display: flex; align-items: center;"><input checked="" type="checkbox"/> 3. an obtuse angle</div> <div style="display: flex; align-items: center;"><input checked="" type="checkbox"/> 4. an acute angle</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>441009156539</td></tr> <tr><td>Option 1 ID :</td><td>441009621320</td></tr> <tr><td>Option 2 ID :</td><td>441009621322</td></tr> <tr><td>Option 3 ID :</td><td>441009621319</td></tr> <tr><td>Option 4 ID :</td><td>441009621321</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 :	441009156539	Option 1 ID :	441009621320	Option 2 ID :	441009621322	Option 3 ID :	441009621319	Option 4 ID :	441009621321	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009156539																
Option 1 ID :	441009621320																
Option 2 ID :	441009621322																
Option 3 ID :	441009621319																
Option 4 ID :	441009621321																
Status :	Answered																
Chosen Option :	2																
Q.7 5	Which of the following is NOT a component of twist drill?																
Ans	<div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"><input checked="" type="checkbox"/> 1. Body</div> <div style="display: flex; align-items: center;"><input checked="" type="checkbox"/> 2. Flutes</div> <div style="display: flex; align-items: center;"><input checked="" type="checkbox"/> 3. Neck</div> <div style="display: flex; align-items: center;"><input checked="" type="checkbox"/> 4. Shank</div> </div>																
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Question ID :	441009155133																
Option 1 ID :	441009615679																
Option 2 ID :	441009615681																
Option 3 ID :	441009615680																
Option 4 ID :	441009615678																
Status :	Answered																
Chosen Option :	3																

