

**RRB ALP
CBT-II**

**Previous Year Paper
(Heat Engine)**

06 May, 2025 Shift 2



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CEN 01/2024 - ALP / सहायक लोको पायलट



Roll Number	
Candidate Name	
Test Center Name	
Community	
Test Date	06/05/2025
Test Time	2:30 PM - 5:00 PM
Subject	Heat Engine
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	Which of the following is the correct statement of Ohm's Law?
Ans	<input checked="" type="checkbox"/> 1. The potential difference across the ends of a conductor is inversely proportional to the current flowing through it. <input checked="" type="checkbox"/> 2. If the potential difference across the two ends of a conductor is 1 V and the current through it is 1A, then the resistance of the conductor is 2Ω. <input checked="" type="checkbox"/> 3. The potential difference across the ends of a conductor is directly proportional to the current flowing through it. <input checked="" type="checkbox"/> 4. Current through a resistor is directly proportional to its resistance.

Question Type :	MCQ
Question ID :	441009153522
Option 1 ID :	441009609259
Option 2 ID :	441009609261
Option 3 ID :	441009609258
Option 4 ID :	441009609260
Status :	Answered
Chosen Option :	3

Q.2	What is necessary for a circuit to have electric current flowing through it?
Ans	<input checked="" type="checkbox"/> 1. Only bulb <input checked="" type="checkbox"/> 2. A closed conducting path with a voltage source <input checked="" type="checkbox"/> 3. Only wire <input checked="" type="checkbox"/> 4. Only switch

Question Type :	MCQ
Question ID :	441009153529
Option 1 ID :	441009609286
Option 2 ID :	441009609289
Option 3 ID :	441009609288
Option 4 ID :	441009609287
Status :	Answered
Chosen Option :	2

Q.3	Find the minimum value of $2x^2 - 5x - 3$ and also find x.
Ans	<input checked="" type="checkbox"/> 1. -6.125 and x = 1.25 <input checked="" type="checkbox"/> 2. 6.125 and x = 1.2 <input checked="" type="checkbox"/> 3. 6.125 and x = 1.25 <input checked="" type="checkbox"/> 4. -6.125 and x = 0.25

Question Type :	MCQ
Question ID :	441009153657
Option 1 ID :	441009609801
Option 2 ID :	441009609798
Option 3 ID :	441009609799
Option 4 ID :	441009609800
Status :	Answered
Chosen Option :	1

Q.4	Which of the following terms is used to describe the pollutants that originate from identifiable sources, such as factories or vehicles?
Ans	<input checked="" type="checkbox"/> 1. Point Source Pollution <input type="checkbox"/> 2. Non-point Source Pollution <input type="checkbox"/> 3. Radicle Pollution <input type="checkbox"/> 4. Random Pollution

Question Type :	MCQ
Question ID :	441009158545
Option 1 ID :	441009629115
Option 2 ID :	441009629116
Option 3 ID :	441009629118
Option 4 ID :	441009629117
Status :	Answered
Chosen Option :	1

Q.5	Which of the following statements is NOT true?
Ans	<input type="checkbox"/> 1. Laboratory thermometer cannot be used to measure body temperature. <input type="checkbox"/> 2. Clinical thermometer should not be used to measure the temperature of boiling water. <input type="checkbox"/> 3. The range of clinical thermometer is 35 to 42°C. <input checked="" type="checkbox"/> 4. Clinical and laboratory thermometers are the same.

Question Type :	MCQ
Question ID :	441009160726
Option 1 ID :	441009636691
Option 2 ID :	441009636690
Option 3 ID :	441009636692
Option 4 ID :	441009636689
Status :	Answered
Chosen Option :	4

Q.6	The marked price of an article was ₹27,500. The shopkeeper gave two successive discounts; the first discount was 20%, and the second was at a rate of 30% of the first discount. What is the selling price (in ₹) of the article?
Ans	<input type="checkbox"/> 1. 20,086 <input type="checkbox"/> 2. 20,860 <input checked="" type="checkbox"/> 3. 20,680 <input type="checkbox"/> 4. 26,080

Question Type :	MCQ
Question ID :	441009153638
Option 1 ID :	441009609722
Option 2 ID :	441009609725
Option 3 ID :	441009609723
Option 4 ID :	441009609724
Status :	Answered
Chosen Option :	2

Q.7	How is a voltmeter connected in a circuit to measure potential difference?																	
Ans	<input checked="" type="checkbox"/> 1. Directly to the power source only <input checked="" type="checkbox"/> 2. In parallel across the points where potential difference is to be measured <input checked="" type="checkbox"/> 3. In series with the circuit <input checked="" type="checkbox"/> 4. Neither in series nor in parallel																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153528</td></tr> <tr><td>Option 1 ID :</td><td>441009609285</td></tr> <tr><td>Option 2 ID :</td><td>441009609284</td></tr> <tr><td>Option 3 ID :</td><td>441009609282</td></tr> <tr><td>Option 4 ID :</td><td>441009609283</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 :	441009153528	Option 1 ID :	441009609285	Option 2 ID :	441009609284	Option 3 ID :	441009609282	Option 4 ID :	441009609283	Status :	Answered	Chosen Option :	2
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Option 3 ID :	441009609282																	
Option 4 ID :	441009609283																	
Status :	Answered																	
Chosen Option :	2																	
Q.8	An electric heater of resistance 50Ω uses a current of 3 A. Determine the heat generated in 20 seconds.																	
Ans	<input checked="" type="checkbox"/> 1. 60 J <input checked="" type="checkbox"/> 2. 1000 J <input checked="" type="checkbox"/> 3. 5000 J <input checked="" type="checkbox"/> 4. 9000 J																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153536</td></tr> <tr><td>Option 1 ID :</td><td>441009609317</td></tr> <tr><td>Option 2 ID :</td><td>441009609315</td></tr> <tr><td>Option 3 ID :</td><td>441009609314</td></tr> <tr><td>Option 4 ID :</td><td>441009609316</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 :	441009153536	Option 1 ID :	441009609317	Option 2 ID :	441009609315	Option 3 ID :	441009609314	Option 4 ID :	441009609316	Status :	Answered	Chosen Option :	4
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Option 1 ID :	441009609317																	
Option 2 ID :	441009609315																	
Option 3 ID :	441009609314																	
Option 4 ID :	441009609316																	
Status :	Answered																	
Chosen Option :	4																	
Q.9	If an electric load draws a current of 2 A for 1 second, then calculate the number of electrons (with charge 1.6×10^{-19} C) passing through the load.																	
Ans	<input checked="" type="checkbox"/> 1. 0.25×10^{20} <input checked="" type="checkbox"/> 2. 1.25×10^{19} <input checked="" type="checkbox"/> 3. 1.25×10^{20} <input checked="" type="checkbox"/> 4. 0.25×10^{19}																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153525</td></tr> <tr><td>Option 1 ID :</td><td>441009609273</td></tr> <tr><td>Option 2 ID :</td><td>441009609270</td></tr> <tr><td>Option 3 ID :</td><td>441009609271</td></tr> <tr><td>Option 4 ID :</td><td>441009609272</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 :	441009153525	Option 1 ID :	441009609273	Option 2 ID :	441009609270	Option 3 ID :	441009609271	Option 4 ID :	441009609272	Status :	Answered	Chosen Option :	2
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Option 3 ID :	441009609271																	
Option 4 ID :	441009609272																	
Status :	Answered																	
Chosen Option :	2																	

Q.1 Which of the following is the primary reason for adopting scientifically designed methods for safely disposing of toxic waste from automobiles?

0

Ans 1. To increase vehicle performance by optimising engine efficiency

2. To reduce fuel consumption and improve overall efficiency

3. To protect human health from harmful fumes and dust in the air

4. To improve vehicle lifespan by minimising mechanical wear

Question Type :	MCQ
Question ID :	441009156608
Option 1 ID :	441009621595
Option 2 ID :	441009621596
Option 3 ID :	441009621597
Option 4 ID :	441009621598
Status :	Answered
Chosen Option :	3

Q.1 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

1

AD8, FI16, KN24, ?

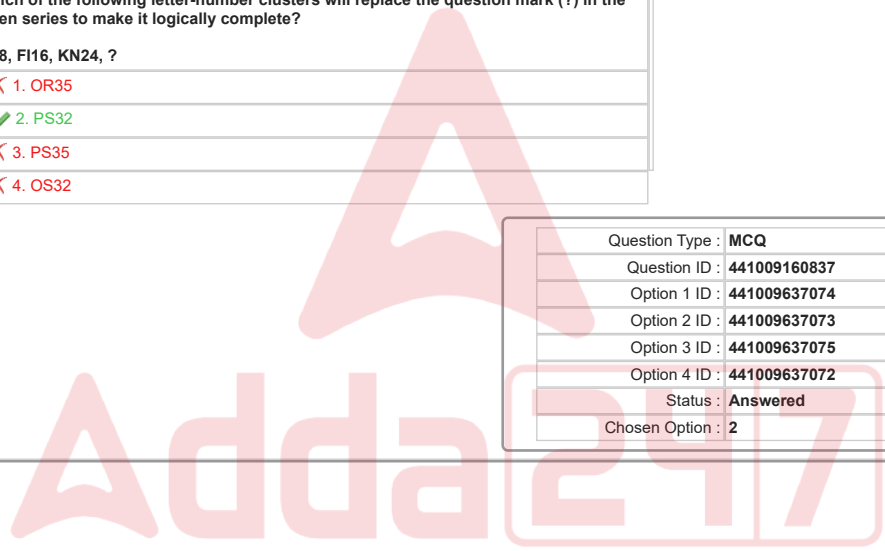
Ans 1. OR35

2. PS32

3. PS35

4. OS32

Question Type :	MCQ
Question ID :	441009160837
Option 1 ID :	441009637074
Option 2 ID :	441009637073
Option 3 ID :	441009637075
Option 4 ID :	441009637072
Status :	Answered
Chosen Option :	2



Q.1 Pipes A and B can fill a rectangular tank in 40 minutes and 120 minutes, respectively.
 2 Pipe C can empty the completely filled same tank in 240 minutes. If pipes A, B and C are opened at the same time, then how many minutes will it take to fill the tank?

Ans

- ✗ 1. $34\frac{2}{8}$
- ✗ 2. $34\frac{3}{7}$
- ✗ 3. $32\frac{2}{7}$
- ✓ 4. $34\frac{2}{7}$

Question Type :	MCQ
Question ID :	441009153649
Option 1 ID :	441009609766
Option 2 ID :	441009609767
Option 3 ID :	441009609769
Option 4 ID :	441009609768
Status :	Answered
Chosen Option :	4

Q.1 What should come in place of the question mark (?) in the given alpha-numeric series?
 3 Q16, O14, M12, K10, I8, ?

Ans

- ✓ 1. G6
- ✗ 2. J6
- ✗ 3. G4
- ✗ 4. H6

Question Type :	MCQ
Question ID :	441009155673
Option 1 ID :	441009617860
Option 2 ID :	441009617862
Option 3 ID :	441009617859
Option 4 ID :	441009617861
Status :	Answered
Chosen Option :	1

Q.1 4	A refrigerator seller offers a discount of 10% on its listed price of ₹57,500 and still earns a profit of 15%. The cost price of the refrigerator is:																
Ans	<input checked="" type="checkbox"/> 1. ₹42,000 <input checked="" type="checkbox"/> 2. ₹48,000 <input checked="" type="checkbox"/> 3. ₹40,000 <input checked="" type="checkbox"/> 4. ₹45,000																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153620</td></tr> <tr><td>Option 1 ID :</td><td>441009609652</td></tr> <tr><td>Option 2 ID :</td><td>441009609651</td></tr> <tr><td>Option 3 ID :</td><td>441009609650</td></tr> <tr><td>Option 4 ID :</td><td>441009609653</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 :	441009153620	Option 1 ID :	441009609652	Option 2 ID :	441009609651	Option 3 ID :	441009609650	Option 4 ID :	441009609653	Status :	Answered	Chosen Option :	4
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Option 2 ID :	441009609651																
Option 3 ID :	441009609650																
Option 4 ID :	441009609653																
Status :	Answered																
Chosen Option :	4																
Q.1 5	Why is regular maintenance of HVAC systems considered a medium ECO?																
Ans	<input checked="" type="checkbox"/> 1. It decreases the system's energy consumption. <input checked="" type="checkbox"/> 2. It speeds up system breakdowns. <input checked="" type="checkbox"/> 3. It increases the cost of energy. <input checked="" type="checkbox"/> 4. It prevents overheating of the system.																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009158539</td></tr> <tr><td>Option 1 ID :</td><td>441009629092</td></tr> <tr><td>Option 2 ID :</td><td>441009629094</td></tr> <tr><td>Option 3 ID :</td><td>441009629093</td></tr> <tr><td>Option 4 ID :</td><td>441009629091</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 :	441009158539	Option 1 ID :	441009629092	Option 2 ID :	441009629094	Option 3 ID :	441009629093	Option 4 ID :	441009629091	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009629094																
Option 3 ID :	441009629093																
Option 4 ID :	441009629091																
Status :	Answered																
Chosen Option :	1																
Q.1 6	A shopkeeper sells sugar at ₹30 per kg, which he has bought at ₹24 per kg. Being dishonest, he also gives only y gm of sugar instead of 1000 gm that is mentioned on the weight. In this way, the shopkeeper manages to make an overall profit of $66\frac{2}{3}\%$. What is the value of y?																
Ans	<input checked="" type="checkbox"/> 1. 750 <input checked="" type="checkbox"/> 2. 720 <input checked="" type="checkbox"/> 3. 800 <input checked="" type="checkbox"/> 4. 600																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153658</td></tr> <tr><td>Option 1 ID :</td><td>441009609805</td></tr> <tr><td>Option 2 ID :</td><td>441009609802</td></tr> <tr><td>Option 3 ID :</td><td>441009609804</td></tr> <tr><td>Option 4 ID :</td><td>441009609803</td></tr> <tr><td>Status :</td><td>Not Attempted and Marked For Review</td></tr> <tr><td>Chosen Option :</td><td>--</td></tr> </table>		Question Type :	MCQ	Question ID :	441009153658	Option 1 ID :	441009609805	Option 2 ID :	441009609802	Option 3 ID :	441009609804	Option 4 ID :	441009609803	Status :	Not Attempted and Marked For Review	Chosen Option :	--
Question Type :	MCQ																
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Option 1 ID :	441009609805																
Option 2 ID :	441009609802																
Option 3 ID :	441009609804																
Option 4 ID :	441009609803																
Status :	Not Attempted and Marked For Review																
Chosen Option :	--																

Q.1 7	The speed of a train is 144 km/hr. The distance covered by the train in 12 seconds is:																
Ans	<input checked="" type="checkbox"/> 1. 480 m <input type="checkbox"/> 2. 78 m <input type="checkbox"/> 3. 518 m <input type="checkbox"/> 4. 103 m																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153635</td></tr> <tr><td>Option 1 ID :</td><td>441009609711</td></tr> <tr><td>Option 2 ID :</td><td>441009609713</td></tr> <tr><td>Option 3 ID :</td><td>441009609712</td></tr> <tr><td>Option 4 ID :</td><td>441009609710</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 :	441009153635	Option 1 ID :	441009609711	Option 2 ID :	441009609713	Option 3 ID :	441009609712	Option 4 ID :	441009609710	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009609713																
Option 3 ID :	441009609712																
Option 4 ID :	441009609710																
Status :	Answered																
Chosen Option :	1																
Q.1 8	What is the value of 100 g in SI units?																
Ans	<input checked="" type="checkbox"/> 1. 0.1 kg <input type="checkbox"/> 2. 100 kg <input type="checkbox"/> 3. 1 kg <input type="checkbox"/> 4. 10 kg																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153562</td></tr> <tr><td>Option 1 ID :</td><td>441009609421</td></tr> <tr><td>Option 2 ID :</td><td>441009609418</td></tr> <tr><td>Option 3 ID :</td><td>441009609419</td></tr> <tr><td>Option 4 ID :</td><td>441009609420</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 :	441009153562	Option 1 ID :	441009609421	Option 2 ID :	441009609418	Option 3 ID :	441009609419	Option 4 ID :	441009609420	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009609418																
Option 3 ID :	441009609419																
Option 4 ID :	441009609420																
Status :	Answered																
Chosen Option :	1																
Q.1 9	Which of the following statements is correct?																
Ans	<input type="checkbox"/> 1. Dry air is a good conductor of heat. <input type="checkbox"/> 2. All metals are poor conductors of heat. <input type="checkbox"/> 3. Plastic and wood allow heat to pass through them easily. <input checked="" type="checkbox"/> 4. Copper and aluminium are good conductors of heat.																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154530</td></tr> <tr><td>Option 1 ID :</td><td>441009613284</td></tr> <tr><td>Option 2 ID :</td><td>441009613282</td></tr> <tr><td>Option 3 ID :</td><td>441009613283</td></tr> <tr><td>Option 4 ID :</td><td>441009613285</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 :	441009154530	Option 1 ID :	441009613284	Option 2 ID :	441009613282	Option 3 ID :	441009613283	Option 4 ID :	441009613285	Status :	Answered	Chosen Option :	4
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Option 3 ID :	441009613283																
Option 4 ID :	441009613285																
Status :	Answered																
Chosen Option :	4																

Q.2 Study the given table carefully and answer the question that follows.

0

	Number of students who	
	Appeared for the exam	Passed the exam
Class IX	104	89
Class X	63	47

What was the total number of students who failed the exam from classes IX and X?

Ans 1. 28

2. 31

3. 21

4. 33

Question Type : MCQ

Question ID : 441009155612

Option 1 ID : 441009617615

Option 2 ID : 441009617618

Option 3 ID : 441009617617

Option 4 ID : 441009617616

Status : Answered

Chosen Option : 2

Q.2 The speed of a bus is 6 metres/second. The distance (in kilometres) travelled by the bus in 8 hours and 20 minutes is:

1

Ans 1. 185

2. 184

3. 175

4. 180

Question Type : MCQ

Question ID : 441009153600

Option 1 ID : 441009609573

Option 2 ID : 441009609572

Option 3 ID : 441009609571

Option 4 ID : 441009609570

Status : Answered

Chosen Option : 4

Q.2 2	The potential energy of an object is equivalent to the _____.																
Ans	<input checked="" type="checkbox"/> 1. change in velocity <input checked="" type="checkbox"/> 2. energy lost <input checked="" type="checkbox"/> 3. change in speed <input checked="" type="checkbox"/> 4. energy transferred																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153548</td></tr> <tr><td>Option 1 ID :</td><td>441009609364</td></tr> <tr><td>Option 2 ID :</td><td>441009609365</td></tr> <tr><td>Option 3 ID :</td><td>441009609362</td></tr> <tr><td>Option 4 ID :</td><td>441009609363</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 :	441009153548	Option 1 ID :	441009609364	Option 2 ID :	441009609365	Option 3 ID :	441009609362	Option 4 ID :	441009609363	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009609365																
Option 3 ID :	441009609362																
Option 4 ID :	441009609363																
Status :	Answered																
Chosen Option :	1																

Q.2 3	What is the dimensional equation of mass density (ρ) ?																
Ans	<input checked="" type="checkbox"/> 1. $[M L^{-3} T^{-2}]$ <input checked="" type="checkbox"/> 2. $[M L^{-2} T^0]$ <input checked="" type="checkbox"/> 3. $[M L^{-3} T^0]$ <input checked="" type="checkbox"/> 4. $[M^0 L^3 T^0]$																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153568</td></tr> <tr><td>Option 1 ID :</td><td>441009609444</td></tr> <tr><td>Option 2 ID :</td><td>441009609445</td></tr> <tr><td>Option 3 ID :</td><td>441009609443</td></tr> <tr><td>Option 4 ID :</td><td>441009609442</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 :	441009153568	Option 1 ID :	441009609444	Option 2 ID :	441009609445	Option 3 ID :	441009609443	Option 4 ID :	441009609442	Status :	Answered	Chosen Option :	3
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Option 1 ID :	441009609444																
Option 2 ID :	441009609445																
Option 3 ID :	441009609443																
Option 4 ID :	441009609442																
Status :	Answered																
Chosen Option :	3																

Q.2 4	<p>Given below are two sets of numbers. Both the sets are formed using the same mathematical equations or follow a common pattern. Which of the given options follows the same set of mathematical equations or patterns as the sets given in the question?</p> <p>4 – 9 – 25 – 64 – 169; 16 – 49 – 121 – 324 – 841</p>																
Ans	<input checked="" type="checkbox"/> 1. 4 – 16 – 36 – 64 – 100 <input checked="" type="checkbox"/> 2. 16 – 36 – 64 – 100 – 144 <input checked="" type="checkbox"/> 3. 64 – 225 – 529 – 1444 – 3721 <input checked="" type="checkbox"/> 4. 64 – 100 – 144 – 196 – 256																
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Option 1 ID :	441009617619																
Option 2 ID :	441009617622																
Option 3 ID :	441009617620																
Option 4 ID :	441009617621																
Status :	Answered																
Chosen Option :	3																

<p>Q.2 5</p>	<p>If $21.6 : x :: x : 29.4$, and $x > 0$, then find the value of x.</p>																
<p>Ans</p>	<p>✓ 1. 25.2</p> <p>✗ 2. 25.4</p> <p>✗ 3. 23.3</p> <p>✗ 4. 23.9</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>441009153610</td></tr> <tr><td>Option 1 ID :</td><td>441009609610</td></tr> <tr><td>Option 2 ID :</td><td>441009609612</td></tr> <tr><td>Option 3 ID :</td><td>441009609611</td></tr> <tr><td>Option 4 ID :</td><td>441009609613</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 :	441009153610	Option 1 ID :	441009609610	Option 2 ID :	441009609612	Option 3 ID :	441009609611	Option 4 ID :	441009609613	Status :	Answered	Chosen Option :	1
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Status :	Answered																
Chosen Option :	1																
<p>Q.2 6</p>	<p>Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)</p>																
<p>Ans</p>	<p>✗ 1. UYPW</p> <p>✗ 2. QULS</p> <p>✗ 3. JNEL</p> <p>✓ 4. CGXF</p>																
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Option 2 ID :	441009617738																
Option 3 ID :	441009617736																
Option 4 ID :	441009617735																
Status :	Answered																
Chosen Option :	4																
<p>Q.2 7</p>	<p>Two trains are running in opposite directions at the same speed. The length of each train is 175 m. If they cross each other in 7 s, the speed of each train is:</p>																
<p>Ans</p>	<p>✗ 1. 75 km/hr</p> <p>✓ 2. 90 km/hr</p> <p>✗ 3. 80 km/hr</p> <p>✗ 4. 85 km/hr</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>441009160921</td></tr> <tr><td>Option 1 ID :</td><td>441009637389</td></tr> <tr><td>Option 2 ID :</td><td>441009637392</td></tr> <tr><td>Option 3 ID :</td><td>441009637390</td></tr> <tr><td>Option 4 ID :</td><td>441009637391</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 :	441009160921	Option 1 ID :	441009637389	Option 2 ID :	441009637392	Option 3 ID :	441009637390	Option 4 ID :	441009637391	Status :	Answered	Chosen Option :	2
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Option 2 ID :	441009637392																
Option 3 ID :	441009637390																
Option 4 ID :	441009637391																
Status :	Answered																
Chosen Option :	2																

Q.2 A man rides a bicycle from Point A to Point B in 10 minutes and comes back to Point B
8 along the same path in 10 minutes. If the distance between Points A and B is 1 km, calculate his average velocity?

- Ans**
- 1. 3.3 m/s
 - 2. 0 m/s
 - 3. 1.6 m/s
 - 4. 0.1 m/s

Question Type :	MCQ
Question ID :	441009153540
Option 1 ID :	441009609331
Option 2 ID :	441009609332
Option 3 ID :	441009609330
Option 4 ID :	441009609333
Status :	Answered
Chosen Option :	3

Q.2 Which term is used to describe the closeness of the measured value to the standard or
9 true value?

- Ans**
- 1. Accuracy
 - 2. Approximate
 - 3. Precision
 - 4. Mean

Question Type :	MCQ
Question ID :	441009153567
Option 1 ID :	441009609438
Option 2 ID :	441009609440
Option 3 ID :	441009609439
Option 4 ID :	441009609441
Status :	Answered
Chosen Option :	1

Q.3 Which of the following letter-clusters should replace # and % so that the pattern and
0 relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: KHM :: OLQ : %

- Ans**
- 1. # = LIN, % = NKO
 - 2. # = LIN, % = NLP
 - 3. # = LIN, % = NKP
 - 4. # = LIM, % = NKP

Question Type :	MCQ
Question ID :	441009155620
Option 1 ID :	441009617648
Option 2 ID :	441009617650
Option 3 ID :	441009617647
Option 4 ID :	441009617649
Status :	Answered
Chosen Option :	3

Q.3 1	What is the ratio of the areas of two successive format sheet sizes created by either halving along the length or doubling along the width?																
Ans	<input checked="" type="checkbox"/> 1. 4 : 1 <input checked="" type="checkbox"/> 2. 1 : 4 <input checked="" type="checkbox"/> 3. 2 : 1 <input checked="" type="checkbox"/> 4. 1 : 2																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156566</td></tr> <tr><td>Option 1 ID :</td><td>441009621430</td></tr> <tr><td>Option 2 ID :</td><td>441009621429</td></tr> <tr><td>Option 3 ID :</td><td>441009621427</td></tr> <tr><td>Option 4 ID :</td><td>441009621428</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 :	441009156566	Option 1 ID :	441009621430	Option 2 ID :	441009621429	Option 3 ID :	441009621427	Option 4 ID :	441009621428	Status :	Not Answered	Chosen Option :	--
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Q.3 2	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	<input checked="" type="checkbox"/> 1. KF – HM <input checked="" type="checkbox"/> 2. BW – YE <input checked="" type="checkbox"/> 3. QL – NT <input checked="" type="checkbox"/> 4. DY – AG																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156566</td></tr> <tr><td>Option 1 ID :</td><td>441009617752</td></tr> <tr><td>Option 2 ID :</td><td>441009617751</td></tr> <tr><td>Option 3 ID :</td><td>441009617754</td></tr> <tr><td>Option 4 ID :</td><td>441009617753</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 :	441009156566	Option 1 ID :	441009617752	Option 2 ID :	441009617751	Option 3 ID :	441009617754	Option 4 ID :	441009617753	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009617751																
Option 3 ID :	441009617754																
Option 4 ID :	441009617753																
Status :	Answered																
Chosen Option :	1																
Q.3 3	Which of the following is NOT correct?																
Ans	<input checked="" type="checkbox"/> 1. The motion of satellite around Earth in a circular orbit is uniform circular motion. <input checked="" type="checkbox"/> 2. The distance-time graph of an object moving with uniform speed is not a straight line. <input checked="" type="checkbox"/> 3. A person jogging in the park is not an example of uniform circular motion. <input checked="" type="checkbox"/> 4. An object moving with a constant velocity represents uniform motion.																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153526</td></tr> <tr><td>Option 1 ID :</td><td>441009609274</td></tr> <tr><td>Option 2 ID :</td><td>441009609275</td></tr> <tr><td>Option 3 ID :</td><td>441009609277</td></tr> <tr><td>Option 4 ID :</td><td>441009609276</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 :	441009153526	Option 1 ID :	441009609274	Option 2 ID :	441009609275	Option 3 ID :	441009609277	Option 4 ID :	441009609276	Status :	Answered	Chosen Option :	2
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Option 1 ID :	441009609274																
Option 2 ID :	441009609275																
Option 3 ID :	441009609277																
Option 4 ID :	441009609276																
Status :	Answered																
Chosen Option :	2																

Q.3 4	Which of the following options is NOT a necessary characteristic of a kite?																				
Ans	<input checked="" type="checkbox"/> 1. The diagonals are perpendicular to each other. <input checked="" type="checkbox"/> 2. At least one diagonal is bisected by the other diagonal. <input checked="" type="checkbox"/> 3. The pairs of opposite angles are bisected by the corresponding diagonals. <input checked="" type="checkbox"/> 4. At least one pair of opposite angles is congruent.																				
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153671</td></tr> <tr><td>Option 1 ID :</td><td>441009609854</td></tr> <tr><td>Option 2 ID :</td><td>441009609855</td></tr> <tr><td>Option 3 ID :</td><td>441009609856</td></tr> <tr><td>Option 4 ID :</td><td>441009609857</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 :	441009153671	Option 1 ID :	441009609854	Option 2 ID :	441009609855	Option 3 ID :	441009609856	Option 4 ID :	441009609857	Status :	Not Answered	Chosen Option :	--
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Option 3 ID :	441009609856																				
Option 4 ID :	441009609857																				
Status :	Not Answered																				
Chosen Option :	--																				
Q.3 5	If 24 joules of work is done in moving a charge of 2 coulombs across two points, then what will be the correct voltage across these two points?																				
Ans	<input checked="" type="checkbox"/> 1. 24 V <input checked="" type="checkbox"/> 2. 2 V <input checked="" type="checkbox"/> 3. 48 V <input checked="" type="checkbox"/> 4. 12 V																				
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153524</td></tr> <tr><td>Option 1 ID :</td><td>441009609268</td></tr> <tr><td>Option 2 ID :</td><td>441009609269</td></tr> <tr><td>Option 3 ID :</td><td>441009609267</td></tr> <tr><td>Option 4 ID :</td><td>441009609266</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 :	441009153524	Option 1 ID :	441009609268	Option 2 ID :	441009609269	Option 3 ID :	441009609267	Option 4 ID :	441009609266	Status :	Answered	Chosen Option :	4
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Option 3 ID :	441009609267																				
Option 4 ID :	441009609266																				
Status :	Answered																				
Chosen Option :	4																				
Q.3 6	Which is the least number that must be subtracted from 5563 to make it exactly divisible by 18?																				
Ans	<input checked="" type="checkbox"/> 1. 1 <input checked="" type="checkbox"/> 2. 3 <input checked="" type="checkbox"/> 3. 7 <input checked="" type="checkbox"/> 4. 5																				
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153661</td></tr> <tr><td>Option 1 ID :</td><td>441009609815</td></tr> <tr><td>Option 2 ID :</td><td>441009609814</td></tr> <tr><td>Option 3 ID :</td><td>441009609817</td></tr> <tr><td>Option 4 ID :</td><td>441009609816</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 :	441009153661	Option 1 ID :	441009609815	Option 2 ID :	441009609814	Option 3 ID :	441009609817	Option 4 ID :	441009609816	Status :	Answered	Chosen Option :	3
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Option 3 ID :	441009609817																				
Option 4 ID :	441009609816																				
Status :	Answered																				
Chosen Option :	3																				

Q.3 7	<p>Read the given statement and conclusions carefully. Assuming that the information given in the statement 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 statement.</p> <p>Statement: Over the past year, there has been a noticeable increase in respiratory diseases in City W. According to a public health study, this increase is related to an increase in the number of cars on the road, which has raised air pollution levels.</p> <p>Conclusions: I. Increased vehicular traffic contributes to higher levels of air pollution. II. Improving public transportation would reduce respiratory illnesses in City W.</p>																
Ans	<p><input checked="" type="checkbox"/> 1. Neither conclusion I nor II follows.</p> <p><input checked="" type="checkbox"/> 2. Both conclusions I and II follow.</p> <p><input checked="" type="checkbox"/> 3. Only conclusion II follows.</p> <p><input checked="" type="checkbox"/> 4. Only conclusion I follows.</p>																
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Option 3 ID :	441009617896																
Option 4 ID :	441009617895																
Status :	Answered																
Chosen Option :	1																
Q.3 8	<p>Which of the following is NOT a good heat conductor?</p>																
Ans	<p><input checked="" type="checkbox"/> 1. Fur</p> <p><input checked="" type="checkbox"/> 2. Iron</p> <p><input checked="" type="checkbox"/> 3. Aluminum</p> <p><input checked="" type="checkbox"/> 4. Copper</p>																
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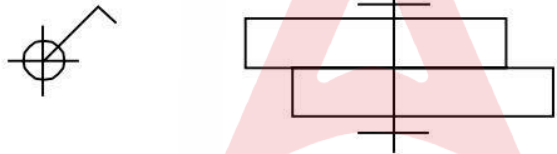
<p>Q.3 What is the primary purpose of netiquette in online communication? 9</p> <p>Ans <input type="checkbox"/> 1. To improve typing speed</p> <p><input type="checkbox"/> 2. To increase the number of followers on social media</p> <p><input checked="" type="checkbox"/> 3. To ensure polite and respectful interactions</p> <p><input type="checkbox"/> 4. To enhance internet connection speed</p>	<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156677</td></tr> <tr><td>Option 1 ID :</td><td>441009621871</td></tr> <tr><td>Option 2 ID :</td><td>441009621874</td></tr> <tr><td>Option 3 ID :</td><td>441009621872</td></tr> <tr><td>Option 4 ID :</td><td>441009621873</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 :	441009156677	Option 1 ID :	441009621871	Option 2 ID :	441009621874	Option 3 ID :	441009621872	Option 4 ID :	441009621873	Status :	Not Answered	Chosen Option :	--
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Option 2 ID :	441009621874																
Option 3 ID :	441009621872																
Option 4 ID :	441009621873																
Status :	Not Answered																
Chosen Option :	--																
<p>Q.4 If the length, the breadth, and the height of a cuboid are 5 m, 2 m, and 50 cm, respectively, then find its volume. 0</p> <p>Ans <input type="checkbox"/> 1. 20 m³</p> <p><input type="checkbox"/> 2. 50 m³</p> <p><input type="checkbox"/> 3. 500 m³</p> <p><input checked="" type="checkbox"/> 4. 5 m³</p>	<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153677</td></tr> <tr><td>Option 1 ID :</td><td>441009609880</td></tr> <tr><td>Option 2 ID :</td><td>441009609881</td></tr> <tr><td>Option 3 ID :</td><td>441009609879</td></tr> <tr><td>Option 4 ID :</td><td>441009609878</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 :	441009153677	Option 1 ID :	441009609880	Option 2 ID :	441009609881	Option 3 ID :	441009609879	Option 4 ID :	441009609878	Status :	Answered	Chosen Option :	4
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Option 3 ID :	441009609879																
Option 4 ID :	441009609878																
Status :	Answered																
Chosen Option :	4																
<p>Q.4 When reporting a fire in an emergency, what is the most critical information to provide to emergency services? 1</p> <p>Ans <input checked="" type="checkbox"/> 1. How the fire started and if someone is injured or missing</p> <p><input type="checkbox"/> 2. The weather conditions at the time of the fire</p> <p><input type="checkbox"/> 3. The colour of the smoke and the direction it is moving</p> <p><input type="checkbox"/> 4. The likely cause of the fire and the building owner's name</p>	<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156609</td></tr> <tr><td>Option 1 ID :</td><td>441009621600</td></tr> <tr><td>Option 2 ID :</td><td>441009621602</td></tr> <tr><td>Option 3 ID :</td><td>441009621599</td></tr> <tr><td>Option 4 ID :</td><td>441009621601</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 :	441009156609	Option 1 ID :	441009621600	Option 2 ID :	441009621602	Option 3 ID :	441009621599	Option 4 ID :	441009621601	Status :	Answered	Chosen Option :	3
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Status :	Answered																
Chosen Option :	3																

Q.4 E, F, G, H, P, Q, and R, are sitting around a circular table facing the centre. F sits third to the left of H. Only two people sit between H and G when counted from the right of H. Q is an immediate neighbor of G. P is NOT an immediate neighbour of H. E is an immediate neighbour of Q. Who sits second to the left of E?

- Ans
- 1. H
 - 2. G
 - 3. P
 - 4. R

Question Type :	MCQ
Question ID :	441009155671
Option 1 ID :	441009617851
Option 2 ID :	441009617853
Option 3 ID :	441009617854
Option 4 ID :	441009617852
Status :	Answered
Chosen Option :	4

Q.4 3 Examine the symbolic representation of the hole and rivet provided below. According to BIS SP 46-2003, what does this symbol represent?



- Ans
- 1. Fitted in the workshop
 - 2. Drilled in the workshop
 - 3. Drilled and fitted on-site
 - 4. Drilled on-site

Question Type :	MCQ
Question ID :	441009156557
Option 1 ID :	441009621393
Option 2 ID :	441009621391
Option 3 ID :	441009621394
Option 4 ID :	441009621392
Status :	Not Answered
Chosen Option :	--

<p>Q.4</p> <p>4</p>	<p>The weights (in kg) of 20 students of a class have been recorded as 35, 42, 56, 44, 55, 44, 36, 44, 49, 48, 55, 35, 44, 47, 49, 48, 56, 44, 37 and 35. The modal weight (in kg) of the class is:</p>																
<p>Ans</p>	<p><input type="checkbox"/> 1. 45</p> <p><input type="checkbox"/> 2. 47</p> <p><input type="checkbox"/> 3. 37</p> <p><input checked="" type="checkbox"/> 4. 44</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>441009160919</td></tr> <tr><td>Option 1 ID :</td><td>441009637384</td></tr> <tr><td>Option 2 ID :</td><td>441009637381</td></tr> <tr><td>Option 3 ID :</td><td>441009637383</td></tr> <tr><td>Option 4 ID :</td><td>441009637382</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 :	441009160919	Option 1 ID :	441009637384	Option 2 ID :	441009637381	Option 3 ID :	441009637383	Option 4 ID :	441009637382	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009160919																
Option 1 ID :	441009637384																
Option 2 ID :	441009637381																
Option 3 ID :	441009637383																
Option 4 ID :	441009637382																
Status :	Answered																
Chosen Option :	4																
<p>Q.4</p> <p>5</p>	<p>What should come in place of the question mark (?) in the given alpha-numeric series? Y13, F11, L9, Q7, U5, X3, ?</p>																
<p>Ans</p>	<p><input type="checkbox"/> 1. Z2</p> <p><input type="checkbox"/> 2. Y1</p> <p><input checked="" type="checkbox"/> 3. Z1</p> <p><input type="checkbox"/> 4. A1</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>441009155672</td></tr> <tr><td>Option 1 ID :</td><td>441009617856</td></tr> <tr><td>Option 2 ID :</td><td>441009617858</td></tr> <tr><td>Option 3 ID :</td><td>441009617855</td></tr> <tr><td>Option 4 ID :</td><td>441009617857</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 :	441009155672	Option 1 ID :	441009617856	Option 2 ID :	441009617858	Option 3 ID :	441009617855	Option 4 ID :	441009617857	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009155672																
Option 1 ID :	441009617856																
Option 2 ID :	441009617858																
Option 3 ID :	441009617855																
Option 4 ID :	441009617857																
Status :	Answered																
Chosen Option :	3																
<p>Q.4</p> <p>6</p>	<p>A can do a work in 14 hours. B can do the same work in 21 hours. A started working alone. After how many hours should B join A so that the whole work is completed in 10 hours?</p>																
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. 4</p> <p><input type="checkbox"/> 2. 4.5</p> <p><input type="checkbox"/> 3. 3.5</p> <p><input type="checkbox"/> 4. 3</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>441009153652</td></tr> <tr><td>Option 1 ID :</td><td>441009609780</td></tr> <tr><td>Option 2 ID :</td><td>441009609781</td></tr> <tr><td>Option 3 ID :</td><td>441009609779</td></tr> <tr><td>Option 4 ID :</td><td>441009609778</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 :	441009153652	Option 1 ID :	441009609780	Option 2 ID :	441009609781	Option 3 ID :	441009609779	Option 4 ID :	441009609778	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009153652																
Option 1 ID :	441009609780																
Option 2 ID :	441009609781																
Option 3 ID :	441009609779																
Option 4 ID :	441009609778																
Status :	Not Answered																
Chosen Option :	--																

<p>Q.4 7</p>	<p>What is the kinetic energy possessed by an object having mass 25 kg and moving with a uniform velocity of 2 m s^{-1}?</p>																	
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. 50 J</p> <p><input type="checkbox"/> 2. 80 J</p> <p><input type="checkbox"/> 3. 120 J</p> <p><input type="checkbox"/> 4. 100 J</p>																	
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153531</td></tr> <tr><td>Option 1 ID :</td><td>441009609295</td></tr> <tr><td>Option 2 ID :</td><td>441009609297</td></tr> <tr><td>Option 3 ID :</td><td>441009609294</td></tr> <tr><td>Option 4 ID :</td><td>441009609296</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 :	441009153531	Option 1 ID :	441009609295	Option 2 ID :	441009609297	Option 3 ID :	441009609294	Option 4 ID :	441009609296	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																	
Question ID :	441009153531																	
Option 1 ID :	441009609295																	
Option 2 ID :	441009609297																	
Option 3 ID :	441009609294																	
Option 4 ID :	441009609296																	
Status :	Answered																	
Chosen Option :	1																	
<p>Q.4 8</p>	<p>Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. GMKT</p> <p><input checked="" type="checkbox"/> 2. EKJR</p> <p><input type="checkbox"/> 3. VBZI</p> <p><input type="checkbox"/> 4. IOMV</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>441009155641</td></tr> <tr><td>Option 1 ID :</td><td>441009617734</td></tr> <tr><td>Option 2 ID :</td><td>441009617731</td></tr> <tr><td>Option 3 ID :</td><td>441009617732</td></tr> <tr><td>Option 4 ID :</td><td>441009617733</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 :	441009155641	Option 1 ID :	441009617734	Option 2 ID :	441009617731	Option 3 ID :	441009617732	Option 4 ID :	441009617733	Status :	Answered	Chosen Option :	2
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Question ID :	441009155641																	
Option 1 ID :	441009617734																	
Option 2 ID :	441009617731																	
Option 3 ID :	441009617732																	
Option 4 ID :	441009617733																	
Status :	Answered																	
Chosen Option :	2																	
<p>Q.4 9</p>	<p>The two sides CB and BA of triangle ABC are produced to CE and BD, respectively, in such a way that $\angle DAC = 110^\circ$ and $\angle ABE = 130^\circ$. Which of the following options is true?</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. $BC < AC < AB$</p> <p><input type="checkbox"/> 2. $BC < AB < AC$</p> <p><input type="checkbox"/> 3. $AB < AC < BC$</p> <p><input checked="" type="checkbox"/> 4. $AC < AB < BC$</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>441009153668</td></tr> <tr><td>Option 1 ID :</td><td>441009609842</td></tr> <tr><td>Option 2 ID :</td><td>441009609843</td></tr> <tr><td>Option 3 ID :</td><td>441009609844</td></tr> <tr><td>Option 4 ID :</td><td>441009609845</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 :	441009153668	Option 1 ID :	441009609842	Option 2 ID :	441009609843	Option 3 ID :	441009609844	Option 4 ID :	441009609845	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																	
Question ID :	441009153668																	
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Option 2 ID :	441009609843																	
Option 3 ID :	441009609844																	
Option 4 ID :	441009609845																	
Status :	Not Answered																	
Chosen Option :	--																	

<p>Q.5</p> <p>0</p>	<p>In a certain code language, 'WIDE' is coded as '8694' and 'INKS' is coded as '3917'. What is the code for 'I' in the given code language?</p>																
<p>Ans</p>	<p><input type="checkbox"/> 1. 3</p> <p><input type="checkbox"/> 2. 6</p> <p><input type="checkbox"/> 3. 7</p> <p><input checked="" type="checkbox"/> 4. 9</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>441009155623</td></tr> <tr><td>Option 1 ID :</td><td>441009617660</td></tr> <tr><td>Option 2 ID :</td><td>441009617661</td></tr> <tr><td>Option 3 ID :</td><td>441009617662</td></tr> <tr><td>Option 4 ID :</td><td>441009617659</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 :	441009155623	Option 1 ID :	441009617660	Option 2 ID :	441009617661	Option 3 ID :	441009617662	Option 4 ID :	441009617659	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009155623																
Option 1 ID :	441009617660																
Option 2 ID :	441009617661																
Option 3 ID :	441009617662																
Option 4 ID :	441009617659																
Status :	Answered																
Chosen Option :	4																
<p>Q.5</p> <p>1</p>	<p>Four chairs and a table set up cost ₹22,000. Determine the table's cost, if it is ₹2,000 more expensive than the chair.</p>																
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. ₹6,000</p> <p><input type="checkbox"/> 2. ₹5,000</p> <p><input type="checkbox"/> 3. ₹4,000</p> <p><input type="checkbox"/> 4. ₹6,500</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>441009153594</td></tr> <tr><td>Option 1 ID :</td><td>441009609548</td></tr> <tr><td>Option 2 ID :</td><td>441009609547</td></tr> <tr><td>Option 3 ID :</td><td>441009609546</td></tr> <tr><td>Option 4 ID :</td><td>441009609549</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 :	441009153594	Option 1 ID :	441009609548	Option 2 ID :	441009609547	Option 3 ID :	441009609546	Option 4 ID :	441009609549	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009153594																
Option 1 ID :	441009609548																
Option 2 ID :	441009609547																
Option 3 ID :	441009609546																
Option 4 ID :	441009609549																
Status :	Answered																
Chosen Option :	1																
<p>Q.5</p> <p>2</p>	<p>Which element is used in thermometers?</p>																
<p>Ans</p>	<p><input type="checkbox"/> 1. Gallium</p> <p><input checked="" type="checkbox"/> 2. Mercury</p> <p><input type="checkbox"/> 3. Lead</p> <p><input type="checkbox"/> 4. Bromine</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>441009160728</td></tr> <tr><td>Option 1 ID :</td><td>441009636700</td></tr> <tr><td>Option 2 ID :</td><td>441009636699</td></tr> <tr><td>Option 3 ID :</td><td>441009636697</td></tr> <tr><td>Option 4 ID :</td><td>441009636698</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 :	441009160728	Option 1 ID :	441009636700	Option 2 ID :	441009636699	Option 3 ID :	441009636697	Option 4 ID :	441009636698	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009160728																
Option 1 ID :	441009636700																
Option 2 ID :	441009636699																
Option 3 ID :	441009636697																
Option 4 ID :	441009636698																
Status :	Answered																
Chosen Option :	2																

Q.5 Select the pair which follows the same pattern as that followed by the two sets of pairs given below. Both pairs follow the same pattern.

ARF : YTH
WVJ : UXL

- Ans**
- 1. QEB : NBD
 - 2. KXF : HZH
 - 3. SZN : QBP
 - 4. MEL : HZN

Question Type : **MCQ**

Question ID : **441009155651**

Option 1 ID : **441009617772**

Option 2 ID : **441009617773**

Option 3 ID : **441009617774**

Option 4 ID : **441009617771**

Status : **Answered**

Chosen Option : **3**

Q.5 Under which Section of the Factories Act, of 1948, is the employment of women and children near cotton openers prohibited?

- Ans**
- 1. Section 29
 - 2. Section 27
 - 3. Section 21
 - 4. Section 25

Question Type : **MCQ**

Question ID : **441009156605**

Option 1 ID : **441009621586**

Option 2 ID : **441009621584**

Option 3 ID : **441009621583**

Option 4 ID : **441009621585**

Status : **Not Answered**

Chosen Option : **--**

Q.5	Which of the following is NOT correct about Joule's law of heating?																	
5																		
Ans	<p><input checked="" type="checkbox"/> 1. Heat produced in a resistor is directly proportional to the time for which the current flows through the resistor.</p> <p><input checked="" type="checkbox"/> 2. Heat produced in a resistor is directly proportional to the resistance for a given current.</p> <p><input checked="" type="checkbox"/> 3. Heat produced in a resistor is directly proportional to the square of the current for a given resistance.</p> <p><input checked="" type="checkbox"/> 4. Heat produced in a resistor is inversely proportional to the square of the current for a given resistance.</p>																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153516</td></tr> <tr><td>Option 1 ID :</td><td>441009609237</td></tr> <tr><td>Option 2 ID :</td><td>441009609235</td></tr> <tr><td>Option 3 ID :</td><td>441009609234</td></tr> <tr><td>Option 4 ID :</td><td>441009609236</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 :	441009153516	Option 1 ID :	441009609237	Option 2 ID :	441009609235	Option 3 ID :	441009609234	Option 4 ID :	441009609236	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009153516																	
Option 1 ID :	441009609237																	
Option 2 ID :	441009609235																	
Option 3 ID :	441009609234																	
Option 4 ID :	441009609236																	
Status :	Answered																	
Chosen Option :	4																	
Q.5	Which of the following is a main greenhouse gas that is responsible for global warming?																	
6																		
Ans	<p><input checked="" type="checkbox"/> 1. Carbon Dioxide</p> <p><input checked="" type="checkbox"/> 2. Oxygen</p> <p><input checked="" type="checkbox"/> 3. Helium</p> <p><input checked="" type="checkbox"/> 4. Nitrogen</p>																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009158546</td></tr> <tr><td>Option 1 ID :</td><td>441009629119</td></tr> <tr><td>Option 2 ID :</td><td>441009629122</td></tr> <tr><td>Option 3 ID :</td><td>441009629121</td></tr> <tr><td>Option 4 ID :</td><td>441009629120</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 :	441009158546	Option 1 ID :	441009629119	Option 2 ID :	441009629122	Option 3 ID :	441009629121	Option 4 ID :	441009629120	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																	
Question ID :	441009158546																	
Option 1 ID :	441009629119																	
Option 2 ID :	441009629122																	
Option 3 ID :	441009629121																	
Option 4 ID :	441009629120																	
Status :	Answered																	
Chosen Option :	1																	

Q.5	What is the first step to take in case of a power failure in a workshop?																
7																	
Ans	<input checked="" type="checkbox"/> 1. Check if emergency lighting and backup power are functional <input type="checkbox"/> 2. Panic and leave the premises immediately <input type="checkbox"/> 3. Continue working as usual <input type="checkbox"/> 4. Ignore the situation and wait for power to return																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156587</td></tr> <tr><td>Option 1 ID :</td><td>441009621514</td></tr> <tr><td>Option 2 ID :</td><td>441009621511</td></tr> <tr><td>Option 3 ID :</td><td>441009621513</td></tr> <tr><td>Option 4 ID :</td><td>441009621512</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 :	441009156587	Option 1 ID :	441009621514	Option 2 ID :	441009621511	Option 3 ID :	441009621513	Option 4 ID :	441009621512	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009156587																
Option 1 ID :	441009621514																
Option 2 ID :	441009621511																
Option 3 ID :	441009621513																
Option 4 ID :	441009621512																
Status :	Answered																
Chosen Option :	1																
Q.5	What should come in place of the question mark (?) in the given series?																
8	179 171 163 ? 147 139																
Ans	<input checked="" type="checkbox"/> 1. 155 <input type="checkbox"/> 2. 157 <input type="checkbox"/> 3. 151 <input type="checkbox"/> 4. 153																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155601</td></tr> <tr><td>Option 1 ID :</td><td>441009617573</td></tr> <tr><td>Option 2 ID :</td><td>441009617574</td></tr> <tr><td>Option 3 ID :</td><td>441009617571</td></tr> <tr><td>Option 4 ID :</td><td>441009617572</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 :	441009155601	Option 1 ID :	441009617573	Option 2 ID :	441009617574	Option 3 ID :	441009617571	Option 4 ID :	441009617572	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009155601																
Option 1 ID :	441009617573																
Option 2 ID :	441009617574																
Option 3 ID :	441009617571																
Option 4 ID :	441009617572																
Status :	Answered																
Chosen Option :	1																
Q.5	Which of the following is an ethical concern related to Information Technology?																
9																	
Ans	<input type="checkbox"/> 1. Enhancement of communication channels <input type="checkbox"/> 2. Reduction in administrative costs <input type="checkbox"/> 3. Increased accessibility to educational resources <input checked="" type="checkbox"/> 4. Privacy violations and data breaches																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156685</td></tr> <tr><td>Option 1 ID :</td><td>441009621906</td></tr> <tr><td>Option 2 ID :</td><td>441009621905</td></tr> <tr><td>Option 3 ID :</td><td>441009621903</td></tr> <tr><td>Option 4 ID :</td><td>441009621904</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 :	441009156685	Option 1 ID :	441009621906	Option 2 ID :	441009621905	Option 3 ID :	441009621903	Option 4 ID :	441009621904	Status :	Answered	Chosen Option :	4
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Option 1 ID :	441009621906																
Option 2 ID :	441009621905																
Option 3 ID :	441009621903																
Option 4 ID :	441009621904																
Status :	Answered																
Chosen Option :	4																

Q.6 0	In order to resolve disputes arising from cyber crime, such as tampering with computer source documents, hacking the computer system, using password of another person and publishing sensitive personal data of others without their consent, a forum has been established by the Central Government (India) in accordance with the provisions contained under Section 48(1) of the Information Technology Act, 2000. What is the name of that forum?																
Ans	<div style="display: flex; flex-direction: column; gap: 5px;"> <div><input type="checkbox"/> 1. Cybercrime Reporting Tribunal</div> <div><input checked="" type="checkbox"/> 2. Cyber Appellate Tribunal</div> <div><input type="checkbox"/> 3. National Cybercrime Reporting Station</div> <div><input type="checkbox"/> 4. Internet Crime Complaint Center</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>441009156682</td></tr> <tr><td>Option 1 ID :</td><td>441009621893</td></tr> <tr><td>Option 2 ID :</td><td>441009621891</td></tr> <tr><td>Option 3 ID :</td><td>441009621892</td></tr> <tr><td>Option 4 ID :</td><td>441009621894</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 :	441009156682	Option 1 ID :	441009621893	Option 2 ID :	441009621891	Option 3 ID :	441009621892	Option 4 ID :	441009621894	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009156682																
Option 1 ID :	441009621893																
Option 2 ID :	441009621891																
Option 3 ID :	441009621892																
Option 4 ID :	441009621894																
Status :	Not Answered																
Chosen Option :	--																
Q.6 1	If $x + y + z = 0$, then find the value of $\frac{x^2}{2yz} + \frac{y^2}{2xz} + \frac{z^2}{2xy}$.																
Ans	<div style="display: flex; flex-direction: column; gap: 5px;"> <div><input type="checkbox"/> 1. $\frac{2}{5}$</div> <div><input type="checkbox"/> 2. $\frac{2}{3}$</div> <div><input type="checkbox"/> 3. $\frac{3}{5}$</div> <div><input checked="" type="checkbox"/> 4. $\frac{3}{2}$</div> </div>																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153590</td></tr> <tr><td>Option 1 ID :</td><td>441009609532</td></tr> <tr><td>Option 2 ID :</td><td>441009609531</td></tr> <tr><td>Option 3 ID :</td><td>441009609533</td></tr> <tr><td>Option 4 ID :</td><td>441009609530</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 :	441009153590	Option 1 ID :	441009609532	Option 2 ID :	441009609531	Option 3 ID :	441009609533	Option 4 ID :	441009609530	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009153590																
Option 1 ID :	441009609532																
Option 2 ID :	441009609531																
Option 3 ID :	441009609533																
Option 4 ID :	441009609530																
Status :	Not Answered																
Chosen Option :	--																

Q.6 What type of view is represented of the given machine component?
2

The diagram shows a front view of a cylindrical component. The diameter of the cylinder is indicated as 15. The total length of the cylinder is 35. There are two circular holes, each with a diameter of 8. The holes are positioned symmetrically along the length of the cylinder. Dashed lines represent the hidden back edges of the cylinder and the holes.

Ans 1. Orthographic view
 2. Perspective view
 3. Isometric view
 4. Oblique view

Question Type :	MCQ
Question ID :	441009156560
Option 1 ID :	441009621404
Option 2 ID :	441009621406
Option 3 ID :	441009621403
Option 4 ID :	441009621405
Status :	Answered
Chosen Option :	1

Q.6 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

- I. All books are pencils.
- II. All pencils are cardboards.
- III. All cardboards are notebooks.

Conclusions:

- I. Some notebooks are pencils.
- II. Some cardboards are books.
- III. Some notebooks are books.

- Ans**
- 1. Only conclusions II and III follow.
 - 2. Only conclusions I and III follow.
 - 3. Only conclusions I and II follow.
 - 4. All conclusions I, II and III follow.

Question Type : **MCQ**

Question ID : **441009155680**

Option 1 ID : **441009617889**

Option 2 ID : **441009617888**

Option 3 ID : **441009617887**

Option 4 ID : **441009617890**

Status : **Answered**

Chosen Option : **4**

Q.6 Among three partners A, B and C in a business. The capital of B is equal to half the difference between thrice the capital of C and twice the capital of A. If at the end of the year, they received a profit of ₹25,415, what is the share of C (in ₹)?

- Ans**
- 1. 9,166
 - 2. 10,166
 - 3. 8,666
 - 4. 11,666

Question Type : **MCQ**

Question ID : **441009153602**

Option 1 ID : **441009609579**

Option 2 ID : **441009609578**

Option 3 ID : **441009609580**

Option 4 ID : **441009609581**

Status : **Not Answered**

Chosen Option : **--**

<p>Q.6 What should come in place of the question mark (?) in the given series? 5 WU5, SQ7, NL11, ?</p> <p>Ans <input checked="" type="checkbox"/> 1. HF17 <input checked="" type="checkbox"/> 2. HF13 <input checked="" type="checkbox"/> 3. HE15 <input checked="" type="checkbox"/> 4. GE17</p>	<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155679</td></tr> <tr><td>Option 1 ID :</td><td>441009617886</td></tr> <tr><td>Option 2 ID :</td><td>441009617884</td></tr> <tr><td>Option 3 ID :</td><td>441009617885</td></tr> <tr><td>Option 4 ID :</td><td>441009617883</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 :	441009155679	Option 1 ID :	441009617886	Option 2 ID :	441009617884	Option 3 ID :	441009617885	Option 4 ID :	441009617883	Status :	Answered	Chosen Option :	1
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Question ID :	441009155679																
Option 1 ID :	441009617886																
Option 2 ID :	441009617884																
Option 3 ID :	441009617885																
Option 4 ID :	441009617883																
Status :	Answered																
Chosen Option :	1																
<p>Q.6 What should come in place of the question mark (?) in the given series? 6 62 73 87 104 124 ?</p> <p>Ans <input checked="" type="checkbox"/> 1. 142 <input checked="" type="checkbox"/> 2. 153 <input checked="" type="checkbox"/> 3. 134 <input checked="" type="checkbox"/> 4. 147</p>	<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155602</td></tr> <tr><td>Option 1 ID :</td><td>441009617575</td></tr> <tr><td>Option 2 ID :</td><td>441009617578</td></tr> <tr><td>Option 3 ID :</td><td>441009617577</td></tr> <tr><td>Option 4 ID :</td><td>441009617576</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 :	441009155602	Option 1 ID :	441009617575	Option 2 ID :	441009617578	Option 3 ID :	441009617577	Option 4 ID :	441009617576	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009155602																
Option 1 ID :	441009617575																
Option 2 ID :	441009617578																
Option 3 ID :	441009617577																
Option 4 ID :	441009617576																
Status :	Answered																
Chosen Option :	4																
<p>Q.6 Which of the following tools is commonly used to support the 'Standardize' step in the 5S methodology? 7</p> <p>Ans <input checked="" type="checkbox"/> 1. Labels and signs <input checked="" type="checkbox"/> 2. Floor markings <input checked="" type="checkbox"/> 3. Cleaning supplies <input checked="" type="checkbox"/> 4. Job cycle charts</p>	<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156602</td></tr> <tr><td>Option 1 ID :</td><td>441009621574</td></tr> <tr><td>Option 2 ID :</td><td>441009621572</td></tr> <tr><td>Option 3 ID :</td><td>441009621571</td></tr> <tr><td>Option 4 ID :</td><td>441009621573</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 :	441009156602	Option 1 ID :	441009621574	Option 2 ID :	441009621572	Option 3 ID :	441009621571	Option 4 ID :	441009621573	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009156602																
Option 1 ID :	441009621574																
Option 2 ID :	441009621572																
Option 3 ID :	441009621571																
Option 4 ID :	441009621573																
Status :	Not Answered																
Chosen Option :	--																

Q.6 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor is numbered 6. E lives on an even-numbered floor but not 4. The sum of floors on which E and B live is 9. Only three people live between A and C. The sum of floors on which F and C live is 3. What is the sum of floors on which B and F live?

- Ans**
- 1. 6
 - 2. 5
 - 3. 4
 - 4. 7

Question Type :	MCQ
Question ID :	441009155659
Option 1 ID :	441009617805
Option 2 ID :	441009617804
Option 3 ID :	441009617803
Option 4 ID :	441009617806
Status :	Answered
Chosen Option :	3

Q.6 Three partners, A, B and C, shared the profit in a business in the proportion of 11 : 13 : 16. They invested their capitals for 7 months, 5 months and 12 months, respectively. What was the ratio of their capitals?

- Ans**
- 1. 165 : 273 : 140
 - 2. 96 : 135 : 101
 - 3. 21 : 35 : 44
 - 4. 3 : 5 : 8

Question Type :	MCQ
Question ID :	441009157422
Option 1 ID :	441009624858
Option 2 ID :	441009624857
Option 3 ID :	441009624856
Option 4 ID :	441009624855
Status :	Answered
Chosen Option :	1

Q.7 Why does a combination of two thin blankets keep you warmer in the winter than a single thick blanket?

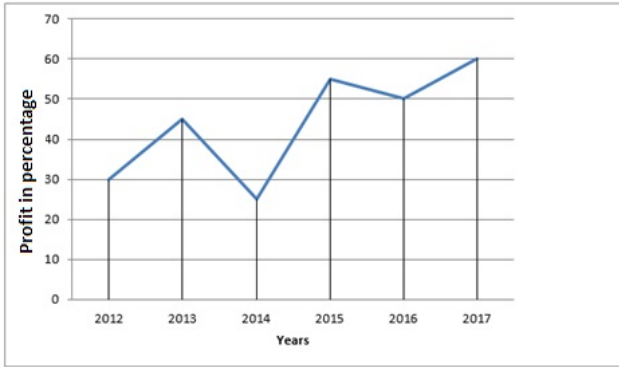
- Ans**
- 1. Two thin blankets allow more heat to escape, keeping you warmer.
 - 2. Two blankets create an additional insulating layer of air, reducing heat loss.
 - 3. Two thin blankets absorb more heat from the surroundings than one thick blanket.
 - 4. Two thin blankets generate more heat than one thick blanket.

Question Type :	MCQ
Question ID :	441009154528
Option 1 ID :	441009613276
Option 2 ID :	441009613275
Option 3 ID :	441009613277
Option 4 ID :	441009613274
Status :	Answered
Chosen Option :	2

<p>Q.7 1</p>	<p>The interest of $(10r)^2$ in r time at rate $\frac{r}{10}$ % is _____.</p>																
<p>Ans</p>	<p><input type="checkbox"/> 1. $\frac{r^4}{5}$</p> <p><input type="checkbox"/> 2. $10r^4$</p> <p><input type="checkbox"/> 3. $\frac{r^4}{20}$</p> <p><input checked="" type="checkbox"/> 4. $\frac{r^4}{10}$</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>441009153647</td></tr> <tr><td>Option 1 ID :</td><td>441009609759</td></tr> <tr><td>Option 2 ID :</td><td>441009609761</td></tr> <tr><td>Option 3 ID :</td><td>441009609760</td></tr> <tr><td>Option 4 ID :</td><td>441009609758</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 :	441009153647	Option 1 ID :	441009609759	Option 2 ID :	441009609761	Option 3 ID :	441009609760	Option 4 ID :	441009609758	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009153647																
Option 1 ID :	441009609759																
Option 2 ID :	441009609761																
Option 3 ID :	441009609760																
Option 4 ID :	441009609758																
Status :	Answered																
Chosen Option :	4																
<p>Q.7 2</p>	<p>In a certain code language, 'GOES' is coded as '8624' and 'SNYC' is coded as '3817'. What is the code for 'S' in the given code language?</p>																
<p>Ans</p>	<p><input type="checkbox"/> 1. 2</p> <p><input checked="" type="checkbox"/> 2. 8</p> <p><input type="checkbox"/> 3. 3</p> <p><input type="checkbox"/> 4. 4</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>441009155625</td></tr> <tr><td>Option 1 ID :</td><td>441009617668</td></tr> <tr><td>Option 2 ID :</td><td>441009617667</td></tr> <tr><td>Option 3 ID :</td><td>441009617669</td></tr> <tr><td>Option 4 ID :</td><td>441009617670</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 :	441009155625	Option 1 ID :	441009617668	Option 2 ID :	441009617667	Option 3 ID :	441009617669	Option 4 ID :	441009617670	Status :	Answered	Chosen Option :	2
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Question ID :	441009155625																
Option 1 ID :	441009617668																
Option 2 ID :	441009617667																
Option 3 ID :	441009617669																
Option 4 ID :	441009617670																
Status :	Answered																
Chosen Option :	2																
<p>Q.7 3</p>	<p>A person saves 50% of his income. If his expenditure is ₹440, then his income (in ₹) is:</p>																
<p>Ans</p>	<p><input type="checkbox"/> 1. 600</p> <p><input checked="" type="checkbox"/> 2. 880</p> <p><input type="checkbox"/> 3. 920</p> <p><input type="checkbox"/> 4. 560</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>441009160917</td></tr> <tr><td>Option 1 ID :</td><td>441009637374</td></tr> <tr><td>Option 2 ID :</td><td>441009637373</td></tr> <tr><td>Option 3 ID :</td><td>441009637376</td></tr> <tr><td>Option 4 ID :</td><td>441009637375</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 :	441009160917	Option 1 ID :	441009637374	Option 2 ID :	441009637373	Option 3 ID :	441009637376	Option 4 ID :	441009637375	Status :	Answered	Chosen Option :	2
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Option 1 ID :	441009637374																
Option 2 ID :	441009637373																
Option 3 ID :	441009637376																
Option 4 ID :	441009637375																
Status :	Answered																
Chosen Option :	2																

Q.7	What is the SI unit for solid angle?																	
4																		
Ans	<input checked="" type="checkbox"/> 1. Metre <input checked="" type="checkbox"/> 2. Radian <input checked="" type="checkbox"/> 3. Candela <input checked="" type="checkbox"/> 4. Steradian																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153569</td></tr> <tr><td>Option 1 ID :</td><td>441009609449</td></tr> <tr><td>Option 2 ID :</td><td>441009609446</td></tr> <tr><td>Option 3 ID :</td><td>441009609447</td></tr> <tr><td>Option 4 ID :</td><td>441009609448</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 :	441009153569	Option 1 ID :	441009609449	Option 2 ID :	441009609446	Option 3 ID :	441009609447	Option 4 ID :	441009609448	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009153569																	
Option 1 ID :	441009609449																	
Option 2 ID :	441009609446																	
Option 3 ID :	441009609447																	
Option 4 ID :	441009609448																	
Status :	Answered																	
Chosen Option :	4																	
Q.7	Which of the following statements is INCORRECT?																	
5																		
Ans	<input checked="" type="checkbox"/> 1. Conduction is the process of heat transfer that does not require any medium to transfer heat. <input checked="" type="checkbox"/> 2. Conduction is the process of heat transfer from hotter body to colder body. <input checked="" type="checkbox"/> 3. In solids, heat transfer is typically carried out through conduction. <input checked="" type="checkbox"/> 4. Burning of feet on hot sand is an example of heat transfer by conduction.																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160723</td></tr> <tr><td>Option 1 ID :</td><td>441009636678</td></tr> <tr><td>Option 2 ID :</td><td>441009636677</td></tr> <tr><td>Option 3 ID :</td><td>441009636679</td></tr> <tr><td>Option 4 ID :</td><td>441009636680</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 :	441009160723	Option 1 ID :	441009636678	Option 2 ID :	441009636677	Option 3 ID :	441009636679	Option 4 ID :	441009636680	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																	
Question ID :	441009160723																	
Option 1 ID :	441009636678																	
Option 2 ID :	441009636677																	
Option 3 ID :	441009636679																	
Option 4 ID :	441009636680																	
Status :	Answered																	
Chosen Option :	1																	
Q.7	A force of 6 N is exerted on an object, resulting in its displacement of 2 m in the direction of the force. If the force is constant during the displacement, what is the work done in this case?																	
6																		
Ans	<input checked="" type="checkbox"/> 1. 10 J <input checked="" type="checkbox"/> 2. 3 J <input checked="" type="checkbox"/> 3. 25 J <input checked="" type="checkbox"/> 4. 12 J																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153532</td></tr> <tr><td>Option 1 ID :</td><td>441009609301</td></tr> <tr><td>Option 2 ID :</td><td>441009609299</td></tr> <tr><td>Option 3 ID :</td><td>441009609300</td></tr> <tr><td>Option 4 ID :</td><td>441009609298</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 :	441009153532	Option 1 ID :	441009609301	Option 2 ID :	441009609299	Option 3 ID :	441009609300	Option 4 ID :	441009609298	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009153532																	
Option 1 ID :	441009609301																	
Option 2 ID :	441009609299																	
Option 3 ID :	441009609300																	
Option 4 ID :	441009609298																	
Status :	Answered																	
Chosen Option :	4																	

Q.7 Study the given graph and answer the question that follows.
7

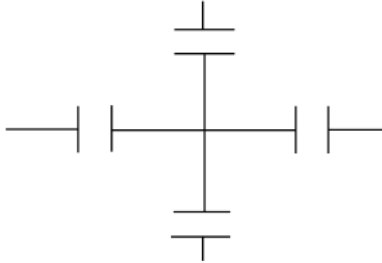


What is the average profit percentage of the given years?

- Ans
- 1. 45%
 - 2. 44%
 - 3. 43.4%
 - 4. 44.1%

Question Type :	MCQ
Question ID :	441009155610
Option 1 ID :	441009617609
Option 2 ID :	441009617607
Option 3 ID :	441009617610
Option 4 ID :	441009617608
Status :	Answered
Chosen Option :	4

Q.7
8 Identify the orthographic symbol of a pipe fitting shown in the figure.



- Ans
- 1. Bend
 - 2. Tee
 - 3. Cross
 - 4. Union

Question Type : MCQ

Question ID : 441009156555

Option 1 ID : 441009621385

Option 2 ID : 441009621383

Option 3 ID : 441009621384

Option 4 ID : 441009621386

Status : Answered

Chosen Option : 3

Q.7
9 In a certain code language, 'BOAT' is coded as '8654' and 'AIDS' is coded as '3517'.
What is the code for 'A' in the given code language?

- Ans
- 1. 8
 - 2. 6
 - 3. 3
 - 4. 5

Question Type : MCQ

Question ID : 441009155626

Option 1 ID : 441009617674

Option 2 ID : 441009617673

Option 3 ID : 441009617672

Option 4 ID : 441009617671

Status : Answered

Chosen Option : 4

<p>Q.8 0</p>	<p>The cost of painting a spherical ball at the rate of ₹2.50 per cm² is ₹13,860. What is the diameter of the ball (use $\pi = \frac{22}{7}$)?</p>
<p>Ans</p>	<p><input type="checkbox"/> 1. 40 cm</p> <p><input type="checkbox"/> 2. 48 cm</p> <p><input checked="" type="checkbox"/> 3. 42 cm</p> <p><input type="checkbox"/> 4. 21 cm</p>

Question Type :	MCQ
Question ID :	441009153675
Option 1 ID :	441009609871
Option 2 ID :	441009609872
Option 3 ID :	441009609873
Option 4 ID :	441009609870
Status :	Answered
Chosen Option :	3

<p>Q.8 1</p>	<p>T-Square is used to _____ in engineering drawings.</p>
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. draw horizontal lines, parallel lines and to guide/hold the setsquares</p> <p><input type="checkbox"/> 2. draw curved lines on drawing sheets</p> <p><input type="checkbox"/> 3. support the drawing paper/tracing paper for making drawings</p> <p><input type="checkbox"/> 4. transfer dimensions and dividing lines into a number of equal parts</p>

Question Type :	MCQ
Question ID :	441009156552
Option 1 ID :	441009621374
Option 2 ID :	441009621371
Option 3 ID :	441009621372
Option 4 ID :	441009621373
Status :	Answered
Chosen Option :	1

Q.8 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?

(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.)

988 – 494 – 444 – 534; 894 – 447 – 397 – 487

Ans ✓ 1. 682 – 341 – 291 – 381
 ✗ 2. 138 – 69 – 14 – 98
 ✗ 3. 226 – 113 – 144 – 268
 ✗ 4. 586 – 293 – 244 – 328

Question Type :	MCQ
Question ID :	441009155595
Option 1 ID :	441009617550
Option 2 ID :	441009617548
Option 3 ID :	441009617547
Option 4 ID :	441009617549
Status :	Answered
Chosen Option :	1

Q.8 A shopkeeper allows a discount of 18% on the marked price of an article and sells it for ₹2,870. Find the marked price of the article.

Ans ✓ 1. ₹3,500
 ✗ 2. ₹3,200
 ✗ 3. ₹3,350
 ✗ 4. ₹3,460

Question Type :	MCQ
Question ID :	441009157411
Option 1 ID :	441009624814
Option 2 ID :	441009624811
Option 3 ID :	441009624812
Option 4 ID :	441009624813
Status :	Answered
Chosen Option :	1

Q.8 4	The thickness of a thread is measured by a student using a microscope of magnification 100. After making 30 observations, he finds the average width of the thread is 5.7 mm. What is the estimated thickness of the thread?																
Ans	<input checked="" type="checkbox"/> 1. 0.09 mm <input checked="" type="checkbox"/> 2. 171 mm <input checked="" type="checkbox"/> 3. 0.57 mm <input checked="" type="checkbox"/> 4. 0.057 mm																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153565</td></tr> <tr><td>Option 1 ID :</td><td>441009609430</td></tr> <tr><td>Option 2 ID :</td><td>441009609432</td></tr> <tr><td>Option 3 ID :</td><td>441009609433</td></tr> <tr><td>Option 4 ID :</td><td>441009609431</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 :	441009153565	Option 1 ID :	441009609430	Option 2 ID :	441009609432	Option 3 ID :	441009609433	Option 4 ID :	441009609431	Status :	Answered	Chosen Option :	4
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Option 1 ID :	441009609430																
Option 2 ID :	441009609432																
Option 3 ID :	441009609433																
Option 4 ID :	441009609431																
Status :	Answered																
Chosen Option :	4																
Q.8 5	Which of the following actions involves scientific work?																
Ans	<input checked="" type="checkbox"/> 1. Climbing up the stairs <input checked="" type="checkbox"/> 2. Spending time conversing with friends <input checked="" type="checkbox"/> 3. Watching a film <input checked="" type="checkbox"/> 4. Holding a large load on one's head while standing motionless																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153533</td></tr> <tr><td>Option 1 ID :</td><td>441009609304</td></tr> <tr><td>Option 2 ID :</td><td>441009609303</td></tr> <tr><td>Option 3 ID :</td><td>441009609305</td></tr> <tr><td>Option 4 ID :</td><td>441009609302</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 :	441009153533	Option 1 ID :	441009609304	Option 2 ID :	441009609303	Option 3 ID :	441009609305	Option 4 ID :	441009609302	Status :	Answered	Chosen Option :	1
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Question ID :	441009153533																
Option 1 ID :	441009609304																
Option 2 ID :	441009609303																
Option 3 ID :	441009609305																
Option 4 ID :	441009609302																
Status :	Answered																
Chosen Option :	1																
Q.8 6	A porter lifts a 10 kg luggage from the ground and places it on his head, 2.5 m above the ground. Calculate the work done by him on the luggage. (Take $g = 10 \text{ ms}^{-2}$.)																
Ans	<input checked="" type="checkbox"/> 1. 250 J <input checked="" type="checkbox"/> 2. 100 J <input checked="" type="checkbox"/> 3. 200 J <input checked="" type="checkbox"/> 4. 250 N																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153512</td></tr> <tr><td>Option 1 ID :</td><td>441009609218</td></tr> <tr><td>Option 2 ID :</td><td>441009609219</td></tr> <tr><td>Option 3 ID :</td><td>441009609220</td></tr> <tr><td>Option 4 ID :</td><td>441009609221</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 :	441009153512	Option 1 ID :	441009609218	Option 2 ID :	441009609219	Option 3 ID :	441009609220	Option 4 ID :	441009609221	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009153512																
Option 1 ID :	441009609218																
Option 2 ID :	441009609219																
Option 3 ID :	441009609220																
Option 4 ID :	441009609221																
Status :	Answered																
Chosen Option :	1																

<p>Q.8 7</p>	<p>ABC Association meeting is to be held on the 2nd Sunday of next month. The cost of the registration is ₹50 per person. Lunch will be provided to the participants at an additional cost of ₹24. If the number of participants who paid for lunch was 100 more than the members who did not, and if the total receipts for registrations and lunch is ₹69,400, how many people registered and how many lunches are to be prepared, respectively?</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. 1100 and 500</p> <p><input type="checkbox"/> 2. 500 and 600</p> <p><input checked="" type="checkbox"/> 3. 1100 and 600</p> <p><input type="checkbox"/> 4. 1100 and 1100</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>441009153593</td></tr> <tr><td>Option 1 ID :</td><td>441009609544</td></tr> <tr><td>Option 2 ID :</td><td>441009609543</td></tr> <tr><td>Option 3 ID :</td><td>441009609542</td></tr> <tr><td>Option 4 ID :</td><td>441009609545</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 :	441009153593	Option 1 ID :	441009609544	Option 2 ID :	441009609543	Option 3 ID :	441009609542	Option 4 ID :	441009609545	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																	
Question ID :	441009153593																	
Option 1 ID :	441009609544																	
Option 2 ID :	441009609543																	
Option 3 ID :	441009609542																	
Option 4 ID :	441009609545																	
Status :	Not Answered																	
Chosen Option :	--																	
<p>Q.8 8</p>	<p>Which of the following is NOT an SI unit?</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. Metre</p> <p><input checked="" type="checkbox"/> 2. Hour</p> <p><input type="checkbox"/> 3. Mole</p> <p><input type="checkbox"/> 4. Kilogram</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>441009153564</td></tr> <tr><td>Option 1 ID :</td><td>441009609427</td></tr> <tr><td>Option 2 ID :</td><td>441009609429</td></tr> <tr><td>Option 3 ID :</td><td>441009609426</td></tr> <tr><td>Option 4 ID :</td><td>441009609428</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 :	441009153564	Option 1 ID :	441009609427	Option 2 ID :	441009609429	Option 3 ID :	441009609426	Option 4 ID :	441009609428	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																	
Question ID :	441009153564																	
Option 1 ID :	441009609427																	
Option 2 ID :	441009609429																	
Option 3 ID :	441009609426																	
Option 4 ID :	441009609428																	
Status :	Answered																	
Chosen Option :	2																	
<p>Q.8 9</p>	<p>Calculate the resistance of the bulb filament if it draws 200 mA current from 220 V source.</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. 0 Ω</p> <p><input checked="" type="checkbox"/> 2. 1100 Ω</p> <p><input type="checkbox"/> 3. 44 Ω</p> <p><input type="checkbox"/> 4. 220 Ω</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>441009153521</td></tr> <tr><td>Option 1 ID :</td><td>441009609257</td></tr> <tr><td>Option 2 ID :</td><td>441009609254</td></tr> <tr><td>Option 3 ID :</td><td>441009609255</td></tr> <tr><td>Option 4 ID :</td><td>441009609256</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 :	441009153521	Option 1 ID :	441009609257	Option 2 ID :	441009609254	Option 3 ID :	441009609255	Option 4 ID :	441009609256	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																	
Question ID :	441009153521																	
Option 1 ID :	441009609257																	
Option 2 ID :	441009609254																	
Option 3 ID :	441009609255																	
Option 4 ID :	441009609256																	
Status :	Answered																	
Chosen Option :	2																	

<p>Q.9 0</p>	<p>By how much is 60% of 50 greater than $\frac{4}{5}$ of 35?</p>																	
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. 2</p> <p><input type="checkbox"/> 2. 4</p> <p><input type="checkbox"/> 3. 3</p> <p><input type="checkbox"/> 4. 1</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>441009153629</td></tr> <tr><td>Option 1 ID :</td><td>441009609686</td></tr> <tr><td>Option 2 ID :</td><td>441009609688</td></tr> <tr><td>Option 3 ID :</td><td>441009609689</td></tr> <tr><td>Option 4 ID :</td><td>441009609687</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 :	441009153629	Option 1 ID :	441009609686	Option 2 ID :	441009609688	Option 3 ID :	441009609689	Option 4 ID :	441009609687	Status :	Answered	Chosen Option :	1
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Option 1 ID :	441009609686																	
Option 2 ID :	441009609688																	
Option 3 ID :	441009609689																	
Option 4 ID :	441009609687																	
Status :	Answered																	
Chosen Option :	1																	
<p>Q.9 1</p>	<p>Which of the following features is unique to Telegram compared to WhatsApp and Facebook Messenger?</p>																	
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. Ability to create channels for broadcasting messages to large audiences</p> <p><input type="checkbox"/> 2. End-to-end encryption for all messages</p> <p><input type="checkbox"/> 3. Voice and video calling capabilities</p> <p><input type="checkbox"/> 4. Integration with Facebook for seamless sharing</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>441009156676</td></tr> <tr><td>Option 1 ID :</td><td>441009621868</td></tr> <tr><td>Option 2 ID :</td><td>441009621867</td></tr> <tr><td>Option 3 ID :</td><td>441009621870</td></tr> <tr><td>Option 4 ID :</td><td>441009621869</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 :	441009156676	Option 1 ID :	441009621868	Option 2 ID :	441009621867	Option 3 ID :	441009621870	Option 4 ID :	441009621869	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																	
Question ID :	441009156676																	
Option 1 ID :	441009621868																	
Option 2 ID :	441009621867																	
Option 3 ID :	441009621870																	
Option 4 ID :	441009621869																	
Status :	Answered																	
Chosen Option :	1																	
<p>Q.9 2</p>	<p>How does retrofitting an old building with energy-efficient windows impact energy consumption?</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. It has no effect on energy consumption.</p> <p><input type="checkbox"/> 2. It increases the need for artificial lighting.</p> <p><input type="checkbox"/> 3. It causes a rise in indoor temperatures.</p> <p><input checked="" type="checkbox"/> 4. It decreases the building's heating and cooling costs.</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>441009158538</td></tr> <tr><td>Option 1 ID :</td><td>441009629088</td></tr> <tr><td>Option 2 ID :</td><td>441009629087</td></tr> <tr><td>Option 3 ID :</td><td>441009629090</td></tr> <tr><td>Option 4 ID :</td><td>441009629089</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 :	441009158538	Option 1 ID :	441009629088	Option 2 ID :	441009629087	Option 3 ID :	441009629090	Option 4 ID :	441009629089	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009158538																	
Option 1 ID :	441009629088																	
Option 2 ID :	441009629087																	
Option 3 ID :	441009629090																	
Option 4 ID :	441009629089																	
Status :	Answered																	
Chosen Option :	4																	

Q.9 A mass m is moving with a velocity v and its kinetic energy is K . What will be the new kinetic energy if the velocity is doubled?

Ans 1. $K/2$
 2. K
 3. $4K$
 4. $2K$

Question Type :	MCQ
Question ID :	441009153542
Option 1 ID :	441009609341
Option 2 ID :	441009609339
Option 3 ID :	441009609340
Option 4 ID :	441009609338
Status :	Answered
Chosen Option :	3

Q.9 Which of the following is generally the temperature range in a laboratory thermometer?

Ans 1. -10°C to 150°C
 2. -100°C to 130°C
 3. 35°C to 42°C
 4. -10°C to 110°C

Question Type :	MCQ
Question ID :	441009154534
Option 1 ID :	441009613298
Option 2 ID :	441009613301
Option 3 ID :	441009613300
Option 4 ID :	441009613299
Status :	Not Answered
Chosen Option :	--

Q.9 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. No one sits to the left of B. R faces the person who sits second to the right of D. C faces the person who is the immediate neighbour of Q and R, B does not face S. Who amongst the following faces P?

Ans 1. B
 2. A
 3. C
 4. D

Question Type :	MCQ
Question ID :	441009155638
Option 1 ID :	441009617720
Option 2 ID :	441009617722
Option 3 ID :	441009617719
Option 4 ID :	441009617721
Status :	Not Answered
Chosen Option :	--

Q.9 In an electrical circuit, 'n' number of $1\ \Omega$ resistors are connected in parallel. When one of the resistors is eliminated, the overall resistance of the circuit is _____.

Ans 1. $\frac{1}{n}$

2. $\frac{1}{(n - 1)}$

3. Zero

4. $\frac{1}{n^2}$

Question Type : MCQ

Question ID : 441009153517

Option 1 ID : 441009609238

Option 2 ID : 441009609240

Option 3 ID : 441009609241

Option 4 ID : 441009609239

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?

47 D 25 A 5 C 2 B 9 = ?

Ans 1. 60

2. 62

3. 56

4. 58

Question Type : MCQ

Question ID : 441009155593

Option 1 ID : 441009617541

Option 2 ID : 441009617542

Option 3 ID : 441009617539

Option 4 ID : 441009617540

Status : Answered

Chosen Option : 1

<p>Q.9</p>	<p>Which of the following keyboard shortcuts on a Windows 10 home screen opens the item's properties?</p>																
<p>Ans</p>	<p>✗ 1. F2 + Alt</p> <p>✓ 2. Alt + Enter</p> <p>✗ 3. Insert + Alt</p> <p>✗ 4. Tab + Del</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>441009156684</td></tr> <tr><td>Option 1 ID :</td><td>441009621902</td></tr> <tr><td>Option 2 ID :</td><td>441009621900</td></tr> <tr><td>Option 3 ID :</td><td>441009621901</td></tr> <tr><td>Option 4 ID :</td><td>441009621899</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 :	441009156684	Option 1 ID :	441009621902	Option 2 ID :	441009621900	Option 3 ID :	441009621901	Option 4 ID :	441009621899	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009156684																
Option 1 ID :	441009621902																
Option 2 ID :	441009621900																
Option 3 ID :	441009621901																
Option 4 ID :	441009621899																
Status :	Answered																
Chosen Option :	2																
<p>Q.9</p>	<p>Given below are two sets of numbers. Both the sets are formed using the same mathematical equations or follow a common pattern. Which of the given options follows the same set of mathematical equations or patterns as the sets given in the question?</p> <p>1333 – 1730 – 2199 – 2746 – 3377 218 – 345 – 514 – 731 – 1002</p>																
<p>Ans</p>	<p>✗ 1. 3 – 6 – 11 – 18 – 27</p> <p>✗ 2. 38 – 51 – 66 – 83 – 102</p> <p>✓ 3. 3 – 10 – 29 – 66 – 127</p> <p>✗ 4. 123 – 146 – 171 – 198 – 227</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>441009160819</td></tr> <tr><td>Option 1 ID :</td><td>441009637003</td></tr> <tr><td>Option 2 ID :</td><td>441009637001</td></tr> <tr><td>Option 3 ID :</td><td>441009637002</td></tr> <tr><td>Option 4 ID :</td><td>441009637000</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 :	441009160819	Option 1 ID :	441009637003	Option 2 ID :	441009637001	Option 3 ID :	441009637002	Option 4 ID :	441009637000	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009160819																
Option 1 ID :	441009637003																
Option 2 ID :	441009637001																
Option 3 ID :	441009637002																
Option 4 ID :	441009637000																
Status :	Answered																
Chosen Option :	2																

Q.1 Which of the following processes causes accumulation of heavy metals such as lead and mercury in soil?

Ans 1. Improper disposal of industrial wastes
 2. Ozone layer depletion
 3. Water evaporation
 4. Natural soil formation

Question Type :	MCQ
Question ID :	441009158543
Option 1 ID :	441009629108
Option 2 ID :	441009629107
Option 3 ID :	441009629109
Option 4 ID :	441009629110
Status :	Answered
Chosen Option :	1

Section : PART-B

Q.1 What is the SI unit of 'volume'?

Ans 1. Cubic centimetre
 2. Litres
 3. Cubic metre
 4. Millilitres

Question Type :	MCQ
Question ID :	441009161837
Option 1 ID :	441009641002
Option 2 ID :	441009641001
Option 3 ID :	441009641003
Option 4 ID :	441009641004
Status :	Answered
Chosen Option :	3

Q.2 A carburetor used in a petrol engine is designed so as to fit in which of the following parts of the engine?

Ans 1. Connecting rod
 2. Casing
 3. Piston
 4. Cylinder head

Question Type :	MCQ
Question ID :	441009155069
Option 1 ID :	441009615425
Option 2 ID :	441009615422
Option 3 ID :	441009615423
Option 4 ID :	441009615424
Status :	Answered
Chosen Option :	4

Q.3	Which of the following is NOT the purpose of lubrication oil in an engine?
Ans	<input checked="" type="checkbox"/> 1. Mixing of impurities uniformly that include aromatics and polar compounds <input type="checkbox"/> 2. Finishing to improve oxidation and heat stability <input type="checkbox"/> 3. Separation of lighter boiling materials such as gasoline, jet fuel, diesel, etc. <input type="checkbox"/> 4. Dewaxing to improve low-temperature fluidity

Question Type :	MCQ
Question ID :	441009241235
Option 1 ID :	441009942672
Option 2 ID :	441009942674
Option 3 ID :	441009942671
Option 4 ID :	441009942673
Status :	Answered
Chosen Option :	2

Q.4	Which of the following statements is NOT correct for using scribers?
Ans	<input type="checkbox"/> 1. Do not put the scriber in your pocket. <input type="checkbox"/> 2. Scriber points are very sharp, so they are to be handled very carefully. <input checked="" type="checkbox"/> 3. Place a cork on the point when in use to prevent accidents. <input type="checkbox"/> 4. While scribing lines, the scriber is used like a pencil.

Question Type :	MCQ
Question ID :	441009240892
Option 1 ID :	441009941528
Option 2 ID :	441009941526
Option 3 ID :	441009941527
Option 4 ID :	441009941525
Status :	Answered
Chosen Option :	3

Q.5	Which of the following types of engine classifications is based on cylinder arrangement?
Ans	<input type="checkbox"/> 1. Diesel cycle engine <input type="checkbox"/> 2. Otto cycle engine <input checked="" type="checkbox"/> 3. V-engine <input type="checkbox"/> 4. Dual cycle engine

Question Type :	MCQ
Question ID :	441009155093
Option 1 ID :	441009615519
Option 2 ID :	441009615518
Option 3 ID :	441009615520
Option 4 ID :	441009615521
Status :	Answered
Chosen Option :	3

Q.6 In a hydraulic brake booster system, where is the hydraulic pressure stored before it is used to assist braking?

- Ans**
- 1. Power steering pump
 - 2. Master cylinder
 - 3. Accumulator
 - 4. Brake caliper

Question Type :	MCQ
Question ID :	441009155082
Option 1 ID :	441009615475
Option 2 ID :	441009615474
Option 3 ID :	441009615476
Option 4 ID :	441009615477
Status :	Answered
Chosen Option :	2

Q.7 The process in which an oil pump housing is first filled with oil, especially for oil pumps that are driven by the crankshaft, is known as:

- Ans**
- 1. priming of a new oil pump
 - 2. cavitation of a pump
 - 3. ferrography of a pump
 - 4. alignment of a pump

Question Type :	MCQ
Question ID :	441009241234
Option 1 ID :	441009942669
Option 2 ID :	441009942667
Option 3 ID :	441009942670
Option 4 ID :	441009942668
Status :	Answered
Chosen Option :	1

Q.8 Which of the following devices is used to insert a micrometer in the hole of an external cylinder for zero aligning?

- Ans**
- 1. Screw driver
 - 2. Spanner
 - 3. Wrench
 - 4. Allen key

Question Type :	MCQ
Question ID :	441009155099
Option 1 ID :	441009615542
Option 2 ID :	441009615545
Option 3 ID :	441009615544
Option 4 ID :	441009615543
Status :	Answered
Chosen Option :	4

Q.9	Where is a typical clutch actuated by a number of coil springs?																
Ans	<input checked="" type="checkbox"/> 1. On an addendum circle near the centre of the radius <input checked="" type="checkbox"/> 2. On a pitch circle near the central axis of the shaft <input checked="" type="checkbox"/> 3. On a base circle near the centre of the circle <input checked="" type="checkbox"/> 4. On a pitch circle near the periphery																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155011</td></tr> <tr><td>Option 1 ID :</td><td>441009615191</td></tr> <tr><td>Option 2 ID :</td><td>441009615193</td></tr> <tr><td>Option 3 ID :</td><td>441009615192</td></tr> <tr><td>Option 4 ID :</td><td>441009615190</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 :	441009155011	Option 1 ID :	441009615191	Option 2 ID :	441009615193	Option 3 ID :	441009615192	Option 4 ID :	441009615190	Status :	Answered	Chosen Option :	2
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Option 2 ID :	441009615193																
Option 3 ID :	441009615192																
Option 4 ID :	441009615190																
Status :	Answered																
Chosen Option :	2																
Q.10	Which of the following statements is INCORRECT about end standard?																
Ans	<input checked="" type="checkbox"/> 1. Faces are subject to wear. <input checked="" type="checkbox"/> 2. It is slower but more accurate. <input checked="" type="checkbox"/> 3. It is used to measure the distance between two engraved lines. <input checked="" type="checkbox"/> 4. It measures the distance between two parallel flat surfaces.																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009161827</td></tr> <tr><td>Option 1 ID :</td><td>441009640962</td></tr> <tr><td>Option 2 ID :</td><td>441009640961</td></tr> <tr><td>Option 3 ID :</td><td>441009640964</td></tr> <tr><td>Option 4 ID :</td><td>441009640963</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 :	441009161827	Option 1 ID :	441009640962	Option 2 ID :	441009640961	Option 3 ID :	441009640964	Option 4 ID :	441009640963	Status :	Not Answered	Chosen Option :	--
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Option 3 ID :	441009640964																
Option 4 ID :	441009640963																
Status :	Not Answered																
Chosen Option :	--																
Q.11	Which of the following calipers are used for marking lines, parallel to inside and outside edges and for locating the centre of round bars?																
Ans	<input checked="" type="checkbox"/> 1. Spring joint calipers <input checked="" type="checkbox"/> 2. Simple calipers <input checked="" type="checkbox"/> 3. Leg and point calipers <input checked="" type="checkbox"/> 4. Firm joint calipers																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156631</td></tr> <tr><td>Option 1 ID :</td><td>441009621688</td></tr> <tr><td>Option 2 ID :</td><td>441009621690</td></tr> <tr><td>Option 3 ID :</td><td>441009621689</td></tr> <tr><td>Option 4 ID :</td><td>441009621687</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 :	441009156631	Option 1 ID :	441009621688	Option 2 ID :	441009621690	Option 3 ID :	441009621689	Option 4 ID :	441009621687	Status :	Answered	Chosen Option :	3
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Option 2 ID :	441009621690																
Option 3 ID :	441009621689																
Option 4 ID :	441009621687																
Status :	Answered																
Chosen Option :	3																

Q.1	In two-stroke engines, one power cycle is completed in how many revolutions of the crankshaft?
Ans	<input checked="" type="checkbox"/> 1. Three revolutions <input checked="" type="checkbox"/> 2. Four revolutions <input checked="" type="checkbox"/> 3. Two revolutions <input checked="" type="checkbox"/> 4. One revolution

Question Type :	MCQ
Question ID :	441009155089
Option 1 ID :	441009615503
Option 2 ID :	441009615502
Option 3 ID :	441009615504
Option 4 ID :	441009615505
Status :	Answered
Chosen Option :	4

Q.1	Which of the following changes is/are observed in the engine when the idle adjustment screw in the carburetor is adjusted?
Ans	<input checked="" type="checkbox"/> 1. Decreases idle port area, reduce engine speed <input checked="" type="checkbox"/> 2. Regulate air intake <input checked="" type="checkbox"/> 3. Increase idle port area, increase engine speed <input checked="" type="checkbox"/> 4. Control fuel mixture at high speeds

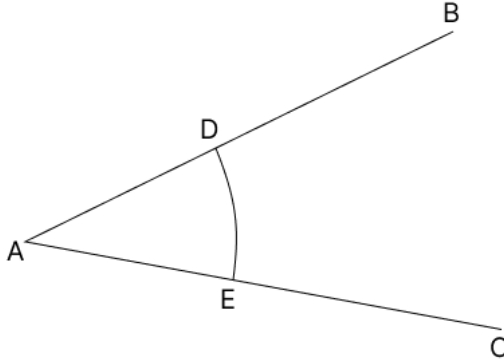
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Option 1 ID :	441009615048
Option 2 ID :	441009615049
Option 3 ID :	441009615046
Option 4 ID :	441009615047
Status :	Answered
Chosen Option :	2

Q.1	When passing stationary vehicles, keep a watch on _____ who may come out suddenly from the front of the stationary vehicle. While overtaking, it should be done on the _____ side. Always keep a good _____ between your vehicle and others.
Ans	<input checked="" type="checkbox"/> 1. pedestrians; right; distance <input checked="" type="checkbox"/> 2. vehicles; right; gap <input checked="" type="checkbox"/> 3. drivers; left; space <input checked="" type="checkbox"/> 4. cyclists; left; interval

Question Type :	MCQ
Question ID :	441009156615
Option 1 ID :	441009621623
Option 2 ID :	441009621625
Option 3 ID :	441009621624
Option 4 ID :	441009621626
Status :	Answered
Chosen Option :	1

Q.1 5	What happens if air is NOT removed from a hydraulic brake system?																
Ans	<input checked="" type="checkbox"/> 1. The engine runs smoother. <input checked="" type="checkbox"/> 2. The tires wear out faster. <input checked="" type="checkbox"/> 3. The fuel efficiency improves. <input checked="" type="checkbox"/> 4. The brakes feel spongy and less effective.																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155086</td></tr> <tr><td>Option 1 ID :</td><td>441009615490</td></tr> <tr><td>Option 2 ID :</td><td>441009615492</td></tr> <tr><td>Option 3 ID :</td><td>441009615493</td></tr> <tr><td>Option 4 ID :</td><td>441009615491</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 :	441009155086	Option 1 ID :	441009615490	Option 2 ID :	441009615492	Option 3 ID :	441009615493	Option 4 ID :	441009615491	Status :	Answered	Chosen Option :	4
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Option 2 ID :	441009615492																
Option 3 ID :	441009615493																
Option 4 ID :	441009615491																
Status :	Answered																
Chosen Option :	4																
Q.1 6	What is an effective way to reduce backlash in a gear system?																
Ans	<input checked="" type="checkbox"/> 1. Increase the clearance between gears <input checked="" type="checkbox"/> 2. Use worn-out gears for better engagement <input checked="" type="checkbox"/> 3. Use proper lubrication and regular maintenance <input checked="" type="checkbox"/> 4. Ignore minor misalignments in gear setup																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154954</td></tr> <tr><td>Option 1 ID :</td><td>441009614962</td></tr> <tr><td>Option 2 ID :</td><td>441009614964</td></tr> <tr><td>Option 3 ID :</td><td>441009614963</td></tr> <tr><td>Option 4 ID :</td><td>441009614965</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 :	441009154954	Option 1 ID :	441009614962	Option 2 ID :	441009614964	Option 3 ID :	441009614963	Option 4 ID :	441009614965	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009614964																
Option 3 ID :	441009614963																
Option 4 ID :	441009614965																
Status :	Answered																
Chosen Option :	1																

Q.1
7 In the process of bisecting angle BAC in the given figure, why do we draw arcs from points D and E?



- Ans
- 1. To mark equal lengths
 - 2. To intersect above A
 - 3. To intersect line AC
 - 4. To find midpoint AB

Question Type :	MCQ
Question ID :	441009156572
Option 1 ID :	441009621454
Option 2 ID :	441009621453
Option 3 ID :	441009621451
Option 4 ID :	441009621452
Status :	Answered
Chosen Option :	1

Q.1
8 Which of the following is NOT a typical component of a welding cable's construction?

- Ans
- 1. Woven fabric reinforcing layers
 - 2. Rubber insulation
 - 3. Steel core
 - 4. Fine copper wires

Question Type :	MCQ
Question ID :	441009241228
Option 1 ID :	441009942645
Option 2 ID :	441009942644
Option 3 ID :	441009942646
Option 4 ID :	441009942643
Status :	Answered
Chosen Option :	3

Q.1 9	Who is authorised to conduct road tests on workshop vehicles?																
Ans	<input checked="" type="checkbox"/> 1. The company accountant <input checked="" type="checkbox"/> 2. Visitors to the workshop <input checked="" type="checkbox"/> 3. Only trained and certified personnel <input checked="" type="checkbox"/> 4. Any employee																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156598</td></tr> <tr><td>Option 1 ID :</td><td>441009621558</td></tr> <tr><td>Option 2 ID :</td><td>441009621557</td></tr> <tr><td>Option 3 ID :</td><td>441009621556</td></tr> <tr><td>Option 4 ID :</td><td>441009621555</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 :	441009156598	Option 1 ID :	441009621558	Option 2 ID :	441009621557	Option 3 ID :	441009621556	Option 4 ID :	441009621555	Status :	Answered	Chosen Option :	3
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Option 3 ID :	441009621556																
Option 4 ID :	441009621555																
Status :	Answered																
Chosen Option :	3																
Q.2 0	The camshaft is driven by the crankshaft through which of the following types of power transmission techniques?																
Ans	<input checked="" type="checkbox"/> 1. Timing gears drive <input checked="" type="checkbox"/> 2. Chain drive <input checked="" type="checkbox"/> 3. Epicyclic gear train drive <input checked="" type="checkbox"/> 4. Flat belt transmission drive																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155032</td></tr> <tr><td>Option 1 ID :</td><td>441009615275</td></tr> <tr><td>Option 2 ID :</td><td>441009615277</td></tr> <tr><td>Option 3 ID :</td><td>441009615274</td></tr> <tr><td>Option 4 ID :</td><td>441009615276</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 :	441009155032	Option 1 ID :	441009615275	Option 2 ID :	441009615277	Option 3 ID :	441009615274	Option 4 ID :	441009615276	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009615277																
Option 3 ID :	441009615274																
Option 4 ID :	441009615276																
Status :	Answered																
Chosen Option :	1																
Q.2 1	Find the lateral surface area of a cube with side length 5 cm.																
Ans	<input checked="" type="checkbox"/> 1. 150 cm ² <input checked="" type="checkbox"/> 2. 100 cm ² <input checked="" type="checkbox"/> 3. 125 cm ² <input checked="" type="checkbox"/> 4. 200 cm ²																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009161835</td></tr> <tr><td>Option 1 ID :</td><td>441009640995</td></tr> <tr><td>Option 2 ID :</td><td>441009640993</td></tr> <tr><td>Option 3 ID :</td><td>441009640994</td></tr> <tr><td>Option 4 ID :</td><td>441009640996</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 :	441009161835	Option 1 ID :	441009640995	Option 2 ID :	441009640993	Option 3 ID :	441009640994	Option 4 ID :	441009640996	Status :	Answered	Chosen Option :	2
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Option 2 ID :	441009640993																
Option 3 ID :	441009640994																
Option 4 ID :	441009640996																
Status :	Answered																
Chosen Option :	2																

Q.2 2	Which of the following symptom or indicator does NOT show the failure of an oil pump?																
Ans	<p><input checked="" type="checkbox"/> 1. If a hydraulic lifter in a vehicle creates noise</p> <p><input checked="" type="checkbox"/> 2. When the engine oil flow slows or stops, the components continue to be lubricated by hot oil that is not permitted to flow</p> <p><input checked="" type="checkbox"/> 3. Able to push oil through the system adequately and with low pressure in oil lines</p> <p><input checked="" type="checkbox"/> 4. When the engine runs at a normal temperature and oil flow is steady.</p>																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155019</td></tr> <tr><td>Option 1 ID :</td><td>441009615224</td></tr> <tr><td>Option 2 ID :</td><td>441009615222</td></tr> <tr><td>Option 3 ID :</td><td>441009615225</td></tr> <tr><td>Option 4 ID :</td><td>441009615223</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 :	441009155019	Option 1 ID :	441009615224	Option 2 ID :	441009615222	Option 3 ID :	441009615225	Option 4 ID :	441009615223	Status :	Answered	Chosen Option :	4
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Option 3 ID :	441009615225																
Option 4 ID :	441009615223																
Status :	Answered																
Chosen Option :	4																
Q.2 3	What is the accuracy level of metric micrometer reading?																
Ans	<p><input checked="" type="checkbox"/> 1. 1.0 mm</p> <p><input checked="" type="checkbox"/> 2. 0.5 mm</p> <p><input checked="" type="checkbox"/> 3. 0.01 mm</p> <p><input checked="" type="checkbox"/> 4. 0.1 mm</p>																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155101</td></tr> <tr><td>Option 1 ID :</td><td>441009615550</td></tr> <tr><td>Option 2 ID :</td><td>441009615553</td></tr> <tr><td>Option 3 ID :</td><td>441009615552</td></tr> <tr><td>Option 4 ID :</td><td>441009615551</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 :	441009155101	Option 1 ID :	441009615550	Option 2 ID :	441009615553	Option 3 ID :	441009615552	Option 4 ID :	441009615551	Status :	Answered	Chosen Option :	3
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Option 4 ID :	441009615551																
Status :	Answered																
Chosen Option :	3																
Q.2 4	Which of the following is NOT the correct function of the front axle?																
Ans	<p><input checked="" type="checkbox"/> 1. It transmits the torque of a vehicle through springs to the front wheels.</p> <p><input checked="" type="checkbox"/> 2. It absorbs torque applied on it due to braking of vehicle.</p> <p><input checked="" type="checkbox"/> 3. An axle is a central shaft for a rotating wheel or gear.</p> <p><input checked="" type="checkbox"/> 4. It supports the weight of the front part of the vehicle.</p>																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009241232</td></tr> <tr><td>Option 1 ID :</td><td>441009942661</td></tr> <tr><td>Option 2 ID :</td><td>441009942662</td></tr> <tr><td>Option 3 ID :</td><td>441009942659</td></tr> <tr><td>Option 4 ID :</td><td>441009942660</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 :	441009241232	Option 1 ID :	441009942661	Option 2 ID :	441009942662	Option 3 ID :	441009942659	Option 4 ID :	441009942660	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009942662																
Option 3 ID :	441009942659																
Option 4 ID :	441009942660																
Status :	Answered																
Chosen Option :	1																

Q.2 5	Which of the following information is necessary to construct a rectangle?																
Ans	<input checked="" type="checkbox"/> 1. Only the length of the diagonal <input checked="" type="checkbox"/> 2. Length of two adjacent sides <input checked="" type="checkbox"/> 3. Length of one side and the area of the rectangle <input checked="" type="checkbox"/> 4. Only the length of one side																
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Option 3 ID :	441009621450																
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Status :	Answered																
Chosen Option :	3																

Q.2 6	What is the minimum age for employment in factories or mines or other hazardous employment, according to Article 24 of the Indian Constitution?																
Ans	<input checked="" type="checkbox"/> 1. 16 years <input checked="" type="checkbox"/> 2. 12 years <input checked="" type="checkbox"/> 3. 18 years <input checked="" type="checkbox"/> 4. 14 years																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156607</td></tr> <tr><td>Option 1 ID :</td><td>441009621591</td></tr> <tr><td>Option 2 ID :</td><td>441009621594</td></tr> <tr><td>Option 3 ID :</td><td>441009621592</td></tr> <tr><td>Option 4 ID :</td><td>441009621593</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 :	441009156607	Option 1 ID :	441009621591	Option 2 ID :	441009621594	Option 3 ID :	441009621592	Option 4 ID :	441009621593	Status :	Answered	Chosen Option :	3
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Option 4 ID :	441009621593																
Status :	Answered																
Chosen Option :	3																

Q.2 7	Which of the following metals has the lowest melting point?																
Ans	<input checked="" type="checkbox"/> 1. Iron <input checked="" type="checkbox"/> 2. Lead <input checked="" type="checkbox"/> 3. Gold <input checked="" type="checkbox"/> 4. Mercury																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009240900</td></tr> <tr><td>Option 1 ID :</td><td>441009941560</td></tr> <tr><td>Option 2 ID :</td><td>441009941559</td></tr> <tr><td>Option 3 ID :</td><td>441009941558</td></tr> <tr><td>Option 4 ID :</td><td>441009941557</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 :	441009240900	Option 1 ID :	441009941560	Option 2 ID :	441009941559	Option 3 ID :	441009941558	Option 4 ID :	441009941557	Status :	Answered	Chosen Option :	2
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Option 2 ID :	441009941559																
Option 3 ID :	441009941558																
Option 4 ID :	441009941557																
Status :	Answered																
Chosen Option :	2																

<p>Q.2 8</p>	<p>Which of the following types of valve seats are commonly used in cast iron head of the engine?</p>																
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. Integral valve seats</p> <p><input type="checkbox"/> 2. Insert valve seats</p> <p><input type="checkbox"/> 3. Two piece valve seats</p> <p><input type="checkbox"/> 4. Elliptical valve seats</p>																
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Option 3 ID :	441009615381																
Option 4 ID :	441009615380																
Status :	Not Answered																
Chosen Option :	--																
<p>Q.2 9</p>	<p>The SI unit of temperature is/are _____.</p>																
<p>Ans</p>	<p><input type="checkbox"/> 1. both kelvin and celsius</p> <p><input type="checkbox"/> 2. fahrenheit</p> <p><input checked="" type="checkbox"/> 3. kelvin</p> <p><input type="checkbox"/> 4. celsius</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>441009156656</td></tr> <tr><td>Option 1 ID :</td><td>441009621790</td></tr> <tr><td>Option 2 ID :</td><td>441009621789</td></tr> <tr><td>Option 3 ID :</td><td>441009621787</td></tr> <tr><td>Option 4 ID :</td><td>441009621788</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 :	441009156656	Option 1 ID :	441009621790	Option 2 ID :	441009621789	Option 3 ID :	441009621787	Option 4 ID :	441009621788	Status :	Answered	Chosen Option :	3
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Option 1 ID :	441009621790																
Option 2 ID :	441009621789																
Option 3 ID :	441009621787																
Option 4 ID :	441009621788																
Status :	Answered																
Chosen Option :	3																
<p>Q.3 0</p>	<p>The wave set of hacksaw teeth set has a pitch of _____.</p>																
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. 0.8 mm</p> <p><input type="checkbox"/> 2. 2.0 mm</p> <p><input type="checkbox"/> 3. 1.0 mm</p> <p><input type="checkbox"/> 4. 0.5 mm</p>																
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Question ID :	441009156637																
Option 1 ID :	441009621713																
Option 2 ID :	441009621714																
Option 3 ID :	441009621712																
Option 4 ID :	441009621711																
Status :	Not Answered																
Chosen Option :	--																

Q.3 Which of the following is the primary reason why copper is widely used as a conductor in electrical wiring?

- Ans**
- 1. Copper has a low melting point.
 - 2. Copper has high resistance to electricity.
 - 3. Copper has low resistance and high conductivity.
 - 4. Copper is abundant and inexpensive.

Question Type :	MCQ
Question ID :	441009156532
Option 1 ID :	441009621291
Option 2 ID :	441009621292
Option 3 ID :	441009621294
Option 4 ID :	441009621293
Status :	Answered
Chosen Option :	3

Q.3 In a series circuit, three resistors of 10 ohms, 20 ohms, and R ohms are connected in series with a 12 V battery. What is the value of resistance R if current flowing in the circuit is 0.2 A?

- Ans**
- 1. 10 ohms
 - 2. 30 ohms
 - 3. 40 ohms
 - 4. 20 ohms

Question Type :	MCQ
Question ID :	441009156528
Option 1 ID :	441009621275
Option 2 ID :	441009621277
Option 3 ID :	441009621278
Option 4 ID :	441009621276
Status :	Answered
Chosen Option :	2

Q.3 Which type of line is used to represent hidden edges or surfaces in a technical drawing, as per BIS SP 46-2003?

- Ans**
- 1. Continuous thick line
 - 2. Chain thin line
 - 3. Continuous thin line
 - 4. Dashed thin line

Question Type :	MCQ
Question ID :	441009156576
Option 1 ID :	441009621467
Option 2 ID :	441009621469
Option 3 ID :	441009621470
Option 4 ID :	441009621468
Status :	Answered
Chosen Option :	4

Q.3 4	What is the approximate temperature range of a neutral oxy-acetylene flame?																
Ans	<p>✓ 1. 3000°C-3500°C</p> <p>✗ 2. 2000°C-2500°C</p> <p>✗ 3. 2500°C-2750°C</p> <p>✗ 4. 1500°C-2000°C</p>																
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Option 3 ID :	441009614936																
Option 4 ID :	441009614934																
Status :	Answered																
Chosen Option :	1																
Q.3 5	Which of the following parts is NOT associated with camshaft responsible for the opening and closing of engine valves?																
Ans	<p>✓ 1. Connecting rod</p> <p>✗ 2. Rocker arms</p> <p>✗ 3. Tappets</p> <p>✗ 4. Push rods</p>																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155034</td></tr> <tr><td>Option 1 ID :</td><td>441009615283</td></tr> <tr><td>Option 2 ID :</td><td>441009615284</td></tr> <tr><td>Option 3 ID :</td><td>441009615285</td></tr> <tr><td>Option 4 ID :</td><td>441009615282</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 :	441009155034	Option 1 ID :	441009615283	Option 2 ID :	441009615284	Option 3 ID :	441009615285	Option 4 ID :	441009615282	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009615284																
Option 3 ID :	441009615285																
Option 4 ID :	441009615282																
Status :	Answered																
Chosen Option :	1																
Q.3 6	A single plate friction clutch consists of a clutch disk between the:																
Ans	<p>✓ 1. flywheel and a pressure plate</p> <p>✗ 2. pressure plate and driving shaft</p> <p>✗ 3. differential gear and transmission gear box</p> <p>✗ 4. driving shaft and differential gear</p>																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155018</td></tr> <tr><td>Option 1 ID :</td><td>441009615218</td></tr> <tr><td>Option 2 ID :</td><td>441009615219</td></tr> <tr><td>Option 3 ID :</td><td>441009615221</td></tr> <tr><td>Option 4 ID :</td><td>441009615220</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 :	441009155018	Option 1 ID :	441009615218	Option 2 ID :	441009615219	Option 3 ID :	441009615221	Option 4 ID :	441009615220	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009615219																
Option 3 ID :	441009615221																
Option 4 ID :	441009615220																
Status :	Answered																
Chosen Option :	1																

Q.3 7	Which of the following parts of the engine is used to compress the charge during compression stroke and to transmit the gas force to the connecting rod and then to the crankshaft during power stroke?																
Ans	<input checked="" type="checkbox"/> 1. Piston <input type="checkbox"/> 2. Cylinder head <input type="checkbox"/> 3. Cylinder block <input type="checkbox"/> 4. Crankcase																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155051</td></tr> <tr><td>Option 1 ID :</td><td>441009615353</td></tr> <tr><td>Option 2 ID :</td><td>441009615350</td></tr> <tr><td>Option 3 ID :</td><td>441009615352</td></tr> <tr><td>Option 4 ID :</td><td>441009615351</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 :	441009155051	Option 1 ID :	441009615353	Option 2 ID :	441009615350	Option 3 ID :	441009615352	Option 4 ID :	441009615351	Status :	Answered	Chosen Option :	1
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Option 3 ID :	441009615352																
Option 4 ID :	441009615351																
Status :	Answered																
Chosen Option :	1																
Q.3 8	A 100-mm prick punch with a 7-mm diameter body could have a 2.5-mm diameter point ground to an angle of _____.																
Ans	<input checked="" type="checkbox"/> 1. 30° <input type="checkbox"/> 2. 45° <input type="checkbox"/> 3. 90° <input type="checkbox"/> 4. 120°																
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Option 3 ID :	441009621681																
Option 4 ID :	441009621682																
Status :	Answered																
Chosen Option :	1																
Q.3 9	What is the best method of manufacturing of connecting rod used in an engine?																
Ans	<input type="checkbox"/> 1. Machining operation <input type="checkbox"/> 2. Sand casting <input type="checkbox"/> 3. Investment casting <input checked="" type="checkbox"/> 4. Drop forging																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155039</td></tr> <tr><td>Option 1 ID :</td><td>441009615305</td></tr> <tr><td>Option 2 ID :</td><td>441009615302</td></tr> <tr><td>Option 3 ID :</td><td>441009615304</td></tr> <tr><td>Option 4 ID :</td><td>441009615303</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 :	441009155039	Option 1 ID :	441009615305	Option 2 ID :	441009615302	Option 3 ID :	441009615304	Option 4 ID :	441009615303	Status :	Answered	Chosen Option :	4
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Option 1 ID :	441009615305																
Option 2 ID :	441009615302																
Option 3 ID :	441009615304																
Option 4 ID :	441009615303																
Status :	Answered																
Chosen Option :	4																

<p>Q.4 0</p>	<p>Which of the following statements about title block is/are true? Statement 1: The title block is situated in the bottom right-hand corner of the drawing sheet. Statement 2: The contents of the title block are standardised and cannot be modified to suit individual company needs.</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. Both statements are true</p> <p><input type="checkbox"/> 2. Both statements are false</p> <p><input checked="" type="checkbox"/> 3. Statement 1 is true, but statement 2 is false</p> <p><input type="checkbox"/> 4. Statement 1 is false, but statement 2 is true</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>441009156563</td></tr> <tr><td>Option 1 ID :</td><td>441009621415</td></tr> <tr><td>Option 2 ID :</td><td>441009621418</td></tr> <tr><td>Option 3 ID :</td><td>441009621416</td></tr> <tr><td>Option 4 ID :</td><td>441009621417</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 :	441009156563	Option 1 ID :	441009621415	Option 2 ID :	441009621418	Option 3 ID :	441009621416	Option 4 ID :	441009621417	Status :	Answered	Chosen Option :	1
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Option 3 ID :	441009621416																	
Option 4 ID :	441009621417																	
Status :	Answered																	
Chosen Option :	1																	
<p>Q.4 1</p>	<p>A crucial engine component that ensures proper sealing of the intake and exhaust valves is known as:</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. valve barrier</p> <p><input type="checkbox"/> 2. valve ring</p> <p><input type="checkbox"/> 3. valve gasket</p> <p><input checked="" type="checkbox"/> 4. valve seat</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>441009155059</td></tr> <tr><td>Option 1 ID :</td><td>441009615382</td></tr> <tr><td>Option 2 ID :</td><td>441009615385</td></tr> <tr><td>Option 3 ID :</td><td>441009615383</td></tr> <tr><td>Option 4 ID :</td><td>441009615384</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 :	441009155059	Option 1 ID :	441009615382	Option 2 ID :	441009615385	Option 3 ID :	441009615383	Option 4 ID :	441009615384	Status :	Answered	Chosen Option :	3
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Option 4 ID :	441009615384																	
Status :	Answered																	
Chosen Option :	3																	
<p>Q.4 2</p>	<p>A type of piston which provides an even distribution of the air-fuel mixture, consistent flame front during combustion and it has the smallest surface area on top is known as:</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. semi-spherical piston</p> <p><input type="checkbox"/> 2. dome piston</p> <p><input checked="" type="checkbox"/> 3. flat piston</p> <p><input type="checkbox"/> 4. dish piston</p>																	
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Option 3 ID :	441009615346																	
Option 4 ID :	441009615347																	
Status :	Answered																	
Chosen Option :	2																	

Q.4 3	For the given tire size, as per specification as 205/55R16, what is the width of the tire?																
Ans	<p>✓ 1. 205 mm</p> <p>✗ 2. 880 mm</p> <p>✗ 3. $\frac{205}{55}$ mm</p> <p>✗ 4. 550 mm</p>																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154996</td></tr> <tr><td>Option 1 ID :</td><td>441009615130</td></tr> <tr><td>Option 2 ID :</td><td>441009615133</td></tr> <tr><td>Option 3 ID :</td><td>441009615131</td></tr> <tr><td>Option 4 ID :</td><td>441009615132</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 :	441009154996	Option 1 ID :	441009615130	Option 2 ID :	441009615133	Option 3 ID :	441009615131	Option 4 ID :	441009615132	Status :	Not Answered	Chosen Option :	--
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Option 1 ID :	441009615130																
Option 2 ID :	441009615133																
Option 3 ID :	441009615131																
Option 4 ID :	441009615132																
Status :	Not Answered																
Chosen Option :	--																
Q.4 4	If the calliper bore diameter worn is greater than 2.630 inches (66.80 mm), what corrective action is recommended?																
Ans	<p>✓ 1. Replacing the calliper housing</p> <p>✗ 2. Replacing the piston</p> <p>✗ 3. Tightening the inlet fitting</p> <p>✗ 4. Adjusting the brake pads</p>																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009241224</td></tr> <tr><td>Option 1 ID :</td><td>441009942628</td></tr> <tr><td>Option 2 ID :</td><td>441009942627</td></tr> <tr><td>Option 3 ID :</td><td>441009942629</td></tr> <tr><td>Option 4 ID :</td><td>441009942630</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 :	441009241224	Option 1 ID :	441009942628	Option 2 ID :	441009942627	Option 3 ID :	441009942629	Option 4 ID :	441009942630	Status :	Answered	Chosen Option :	2
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Option 3 ID :	441009942629																
Option 4 ID :	441009942630																
Status :	Answered																
Chosen Option :	2																

Q.4 5	Which of the following statements is correct about the clutch used in vehicles?																
Ans	<p><input type="checkbox"/> 1. It allows the driver to lift and unload the bulk material from engine and transmission.</p> <p><input type="checkbox"/> 2. It allows the driver to change the speed of engine.</p> <p><input checked="" type="checkbox"/> 3. It allows the driver to couple or decouple the power transmission at will without stopping the engine.</p> <p><input type="checkbox"/> 4. It allows the driver to change the drive of engine in any direction.</p>																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009241233</td></tr> <tr><td>Option 1 ID :</td><td>441009942666</td></tr> <tr><td>Option 2 ID :</td><td>441009942664</td></tr> <tr><td>Option 3 ID :</td><td>441009942665</td></tr> <tr><td>Option 4 ID :</td><td>441009942663</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 :	441009241233	Option 1 ID :	441009942666	Option 2 ID :	441009942664	Option 3 ID :	441009942665	Option 4 ID :	441009942663	Status :	Answered	Chosen Option :	3
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Option 3 ID :	441009942665																
Option 4 ID :	441009942663																
Status :	Answered																
Chosen Option :	3																
Q.4 6	Which of the following types of chisels is used for separating metals after chain drilling?																
Ans	<p><input type="checkbox"/> 1. Cross-cut chisel</p> <p><input type="checkbox"/> 2. Diamond point chisel</p> <p><input checked="" type="checkbox"/> 3. Web chisel</p> <p><input type="checkbox"/> 4. Flat chisel</p>																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156640</td></tr> <tr><td>Option 1 ID :</td><td>441009621724</td></tr> <tr><td>Option 2 ID :</td><td>441009621725</td></tr> <tr><td>Option 3 ID :</td><td>441009621726</td></tr> <tr><td>Option 4 ID :</td><td>441009621723</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 :	441009156640	Option 1 ID :	441009621724	Option 2 ID :	441009621725	Option 3 ID :	441009621726	Option 4 ID :	441009621723	Status :	Not Answered	Chosen Option :	--
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Option 3 ID :	441009621726																
Option 4 ID :	441009621723																
Status :	Not Answered																
Chosen Option :	--																
Q.4 7	What is the primary function of a spark plug in a spark ignition engine?																
Ans	<p><input type="checkbox"/> 1. To provide lubrication to engine parts</p> <p><input type="checkbox"/> 2. To cool the engine</p> <p><input checked="" type="checkbox"/> 3. To ignite the compressed air-fuel mixture</p> <p><input type="checkbox"/> 4. To regulate engine timing</p>																
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Question ID :	441009154942																
Option 1 ID :	441009614915																
Option 2 ID :	441009614916																
Option 3 ID :	441009614914																
Option 4 ID :	441009614917																
Status :	Answered																
Chosen Option :	3																

Q.4	Which of the following colours is commonly used for caution signs?	8																
Ans	<input checked="" type="checkbox"/> 1. Yellow <input type="checkbox"/> 2. Red <input type="checkbox"/> 3. Blue <input type="checkbox"/> 4. Green																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156601</td></tr> <tr><td>Option 1 ID :</td><td>441009621569</td></tr> <tr><td>Option 2 ID :</td><td>441009621570</td></tr> <tr><td>Option 3 ID :</td><td>441009621568</td></tr> <tr><td>Option 4 ID :</td><td>441009621567</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 :	441009156601	Option 1 ID :	441009621569	Option 2 ID :	441009621570	Option 3 ID :	441009621568	Option 4 ID :	441009621567	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																	
Question ID :	441009156601																	
Option 1 ID :	441009621569																	
Option 2 ID :	441009621570																	
Option 3 ID :	441009621568																	
Option 4 ID :	441009621567																	
Status :	Answered																	
Chosen Option :	2																	
Q.4	Acetylene hose-pipes are typically identified by their ____ colour.	9																
Ans	<input checked="" type="checkbox"/> 1. maroon <input type="checkbox"/> 2. black <input type="checkbox"/> 3. green <input type="checkbox"/> 4. blue																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154945</td></tr> <tr><td>Option 1 ID :</td><td>441009614927</td></tr> <tr><td>Option 2 ID :</td><td>441009614926</td></tr> <tr><td>Option 3 ID :</td><td>441009614928</td></tr> <tr><td>Option 4 ID :</td><td>441009614929</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 :	441009154945	Option 1 ID :	441009614927	Option 2 ID :	441009614926	Option 3 ID :	441009614928	Option 4 ID :	441009614929	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																	
Question ID :	441009154945																	
Option 1 ID :	441009614927																	
Option 2 ID :	441009614926																	
Option 3 ID :	441009614928																	
Option 4 ID :	441009614929																	
Status :	Answered																	
Chosen Option :	1																	
Q.5	Which of the following is NOT a part of the gear changing mechanism in an automatic transmission system?	0																
Ans	<input type="checkbox"/> 1. Torque converter <input type="checkbox"/> 2. Epicyclic gear arrangement <input type="checkbox"/> 3. Fluid coupling <input checked="" type="checkbox"/> 4. Universal coupling																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155003</td></tr> <tr><td>Option 1 ID :</td><td>441009615161</td></tr> <tr><td>Option 2 ID :</td><td>441009615158</td></tr> <tr><td>Option 3 ID :</td><td>441009615159</td></tr> <tr><td>Option 4 ID :</td><td>441009615160</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 :	441009155003	Option 1 ID :	441009615161	Option 2 ID :	441009615158	Option 3 ID :	441009615159	Option 4 ID :	441009615160	Status :	Not Answered	Chosen Option :	--
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Option 3 ID :	441009615159																	
Option 4 ID :	441009615160																	
Status :	Not Answered																	
Chosen Option :	--																	

<p>Q.5 1</p>	<p>Which property is NOT essential for a friction material?</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. Low thermal conductivity</p> <p><input type="checkbox"/> 2. Resistance to wear</p> <p><input checked="" type="checkbox"/> 3. High noise generation</p> <p><input type="checkbox"/> 4. Durability</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>441009241226</td></tr> <tr><td>Option 1 ID :</td><td>441009942636</td></tr> <tr><td>Option 2 ID :</td><td>441009942638</td></tr> <tr><td>Option 3 ID :</td><td>441009942637</td></tr> <tr><td>Option 4 ID :</td><td>441009942635</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 :	441009241226	Option 1 ID :	441009942636	Option 2 ID :	441009942638	Option 3 ID :	441009942637	Option 4 ID :	441009942635	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																	
Question ID :	441009241226																	
Option 1 ID :	441009942636																	
Option 2 ID :	441009942638																	
Option 3 ID :	441009942637																	
Option 4 ID :	441009942635																	
Status :	Answered																	
Chosen Option :	3																	
<p>Q.5 2</p>	<p>In a logic circuit, two inputs A and B are applied to an AND gate, and the output of the AND gate is connected to the input of a NOT gate. If the inputs A and B are both at logic 0, what will be the output of the entire circuit?</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. 2</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>441009156517</td></tr> <tr><td>Option 1 ID :</td><td>441009621233</td></tr> <tr><td>Option 2 ID :</td><td>441009621231</td></tr> <tr><td>Option 3 ID :</td><td>441009621232</td></tr> <tr><td>Option 4 ID :</td><td>441009621234</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 :	441009156517	Option 1 ID :	441009621233	Option 2 ID :	441009621231	Option 3 ID :	441009621232	Option 4 ID :	441009621234	Status :	Not Answered	Chosen Option :	--
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Question ID :	441009156517																	
Option 1 ID :	441009621233																	
Option 2 ID :	441009621231																	
Option 3 ID :	441009621232																	
Option 4 ID :	441009621234																	
Status :	Not Answered																	
Chosen Option :	--																	
<p>Q.5 3</p>	<p>What type of rays are a significant hazard during arc welding?</p>																	
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. Ultraviolet and infrared rays</p> <p><input type="checkbox"/> 2. X-rays and gamma rays</p> <p><input type="checkbox"/> 3. Microwaves and radio waves</p> <p><input type="checkbox"/> 4. Sound waves and visible light</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>441009241229</td></tr> <tr><td>Option 1 ID :</td><td>441009942649</td></tr> <tr><td>Option 2 ID :</td><td>441009942647</td></tr> <tr><td>Option 3 ID :</td><td>441009942648</td></tr> <tr><td>Option 4 ID :</td><td>441009942650</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 :	441009241229	Option 1 ID :	441009942649	Option 2 ID :	441009942647	Option 3 ID :	441009942648	Option 4 ID :	441009942650	Status :	Answered	Chosen Option :	2
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Option 2 ID :	441009942647																	
Option 3 ID :	441009942648																	
Option 4 ID :	441009942650																	
Status :	Answered																	
Chosen Option :	2																	

Q.5	If the vehicle does NOT move due to the brake system, what should be checked first?																
4																	
Ans	<input checked="" type="checkbox"/> 1. Parking brake applied <input type="checkbox"/> 2. Loose inlet fitting <input type="checkbox"/> 3. Piston diameter <input type="checkbox"/> 4. Brake adjuster																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154958</td></tr> <tr><td>Option 1 ID :</td><td>441009614979</td></tr> <tr><td>Option 2 ID :</td><td>441009614978</td></tr> <tr><td>Option 3 ID :</td><td>441009614980</td></tr> <tr><td>Option 4 ID :</td><td>441009614981</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 :	441009154958	Option 1 ID :	441009614979	Option 2 ID :	441009614978	Option 3 ID :	441009614980	Option 4 ID :	441009614981	Status :	Answered	Chosen Option :	4
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Option 1 ID :	441009614979																
Option 2 ID :	441009614978																
Option 3 ID :	441009614980																
Option 4 ID :	441009614981																
Status :	Answered																
Chosen Option :	4																
Q.5	How much clearance is to be provided for compression ring fitted into the piston of an IC engine?																
5																	
Ans	<input type="checkbox"/> 1. Approximately 0.095 – 1.80 mm for compression rings <input type="checkbox"/> 2. Approximately 0.9 – 1.80 mm for compression rings <input checked="" type="checkbox"/> 3. 0.002 D to 0.004 D where D is the cylinder bore <input type="checkbox"/> 4. Approximately 0.035 – 0.080 mm for compression rings																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155046</td></tr> <tr><td>Option 1 ID :</td><td>441009615332</td></tr> <tr><td>Option 2 ID :</td><td>441009615333</td></tr> <tr><td>Option 3 ID :</td><td>441009615331</td></tr> <tr><td>Option 4 ID :</td><td>441009615330</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 :	441009155046	Option 1 ID :	441009615332	Option 2 ID :	441009615333	Option 3 ID :	441009615331	Option 4 ID :	441009615330	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
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Option 1 ID :	441009615332																
Option 2 ID :	441009615333																
Option 3 ID :	441009615331																
Option 4 ID :	441009615330																
Status :	Answered																
Chosen Option :	4																
Q.5	Which of the following types of engine classifications is based on the thermodynamic cycle?																
6																	
Ans	<input checked="" type="checkbox"/> 1. Otto cycle engine <input type="checkbox"/> 2. Radial engine <input type="checkbox"/> 3. V-engine <input type="checkbox"/> 4. In-line cylinder engine																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009241237</td></tr> <tr><td>Option 1 ID :</td><td>441009942681</td></tr> <tr><td>Option 2 ID :</td><td>441009942682</td></tr> <tr><td>Option 3 ID :</td><td>441009942679</td></tr> <tr><td>Option 4 ID :</td><td>441009942680</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 :	441009241237	Option 1 ID :	441009942681	Option 2 ID :	441009942682	Option 3 ID :	441009942679	Option 4 ID :	441009942680	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009241237																
Option 1 ID :	441009942681																
Option 2 ID :	441009942682																
Option 3 ID :	441009942679																
Option 4 ID :	441009942680																
Status :	Answered																
Chosen Option :	1																

Q.5	Which of the following types of additives are blended with the lubricant to reduce the surface tension of the oil?																
7																	
Ans	<input checked="" type="checkbox"/> 1. Demulsifiers <input checked="" type="checkbox"/> 2. Tackiness agents <input checked="" type="checkbox"/> 3. Mist suppressors <input checked="" type="checkbox"/> 4. Emulsifiers																
<table border="1"> <tr> <td>Question Type :</td> <td>MCQ</td> </tr> <tr> <td>Question ID :</td> <td>441009155024</td> </tr> <tr> <td>Option 1 ID :</td> <td>441009615245</td> </tr> <tr> <td>Option 2 ID :</td> <td>441009615244</td> </tr> <tr> <td>Option 3 ID :</td> <td>441009615243</td> </tr> <tr> <td>Option 4 ID :</td> <td>441009615242</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 :	441009155024	Option 1 ID :	441009615245	Option 2 ID :	441009615244	Option 3 ID :	441009615243	Option 4 ID :	441009615242	Status :	Not Answered	Chosen Option :	--
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Option 2 ID :	441009615244																
Option 3 ID :	441009615243																
Option 4 ID :	441009615242																
Status :	Not Answered																
Chosen Option :	--																
Q.5	Which of the following provisions is provided in the cylinder head during design for increasing the air cooling effect?																
8																	
Ans	<input checked="" type="checkbox"/> 1. Dimple like shapes on surfaces are provided on the cylinder walls. <input checked="" type="checkbox"/> 2. Cylinder head is provided with water jackets. <input checked="" type="checkbox"/> 3. Cylinder block is provided with high speed cooling air flow. <input checked="" type="checkbox"/> 4. Fins or extended surfaces are provided on the cylinder walls and cylinder blocks.																
<table border="1"> <tr> <td>Question Type :</td> <td>MCQ</td> </tr> <tr> <td>Question ID :</td> <td>441009155071</td> </tr> <tr> <td>Option 1 ID :</td> <td>441009615433</td> </tr> <tr> <td>Option 2 ID :</td> <td>441009615430</td> </tr> <tr> <td>Option 3 ID :</td> <td>441009615431</td> </tr> <tr> <td>Option 4 ID :</td> <td>441009615432</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 :	441009155071	Option 1 ID :	441009615433	Option 2 ID :	441009615430	Option 3 ID :	441009615431	Option 4 ID :	441009615432	Status :	Answered	Chosen Option :	4
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Option 2 ID :	441009615430																
Option 3 ID :	441009615431																
Option 4 ID :	441009615432																
Status :	Answered																
Chosen Option :	4																
Q.5	A voltmeter with a resistance of 10,000 ohms is connected across a circuit that has a voltage of 50 V. What is the current flowing through the voltmeter?																
9																	
Ans	<input checked="" type="checkbox"/> 1. 5 mA <input checked="" type="checkbox"/> 2. 4 mA <input checked="" type="checkbox"/> 3. 1 mA <input checked="" type="checkbox"/> 4. 2 mA																
<table border="1"> <tr> <td>Question Type :</td> <td>MCQ</td> </tr> <tr> <td>Question ID :</td> <td>441009156535</td> </tr> <tr> <td>Option 1 ID :</td> <td>441009621306</td> </tr> <tr> <td>Option 2 ID :</td> <td>441009621305</td> </tr> <tr> <td>Option 3 ID :</td> <td>441009621303</td> </tr> <tr> <td>Option 4 ID :</td> <td>441009621304</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 :	441009156535	Option 1 ID :	441009621306	Option 2 ID :	441009621305	Option 3 ID :	441009621303	Option 4 ID :	441009621304	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009621305																
Option 3 ID :	441009621303																
Option 4 ID :	441009621304																
Status :	Answered																
Chosen Option :	1																

Q.6 After removing the carbon deposit on the cylinder head, which of the following is used to clean the cylinder head?

- Ans**
- 1. Diesel
 - 2. Kerosene
 - 3. Cleaning solvent
 - 4. Lub oil

Question Type :	MCQ
Question ID :	441009154970
Option 1 ID :	441009615029
Option 2 ID :	441009615027
Option 3 ID :	441009615026
Option 4 ID :	441009615028
Status :	Not Answered
Chosen Option :	--

Q.6 What does toe-in mean in the wheel alignment of a vehicle?

- Ans**
- 1. Wheels inclined inward at front
 - 2. Wheels rotated 90 degrees
 - 3. Wheels inclined outward at front
 - 4. Wheels parallel

Question Type :	MCQ
Question ID :	441009154966
Option 1 ID :	441009615013
Option 2 ID :	441009615010
Option 3 ID :	441009615011
Option 4 ID :	441009615012
Status :	Answered
Chosen Option :	1

Q.6 When creating 10 mm single-stroke capital letters in vertical style, what does the 10 mm distance between horizontal parallel lines represent?

- Ans**
- 1. Letter width
 - 2. Interline spacing
 - 3. Stroke thickness
 - 4. Letter height

Question Type :	MCQ
Question ID :	441009156570
Option 1 ID :	441009621443
Option 2 ID :	441009621446
Option 3 ID :	441009621444
Option 4 ID :	441009621445
Status :	Answered
Chosen Option :	4

<p>Q.6 What is the typical temperature range of a mercury-based clinical thermometer? 3</p> <p>Ans <input type="checkbox"/> 1. 0°C to 100°C <input type="checkbox"/> 2. 0°C to 50°C <input checked="" type="checkbox"/> 3. 35°C to 42°C <input type="checkbox"/> 4. -10°C to 110°C</p>	<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009240901</td></tr> <tr><td>Option 1 ID :</td><td>441009941564</td></tr> <tr><td>Option 2 ID :</td><td>441009941561</td></tr> <tr><td>Option 3 ID :</td><td>441009941562</td></tr> <tr><td>Option 4 ID :</td><td>441009941563</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 :	441009240901	Option 1 ID :	441009941564	Option 2 ID :	441009941561	Option 3 ID :	441009941562	Option 4 ID :	441009941563	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009240901																
Option 1 ID :	441009941564																
Option 2 ID :	441009941561																
Option 3 ID :	441009941562																
Option 4 ID :	441009941563																
Status :	Answered																
Chosen Option :	1																
<p>Q.6 When flushing a radiator, what is the purpose of submerging the radiator in a water tank after flushing? 4</p> <p>Ans <input type="checkbox"/> 1. To cool the radiator <input checked="" type="checkbox"/> 2. To check for leaks using air pressure <input type="checkbox"/> 3. To refill the radiator with coolant <input type="checkbox"/> 4. To clean the exterior of the radiator</p>	<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154972</td></tr> <tr><td>Option 1 ID :</td><td>441009615035</td></tr> <tr><td>Option 2 ID :</td><td>441009615034</td></tr> <tr><td>Option 3 ID :</td><td>441009615037</td></tr> <tr><td>Option 4 ID :</td><td>441009615036</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 :	441009154972	Option 1 ID :	441009615035	Option 2 ID :	441009615034	Option 3 ID :	441009615037	Option 4 ID :	441009615036	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009615034																
Option 3 ID :	441009615037																
Option 4 ID :	441009615036																
Status :	Answered																
Chosen Option :	1																
<p>Q.6 For the given tire size, as per specification as 205/55R16, what is the width of the tire? 5</p> <p>Ans <input checked="" type="checkbox"/> 1. 205 mm <input type="checkbox"/> 2. 205/55 mm <input type="checkbox"/> 3. 550 mm <input type="checkbox"/> 4. 880 mm</p>	<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009259916</td></tr> <tr><td>Option 1 ID :</td><td>4410091013315</td></tr> <tr><td>Option 2 ID :</td><td>4410091013316</td></tr> <tr><td>Option 3 ID :</td><td>4410091013317</td></tr> <tr><td>Option 4 ID :</td><td>4410091013318</td></tr> <tr><td>Status :</td><td>Not Attempted and Marked For Review</td></tr> <tr><td>Chosen Option :</td><td>--</td></tr> </table>	Question Type :	MCQ	Question ID :	441009259916	Option 1 ID :	4410091013315	Option 2 ID :	4410091013316	Option 3 ID :	4410091013317	Option 4 ID :	4410091013318	Status :	Not Attempted and Marked For Review	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009259916																
Option 1 ID :	4410091013315																
Option 2 ID :	4410091013316																
Option 3 ID :	4410091013317																
Option 4 ID :	4410091013318																
Status :	Not Attempted and Marked For Review																
Chosen Option :	--																

Q.6	Convert 8.5% into a decimal.
6	
Ans	✓ 1. 0.085
	✗ 2. 0.85
	✗ 3. 85
	✗ 4. 8.5

Question Type :	MCQ
Question ID :	441009161836
Option 1 ID :	441009640997
Option 2 ID :	441009640998
Option 3 ID :	441009641000
Option 4 ID :	441009640999
Status :	Answered
Chosen Option :	1

Q.6	The emergency brake locks the wheels by bypassing which system?
7	
Ans	✗ 1. Air pressure system
	✗ 2. Fuel injection system
	✗ 3. Electric brake system
	✓ 4. Hydraulic brake system

Question Type :	MCQ
Question ID :	441009155092
Option 1 ID :	441009615516
Option 2 ID :	441009615517
Option 3 ID :	441009615514
Option 4 ID :	441009615515
Status :	Answered
Chosen Option :	4



Q.6 Match the following types of lines with their correct descriptions according to their orientation and characteristics.

Description
A. A line that is neither parallel to a horizontal plane nor perpendicular to it.
B. A line that is perpendicular to horizontal lines.
C. A line that changes its direction continuously.
D. A line that is parallel to a horizontal plane.

Ans 1. A - 2, B - 3, C - 4, D - 1
 2. A - 3, B - 2, C - 4, D - 1
 3. A - 2, B - 1, C - 4, D - 3
 4. A - 1, B - 2, C - 3, D - 4

Question Type :	MCQ
Question ID :	441009156574
Option 1 ID :	441009621461
Option 2 ID :	441009621460
Option 3 ID :	441009621459
Option 4 ID :	441009621462
Status :	Answered
Chosen Option :	2

Q.6 For your safety at work, which of the following should be ensured?

9 1. All the required protective clothing and equipment are used.
 2. Training and instruction necessary for performing tasks safely have been received.

Ans 1. Only statement 1
 2. Only statement 2
 3. Both statements 1 and 2
 4. Neither statement 1 nor 2

Question Type :	MCQ
Question ID :	441009156618
Option 1 ID :	441009621635
Option 2 ID :	441009621636
Option 3 ID :	441009621637
Option 4 ID :	441009621638
Status :	Answered
Chosen Option :	3

Q.7 0	Which of the following 'V' blocks will have one 'V' groove and two grooves (slots) on either side for clamping in two positions?																
Ans	<input checked="" type="checkbox"/> 1. Single level double groove 'V' block <input type="checkbox"/> 2. Double level single groove 'V' block <input type="checkbox"/> 3. Single level single groove 'V' block <input type="checkbox"/> 4. Matched pair 'V' block																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009240893</td></tr> <tr><td>Option 1 ID :</td><td>441009941530</td></tr> <tr><td>Option 2 ID :</td><td>441009941531</td></tr> <tr><td>Option 3 ID :</td><td>441009941529</td></tr> <tr><td>Option 4 ID :</td><td>441009941532</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 :	441009240893	Option 1 ID :	441009941530	Option 2 ID :	441009941531	Option 3 ID :	441009941529	Option 4 ID :	441009941532	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009240893																
Option 1 ID :	441009941530																
Option 2 ID :	441009941531																
Option 3 ID :	441009941529																
Option 4 ID :	441009941532																
Status :	Answered																
Chosen Option :	1																
Q.7 1	Which of the following terms in the 5S concept refers to making a habit of maintaining the established procedures?																
Ans	<input type="checkbox"/> 1. Set <input checked="" type="checkbox"/> 2. Sustain <input type="checkbox"/> 3. Sort <input type="checkbox"/> 4. Shine																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009240884</td></tr> <tr><td>Option 1 ID :</td><td>441009941494</td></tr> <tr><td>Option 2 ID :</td><td>441009941495</td></tr> <tr><td>Option 3 ID :</td><td>441009941493</td></tr> <tr><td>Option 4 ID :</td><td>441009941496</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 :	441009240884	Option 1 ID :	441009941494	Option 2 ID :	441009941495	Option 3 ID :	441009941493	Option 4 ID :	441009941496	Status :	Answered	Chosen Option :	2
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Option 1 ID :	441009941494																
Option 2 ID :	441009941495																
Option 3 ID :	441009941493																
Option 4 ID :	441009941496																
Status :	Answered																
Chosen Option :	2																
Q.7 2	If the length of a resistor is doubled, what happens to its resistance, assuming all other factors remain constant?																
Ans	<input type="checkbox"/> 1. The resistance quadruples. <input type="checkbox"/> 2. The resistance remains the same. <input type="checkbox"/> 3. The resistance is halved. <input checked="" type="checkbox"/> 4. The resistance is doubled.																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156530</td></tr> <tr><td>Option 1 ID :</td><td>441009621286</td></tr> <tr><td>Option 2 ID :</td><td>441009621284</td></tr> <tr><td>Option 3 ID :</td><td>441009621283</td></tr> <tr><td>Option 4 ID :</td><td>441009621285</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 :	441009156530	Option 1 ID :	441009621286	Option 2 ID :	441009621284	Option 3 ID :	441009621283	Option 4 ID :	441009621285	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
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Option 1 ID :	441009621286																
Option 2 ID :	441009621284																
Option 3 ID :	441009621283																
Option 4 ID :	441009621285																
Status :	Answered																
Chosen Option :	4																

Q.7 3	What is a consequence of using a lower heat input in oxy-acetylene welding?																
Ans	<input type="checkbox"/> 1. Reduced filler metal requirement <input type="checkbox"/> 2. Increased weld penetration <input checked="" type="checkbox"/> 3. Slower welding speed <input type="checkbox"/> 4. Increased welding speed																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154946</td></tr> <tr><td>Option 1 ID :</td><td>441009614932</td></tr> <tr><td>Option 2 ID :</td><td>441009614933</td></tr> <tr><td>Option 3 ID :</td><td>441009614931</td></tr> <tr><td>Option 4 ID :</td><td>441009614930</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 :	441009154946	Option 1 ID :	441009614932	Option 2 ID :	441009614933	Option 3 ID :	441009614931	Option 4 ID :	441009614930	Status :	Answered	Chosen Option :	3
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Option 2 ID :	441009614933																
Option 3 ID :	441009614931																
Option 4 ID :	441009614930																
Status :	Answered																
Chosen Option :	3																
Q.7 4	What is the state of the metal at the junction when heat is applied during resistance welding?																
Ans	<input type="checkbox"/> 1. Liquid <input checked="" type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Solid <input type="checkbox"/> 4. Gaseous																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009241223</td></tr> <tr><td>Option 1 ID :</td><td>441009942625</td></tr> <tr><td>Option 2 ID :</td><td>441009942623</td></tr> <tr><td>Option 3 ID :</td><td>441009942624</td></tr> <tr><td>Option 4 ID :</td><td>441009942626</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 :	441009241223	Option 1 ID :	441009942625	Option 2 ID :	441009942623	Option 3 ID :	441009942624	Option 4 ID :	441009942626	Status :	Answered	Chosen Option :	2
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Option 3 ID :	441009942624																
Option 4 ID :	441009942626																
Status :	Answered																
Chosen Option :	2																
Q.7 5	What is the reason that cam lobe causes the engine to make a ticking or tapping noise, especially when idling, and is often rhythmic and varies in loudness?																
Ans	<input type="checkbox"/> 1. When the cam lobe is subjected to higher load. <input type="checkbox"/> 2. When the cam lobe is hot. <input checked="" type="checkbox"/> 3. When the cam lobe wears out. <input type="checkbox"/> 4. When cam lobe is has insufficient lubrication.																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155030</td></tr> <tr><td>Option 1 ID :</td><td>441009615268</td></tr> <tr><td>Option 2 ID :</td><td>441009615266</td></tr> <tr><td>Option 3 ID :</td><td>441009615267</td></tr> <tr><td>Option 4 ID :</td><td>441009615269</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 :	441009155030	Option 1 ID :	441009615268	Option 2 ID :	441009615266	Option 3 ID :	441009615267	Option 4 ID :	441009615269	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009155030																
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Option 2 ID :	441009615266																
Option 3 ID :	441009615267																
Option 4 ID :	441009615269																
Status :	Answered																
Chosen Option :	4																