

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

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CEN 01/2024 - ALP / सहायक लोको पायलट



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

* Note

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

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

Section : PART-A

<p>Q.1</p>	<p>Refer to the following letter and symbol series and answer the question that follows. Counting to be done from left to right only.</p> <p>(Left) L R Ω Y A \$ K ^ T J # Q & # E % S U * £ B (Right)</p> <p>How many such symbols are there, each of which is immediately preceded by a vowel and also immediately followed by a letter?</p>																
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. Two</p> <p><input type="checkbox"/> 2. One</p> <p><input type="checkbox"/> 3. Four</p> <p><input type="checkbox"/> 4. Three</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>441009155616</td></tr> <tr><td>Option 1 ID :</td><td>441009617632</td></tr> <tr><td>Option 2 ID :</td><td>441009617631</td></tr> <tr><td>Option 3 ID :</td><td>441009617634</td></tr> <tr><td>Option 4 ID :</td><td>441009617633</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 :	441009155616	Option 1 ID :	441009617632	Option 2 ID :	441009617631	Option 3 ID :	441009617634	Option 4 ID :	441009617633	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009617631																
Option 3 ID :	441009617634																
Option 4 ID :	441009617633																
Status :	Answered																
Chosen Option :	1																
<p>Q.2</p>	<p>Which of the following best describes the primary function of a digital signature in electronic communication?</p>																
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. It verifies the identity of the sender and ensures the integrity of the message.</p> <p><input type="checkbox"/> 2. It automatically archives all electronic documents for future reference.</p> <p><input type="checkbox"/> 3. It encrypts the entire message content to ensure privacy.</p> <p><input type="checkbox"/> 4. It allows the recipient to edit the document before signing.</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>441009156672</td></tr> <tr><td>Option 1 ID :</td><td>441009621852</td></tr> <tr><td>Option 2 ID :</td><td>441009621854</td></tr> <tr><td>Option 3 ID :</td><td>441009621851</td></tr> <tr><td>Option 4 ID :</td><td>441009621853</td></tr> <tr><td>Status :</td><td>Not Answered</td></tr> <tr><td>Chosen Option :</td><td>--</td></tr> </table>		Question Type :	MCQ	Question ID :	441009156672	Option 1 ID :	441009621852	Option 2 ID :	441009621854	Option 3 ID :	441009621851	Option 4 ID :	441009621853	Status :	Not Answered	Chosen Option :	--
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Question ID :	441009156672																
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Option 2 ID :	441009621854																
Option 3 ID :	441009621851																
Option 4 ID :	441009621853																
Status :	Not Answered																
Chosen Option :	--																

<p>Q.3</p>	<p>A cube with a mass of 5.74 g occupies a volume of 1.2 cm³. The density (in g/cm³) expressed with the correct number of significant figures is _____.</p>																
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. 4.8</p> <p><input type="checkbox"/> 2. 4.7833</p> <p><input type="checkbox"/> 3. 4.783</p> <p><input type="checkbox"/> 4. 4.78</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>441009160704</td></tr> <tr><td>Option 1 ID :</td><td>441009636602</td></tr> <tr><td>Option 2 ID :</td><td>441009636603</td></tr> <tr><td>Option 3 ID :</td><td>441009636601</td></tr> <tr><td>Option 4 ID :</td><td>441009636604</td></tr> <tr><td>Status :</td><td>Marked For Review</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>		Question Type :	MCQ	Question ID :	441009160704	Option 1 ID :	441009636602	Option 2 ID :	441009636603	Option 3 ID :	441009636601	Option 4 ID :	441009636604	Status :	Marked For Review	Chosen Option :	4
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Option 2 ID :	441009636603																
Option 3 ID :	441009636601																
Option 4 ID :	441009636604																
Status :	Marked For Review																
Chosen Option :	4																
<p>Q.4</p>	<p>The area of a regular polygon with a side of 8 cm is 112 cm². If the perpendicular distance from the centre to the side of the polygon is 7 cm, then the number of sides of the polygon is:</p>																
<p>Ans</p>	<p><input type="checkbox"/> 1. 6</p> <p><input type="checkbox"/> 2. 7</p> <p><input checked="" type="checkbox"/> 3. 4</p> <p><input type="checkbox"/> 4. 5</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>441009153672</td></tr> <tr><td>Option 1 ID :</td><td>441009609860</td></tr> <tr><td>Option 2 ID :</td><td>441009609861</td></tr> <tr><td>Option 3 ID :</td><td>441009609858</td></tr> <tr><td>Option 4 ID :</td><td>441009609859</td></tr> <tr><td>Status :</td><td>Not Answered</td></tr> <tr><td>Chosen Option :</td><td>--</td></tr> </table>		Question Type :	MCQ	Question ID :	441009153672	Option 1 ID :	441009609860	Option 2 ID :	441009609861	Option 3 ID :	441009609858	Option 4 ID :	441009609859	Status :	Not Answered	Chosen Option :	--
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Option 1 ID :	441009609860																
Option 2 ID :	441009609861																
Option 3 ID :	441009609858																
Option 4 ID :	441009609859																
Status :	Not Answered																
Chosen Option :	--																
<p>Q.5</p>	<p>Which of the following noise levels is considered potentially harmful to human health if experienced over extended periods?</p>																
<p>Ans</p>	<p><input type="checkbox"/> 1. 70 dB</p> <p><input type="checkbox"/> 2. 50 dB</p> <p><input checked="" type="checkbox"/> 3. 90 dB</p> <p><input type="checkbox"/> 4. 30 dB</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>441009158544</td></tr> <tr><td>Option 1 ID :</td><td>441009629114</td></tr> <tr><td>Option 2 ID :</td><td>441009629112</td></tr> <tr><td>Option 3 ID :</td><td>441009629113</td></tr> <tr><td>Option 4 ID :</td><td>441009629111</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 :	441009158544	Option 1 ID :	441009629114	Option 2 ID :	441009629112	Option 3 ID :	441009629113	Option 4 ID :	441009629111	Status :	Answered	Chosen Option :	3
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Option 1 ID :	441009629114																
Option 2 ID :	441009629112																
Option 3 ID :	441009629113																
Option 4 ID :	441009629111																
Status :	Answered																
Chosen Option :	3																

Q.6	Which of the following is true?																
Ans	<input checked="" type="checkbox"/> 1. In a kitchen, aluminium vessels are used because aluminium is a good conductor of heat. <input type="checkbox"/> 2. Wood is a good conductor of heat. <input type="checkbox"/> 3. Plastic is a good conductor of heat. <input type="checkbox"/> 4. Both insulators and conductors allow heat to pass through them easily.																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160722</td></tr> <tr><td>Option 1 ID :</td><td>441009636675</td></tr> <tr><td>Option 2 ID :</td><td>441009636676</td></tr> <tr><td>Option 3 ID :</td><td>441009636673</td></tr> <tr><td>Option 4 ID :</td><td>441009636674</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 :	441009160722	Option 1 ID :	441009636675	Option 2 ID :	441009636676	Option 3 ID :	441009636673	Option 4 ID :	441009636674	Status :	Answered	Chosen Option :	1
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Option 1 ID :	441009636675																
Option 2 ID :	441009636676																
Option 3 ID :	441009636673																
Option 4 ID :	441009636674																
Status :	Answered																
Chosen Option :	1																
Q.7	6 men or 5 women can complete a job in 7 days. 6 men work for 5 days and leave. The number of women required to complete the remaining work in 5 days is:																
Ans	<input type="checkbox"/> 1. 1 <input type="checkbox"/> 2. 4 <input checked="" type="checkbox"/> 3. 2 <input type="checkbox"/> 4. 3																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153598</td></tr> <tr><td>Option 1 ID :</td><td>441009609564</td></tr> <tr><td>Option 2 ID :</td><td>441009609565</td></tr> <tr><td>Option 3 ID :</td><td>441009609562</td></tr> <tr><td>Option 4 ID :</td><td>441009609563</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 :	441009153598	Option 1 ID :	441009609564	Option 2 ID :	441009609565	Option 3 ID :	441009609562	Option 4 ID :	441009609563	Status :	Not Attempted and Marked For Review	Chosen Option :	--
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Question ID :	441009153598																
Option 1 ID :	441009609564																
Option 2 ID :	441009609565																
Option 3 ID :	441009609562																
Option 4 ID :	441009609563																
Status :	Not Attempted and Marked For Review																
Chosen Option :	--																
Q.8	A 280 m long train running at a speed of 72 km/hr passes a platform in 30 seconds. Find the length of the platform (in m).																
Ans	<input type="checkbox"/> 1. 280 <input type="checkbox"/> 2. 335 <input checked="" type="checkbox"/> 3. 320 <input type="checkbox"/> 4. 300																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153605</td></tr> <tr><td>Option 1 ID :</td><td>441009609592</td></tr> <tr><td>Option 2 ID :</td><td>441009609593</td></tr> <tr><td>Option 3 ID :</td><td>441009609590</td></tr> <tr><td>Option 4 ID :</td><td>441009609591</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 :	441009153605	Option 1 ID :	441009609592	Option 2 ID :	441009609593	Option 3 ID :	441009609590	Option 4 ID :	441009609591	Status :	Answered	Chosen Option :	3
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Question ID :	441009153605																
Option 1 ID :	441009609592																
Option 2 ID :	441009609593																
Option 3 ID :	441009609590																
Option 4 ID :	441009609591																
Status :	Answered																
Chosen Option :	3																

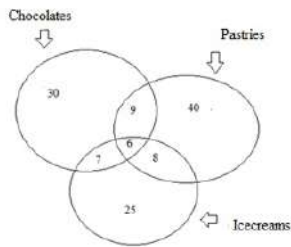
Q.9	What is the primary source of energy for most of the ecosystems?																	
Ans	<div style="display: flex; flex-direction: column; gap: 5px;"> <div><input checked="" type="checkbox"/> 1. Wind</div> <div><input checked="" type="checkbox"/> 2. Sunlight</div> <div><input checked="" type="checkbox"/> 3. Water</div> <div><input checked="" type="checkbox"/> 4. Soil</div> </div>																	
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009158549</td></tr> <tr><td>Option 1 ID :</td><td>441009629134</td></tr> <tr><td>Option 2 ID :</td><td>441009629133</td></tr> <tr><td>Option 3 ID :</td><td>441009629132</td></tr> <tr><td>Option 4 ID :</td><td>441009629131</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 :	441009158549	Option 1 ID :	441009629134	Option 2 ID :	441009629133	Option 3 ID :	441009629132	Option 4 ID :	441009629131	Status :	Answered	Chosen Option :	2
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Question ID :	441009158549																	
Option 1 ID :	441009629134																	
Option 2 ID :	441009629133																	
Option 3 ID :	441009629132																	
Option 4 ID :	441009629131																	
Status :	Answered																	
Chosen Option :	2																	
Q.10	<p>Ganpat starts from Point A and walks 18 m towards west. He takes a left turn, walks 32 m, takes a left turn, walks 26 m, turns left, walks 61 m and stops at Point B. Meena starts from Point Z, which is 22 m towards the east of Point A. She walks 42 m towards north, takes a right turn, walks 35 m, turns right and walks 13 m and stops at Point Y. What is the shortest distance between Point B and Point Y? (All turns are 90-degree turns only.)</p>																	
Ans	<div style="display: flex; flex-direction: column; gap: 5px;"> <div><input checked="" type="checkbox"/> 1. 57 m</div> <div><input checked="" type="checkbox"/> 2. 43 m</div> <div><input checked="" type="checkbox"/> 3. 52 m</div> <div><input checked="" type="checkbox"/> 4. 49 m</div> </div>																	
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160824</td></tr> <tr><td>Option 1 ID :</td><td>441009637020</td></tr> <tr><td>Option 2 ID :</td><td>441009637022</td></tr> <tr><td>Option 3 ID :</td><td>441009637023</td></tr> <tr><td>Option 4 ID :</td><td>441009637021</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 :	441009160824	Option 1 ID :	441009637020	Option 2 ID :	441009637022	Option 3 ID :	441009637023	Option 4 ID :	441009637021	Status :	Not Attempted and Marked For Review	Chosen Option :	--
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Option 3 ID :	441009637023																	
Option 4 ID :	441009637021																	
Status :	Not Attempted and Marked For Review																	
Chosen Option :	--																	

Q.1 In the SI system, which of the following options best describes the base quantities?
1

Ans 1. Distance, speed, acceleration
 2. Temperature, pressure, volume
 3. Length, mass, time
 4. Force, power, energy

Question Type :	MCQ
Question ID :	441009153573
Option 1 ID :	441009609463
Option 2 ID :	441009609465
Option 3 ID :	441009609462
Option 4 ID :	441009609464
Status :	Answered
Chosen Option :	3

Q.1 Study the given diagram carefully and answer the question that follows. The numbers in different sections indicate the number of children preferring different desserts.
2



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

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

Question Type :	MCQ
Question ID :	441009160836
Option 1 ID :	441009637068
Option 2 ID :	441009637069
Option 3 ID :	441009637070
Option 4 ID :	441009637071
Status :	Answered
Chosen Option :	3

Q.1 Each of Preeti, Kiran, Grace, Ankit, Deepak, Nitin and Neelam has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week. Preeti has an exam on Thursday. Only one person has an exam between Preeti and Nitin. Grace has exam on the day immediately before Nitin but not on a Monday. Only two people have exams between Grace and Deepak. Neelam's exam is on one of the days before Ankit's but on one of the days after Kiran's. Who among the following has an exam on Monday?

- Ans
1. Neelam
2. Kiran
3. Nitin
4. Deepak

Question Type : MCQ

Question ID : 441009160830

Option 1 ID : 441009637046

Option 2 ID : 441009637044

Option 3 ID : 441009637047

Option 4 ID : 441009637045

Status : Answered

Chosen Option : 2

Q.1 క్రింది శ్రేణిలో, కేవలం ఒక అక్షర-సమూహము మాత్రమే సరికాదు. సరికాని అక్షర-సమూహాన్ని ఎంచుకోండి.

PCO MEM JGK GIJ DKG AME

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

Question Type : MCQ

Question ID : 441009155649

Option 1 ID : 441009617766

Option 2 ID : 441009617763

Option 3 ID : 441009617765

Option 4 ID : 441009617764

Status : Answered

Chosen Option : 4

Q.1 Four resistors of 4 ohm each are connected in parallel. Four such parallel combinations are then connected in series. The equivalent resistance is _____.

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

Question Type :	MCQ
Question ID :	441009153490
Option 1 ID :	441009609130
Option 2 ID :	441009609133
Option 3 ID :	441009609132
Option 4 ID :	441009609131
Status :	Answered
Chosen Option :	3

Q.1 ₹3,520 కోట్ల చెసిన డజను జతల జీన్స్ 35% డిస్కాంట్ లభిస్తాయి. ₹572 కు ఎన్ని జతల జీన్స్ కొనుగోలు చేయవచ్చు?

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

Question Type :	MCQ
Question ID :	441009160912
Option 1 ID :	441009637354
Option 2 ID :	441009637355
Option 3 ID :	441009637356
Option 4 ID :	441009637353
Status :	Answered
Chosen Option :	3

Q.1 Which of the following statements about geometric figures is/are true?

- 7
1. Geometric shapes are enclosed figures made by joining two or more points, lines, or curves.
 2. Geometric shapes are always open-ended and made up of only straight lines.

- Ans
- 1. Only statement 1 is true
 - 2. Only statement 2 is true
 - 3. Neither statement 1 nor 2 is true
 - 4. Both statements 1 and 2 are true

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

Q.1 8	ఉష్ణోగ్రతను కొలవడానికి ఈ క్రింది వాటిలో ఏ పరికరాన్ని ఉపయోగిస్తారు?																	
Ans	<input checked="" type="checkbox"/> 1. వోల్ట్మీటర్ <input checked="" type="checkbox"/> 2. హైగ్రోమీటర్ <input checked="" type="checkbox"/> 3. థర్మామీటర్ <input checked="" type="checkbox"/> 4. ఓడోమీటర్	<table border="1"> <tbody> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154535</td></tr> <tr><td>Option 1 ID :</td><td>441009613302</td></tr> <tr><td>Option 2 ID :</td><td>441009613303</td></tr> <tr><td>Option 3 ID :</td><td>441009613304</td></tr> <tr><td>Option 4 ID :</td><td>441009613305</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </tbody> </table>	Question Type :	MCQ	Question ID :	441009154535	Option 1 ID :	441009613302	Option 2 ID :	441009613303	Option 3 ID :	441009613304	Option 4 ID :	441009613305	Status :	Answered	Chosen Option :	3
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Option 2 ID :	441009613303																	
Option 3 ID :	441009613304																	
Option 4 ID :	441009613305																	
Status :	Answered																	
Chosen Option :	3																	
Q.1 9	X మరియు Y అనే ఇద్దరు వ్యక్తులకు వారి యజమాని రోజుకు మొత్తం ₹770 చెల్లిస్తారు. ఒకవేళ X కి Y కి చెల్లించే మొత్తంలో 140% చెల్లిస్తే, అప్పుడు Y కి రోజుకు ఎంత చెల్లించబడుతుంది (₹ లో, రెండు దశాంశ స్థానాలకు సరిచెయ్యండి)?																	
Ans	<input checked="" type="checkbox"/> 1. 320.83 <input checked="" type="checkbox"/> 2. 370.83 <input checked="" type="checkbox"/> 3. 270.83 <input checked="" type="checkbox"/> 4. 220.83	<table border="1"> <tbody> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153623</td></tr> <tr><td>Option 1 ID :</td><td>441009609662</td></tr> <tr><td>Option 2 ID :</td><td>441009609665</td></tr> <tr><td>Option 3 ID :</td><td>441009609663</td></tr> <tr><td>Option 4 ID :</td><td>441009609664</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </tbody> </table>	Question Type :	MCQ	Question ID :	441009153623	Option 1 ID :	441009609662	Option 2 ID :	441009609665	Option 3 ID :	441009609663	Option 4 ID :	441009609664	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																	
Question ID :	441009153623																	
Option 1 ID :	441009609662																	
Option 2 ID :	441009609665																	
Option 3 ID :	441009609663																	
Option 4 ID :	441009609664																	
Status :	Answered																	
Chosen Option :	1																	
Q.2 0	Two resistors of resistance 20 Ω and 30 Ω are connected in series in a circuit. What is the current flow in the circuit if the voltage given is 250 V?																	
Ans	<input checked="" type="checkbox"/> 1. 12 A <input checked="" type="checkbox"/> 2. 20 A <input checked="" type="checkbox"/> 3. 8 A <input checked="" type="checkbox"/> 4. 5 A	<table border="1"> <tbody> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153546</td></tr> <tr><td>Option 1 ID :</td><td>441009609354</td></tr> <tr><td>Option 2 ID :</td><td>441009609357</td></tr> <tr><td>Option 3 ID :</td><td>441009609356</td></tr> <tr><td>Option 4 ID :</td><td>441009609355</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </tbody> </table>	Question Type :	MCQ	Question ID :	441009153546	Option 1 ID :	441009609354	Option 2 ID :	441009609357	Option 3 ID :	441009609356	Option 4 ID :	441009609355	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009153546																	
Option 1 ID :	441009609354																	
Option 2 ID :	441009609357																	
Option 3 ID :	441009609356																	
Option 4 ID :	441009609355																	
Status :	Answered																	
Chosen Option :	4																	

Q.2
1 The sum of the ages of Yash and his father is 90 years. When Yash is as old as his father's present age, he will be five times as old as his son Suraj's present age. Suraj will be 12 years older than Yash's present age, when Yash is as old as his father at present. How old is Suraj at present?

- Ans
- 1. 18 years
 - 2. 16 years
 - 3. 15 years
 - 4. 12 years

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

Q.2
2 The rate of doing work is known as _____.

- Ans
- 1. force
 - 2. kinetic energy
 - 3. power
 - 4. potential energy

Question Type :	MCQ
Question ID :	441009153497
Option 1 ID :	441009609161
Option 2 ID :	441009609159
Option 3 ID :	441009609158
Option 4 ID :	441009609160
Status :	Answered
Chosen Option :	3

Q.2
3 Which of the following statements is/are true?
Statement 1: Heat conductors allow heat to pass through them easily.
Statement 2: All plastics are good conductors of heat.

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

Question Type :	MCQ
Question ID :	441009154524
Option 1 ID :	441009613258
Option 2 ID :	441009613261
Option 3 ID :	441009613260
Option 4 ID :	441009613259
Status :	Answered
Chosen Option :	1

Q.2	How many base units are used to measure the physical quantities, according to SI units system?
4	
Ans	✗ 1. 5
	✗ 2. 10
	✗ 3. 4
	✓ 4. 7

Question Type :	MCQ
Question ID :	441009153571
Option 1 ID :	441009609456
Option 2 ID :	441009609454
Option 3 ID :	441009609455
Option 4 ID :	441009609457
Status :	Answered
Chosen Option :	4

Q.2	Work done is defined in science as _____.
5	
Ans	✓ 1. force × displacement
	✗ 2. $\frac{\text{force}}{\text{distance}}$
	✗ 3. $\frac{\text{force}}{\text{displacement}}$
	✗ 4. force × distance

Question Type :	MCQ
Question ID :	441009153502
Option 1 ID :	441009609178
Option 2 ID :	441009609181
Option 3 ID :	441009609180
Option 4 ID :	441009609179
Status :	Answered
Chosen Option :	1

Q.2 ఒక ప్రత్యేక కోడ్ భాషలో, 'CARD' ని '8674' గా మరియు 'MICE' ని '3517' గా కోడ్ చేసినచో, ఇచ్చిన కోడ్ భాషలో 'C' కి కోడ్ ఏమిటి?

6

Ans 1. 6
 2. 7
 3. 1
 4. 8

Question Type :	MCQ
Question ID :	441009160822
Option 1 ID :	441009637014
Option 2 ID :	441009637012
Option 3 ID :	441009637013
Option 4 ID :	441009637015
Status :	Answered
Chosen Option :	2

Q.2 Ten people are sitting in two parallel rows with five people each in such a way that there is equal distance between adjacent persons.

7

In row I, A, B, C, D and E are seated and all of them are facing south.
 In row II, R, S, T, U and V are seated and all of them are facing north.
 Thus each person faces another person from the other row. A sits at the extreme right end of their row and is facing U. R sits at the centre of their row and is facing C. E sits between C and D and is facing T. S sits at the extreme right end of their row.

Who sits exactly opposite B?

Ans 1. V
 2. T
 3. R
 4. U

Question Type :	MCQ
Question ID :	441009155665
Option 1 ID :	441009617827
Option 2 ID :	441009617830
Option 3 ID :	441009617829
Option 4 ID :	441009617828
Status :	Answered
Chosen Option :	1

Q.2 8	The weight of an object on Earth is 60 N. What is its weight on the surface of the moon?																
Ans	<input checked="" type="checkbox"/> 1. 600 N <input checked="" type="checkbox"/> 2. 6 N <input checked="" type="checkbox"/> 3. 10 N <input checked="" type="checkbox"/> 4. 60 N																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153487</td></tr> <tr><td>Option 1 ID :</td><td>441009609119</td></tr> <tr><td>Option 2 ID :</td><td>441009609121</td></tr> <tr><td>Option 3 ID :</td><td>441009609120</td></tr> <tr><td>Option 4 ID :</td><td>441009609118</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>		Question Type :	MCQ	Question ID :	441009153487	Option 1 ID :	441009609119	Option 2 ID :	441009609121	Option 3 ID :	441009609120	Option 4 ID :	441009609118	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009153487																
Option 1 ID :	441009609119																
Option 2 ID :	441009609121																
Option 3 ID :	441009609120																
Option 4 ID :	441009609118																
Status :	Answered																
Chosen Option :	3																
Q.2 9	Which of the following statements is correct about negative work done?																
Ans	<input checked="" type="checkbox"/> 1. Work done is negative when the force is perpendicular to the displacement. <input checked="" type="checkbox"/> 2. Work done is negative when the force and displacement are in the same direction. <input checked="" type="checkbox"/> 3. Work done is negative when the force acts opposite to the direction of displacement. <input checked="" type="checkbox"/> 4. Work done cannot be negative.																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153513</td></tr> <tr><td>Option 1 ID :</td><td>441009609225</td></tr> <tr><td>Option 2 ID :</td><td>441009609222</td></tr> <tr><td>Option 3 ID :</td><td>441009609223</td></tr> <tr><td>Option 4 ID :</td><td>441009609224</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 :	441009153513	Option 1 ID :	441009609225	Option 2 ID :	441009609222	Option 3 ID :	441009609223	Option 4 ID :	441009609224	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009153513																
Option 1 ID :	441009609225																
Option 2 ID :	441009609222																
Option 3 ID :	441009609223																
Option 4 ID :	441009609224																
Status :	Answered																
Chosen Option :	3																
Q.3 0	Simplify $976 \times 265 + 976 \times 735$.																
Ans	<input checked="" type="checkbox"/> 1. 876000 <input checked="" type="checkbox"/> 2. 658200 <input checked="" type="checkbox"/> 3. 752800 <input checked="" type="checkbox"/> 4. 976000																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160926</td></tr> <tr><td>Option 1 ID :</td><td>441009637409</td></tr> <tr><td>Option 2 ID :</td><td>441009637411</td></tr> <tr><td>Option 3 ID :</td><td>441009637410</td></tr> <tr><td>Option 4 ID :</td><td>441009637412</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 :	441009160926	Option 1 ID :	441009637409	Option 2 ID :	441009637411	Option 3 ID :	441009637410	Option 4 ID :	441009637412	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009160926																
Option 1 ID :	441009637409																
Option 2 ID :	441009637411																
Option 3 ID :	441009637410																
Option 4 ID :	441009637412																
Status :	Answered																
Chosen Option :	4																

<p>Q.3 1</p>	<p>Which of the following is the safest method for disposing of toxic dust?</p>																	
<p>Ans</p>	<p>✓ 1. Using specialised hazardous waste disposal containers</p> <p>✗ 2. Dumping it in regular trash bins</p> <p>✗ 3. Releasing it into the air for dilution</p> <p>✗ 4. Sweeping it into open areas</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>441009156583</td></tr> <tr><td>Option 1 ID :</td><td>441009621498</td></tr> <tr><td>Option 2 ID :</td><td>441009621495</td></tr> <tr><td>Option 3 ID :</td><td>441009621496</td></tr> <tr><td>Option 4 ID :</td><td>441009621497</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 :	441009156583	Option 1 ID :	441009621498	Option 2 ID :	441009621495	Option 3 ID :	441009621496	Option 4 ID :	441009621497	Status :	Answered	Chosen Option :	1
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Question ID :	441009156583																	
Option 1 ID :	441009621498																	
Option 2 ID :	441009621495																	
Option 3 ID :	441009621496																	
Option 4 ID :	441009621497																	
Status :	Answered																	
Chosen Option :	1																	
<p>Q.3 2</p>	<p>Which of the following orders of components is primarily responsible for executing instructions, storing permanent firmware, temporarily storing data during program execution and providing a platform for interconnecting hardware components on a computer motherboard?</p>																	
<p>Ans</p>	<p>✓ 1. CPU - RAM - ROM - PCB</p> <p>✗ 2. RAM - ROM - CPU - PCB</p> <p>✗ 3. CPU - ROM - RAM - PCB</p> <p>✗ 4. PCB - ROM - CPU - RAM</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>441009156681</td></tr> <tr><td>Option 1 ID :</td><td>441009621889</td></tr> <tr><td>Option 2 ID :</td><td>441009621888</td></tr> <tr><td>Option 3 ID :</td><td>441009621887</td></tr> <tr><td>Option 4 ID :</td><td>441009621890</td></tr> <tr><td>Status :</td><td>Marked For Review</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>			Question Type :	MCQ	Question ID :	441009156681	Option 1 ID :	441009621889	Option 2 ID :	441009621888	Option 3 ID :	441009621887	Option 4 ID :	441009621890	Status :	Marked For Review	Chosen Option :	1
Question Type :	MCQ																	
Question ID :	441009156681																	
Option 1 ID :	441009621889																	
Option 2 ID :	441009621888																	
Option 3 ID :	441009621887																	
Option 4 ID :	441009621890																	
Status :	Marked For Review																	
Chosen Option :	1																	
<p>Q.3 3</p>	<p>Which of the following relations is NOT correct?</p>																	
<p>Ans</p>	<p>✗ 1. Electric Power = Voltage × Current</p> <p>✗ 2. Electric Power = (Current)² × Resistance</p> <p>✓ 3. Electric Power = Voltage / Current</p> <p>✗ 4. Electric Power = (Voltage)² / Resistance</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>441009153515</td></tr> <tr><td>Option 1 ID :</td><td>441009609230</td></tr> <tr><td>Option 2 ID :</td><td>441009609231</td></tr> <tr><td>Option 3 ID :</td><td>441009609233</td></tr> <tr><td>Option 4 ID :</td><td>441009609232</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>			Question Type :	MCQ	Question ID :	441009153515	Option 1 ID :	441009609230	Option 2 ID :	441009609231	Option 3 ID :	441009609233	Option 4 ID :	441009609232	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																	
Question ID :	441009153515																	
Option 1 ID :	441009609230																	
Option 2 ID :	441009609231																	
Option 3 ID :	441009609233																	
Option 4 ID :	441009609232																	
Status :	Answered																	
Chosen Option :	3																	

Q.3
4 గ్రీంద ఇచ్చిన త్రయంలో, ప్రతి అక్షర సమూహం ఒక నిర్దిష్ట తర్కాన్ని అనుసరిస్తూ ఏ

TERM-ERTM-TMRE

Ans ✓ 1. VICE-ICVE-VECI

✗ 2. USER-RESU-REUS

✗ 3. WHEN-HWEN-WENH

✗ 4. ZERO-EZRO-ZREO

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

Q.3
5 Find the value of $x^2 + y^2$, given the following.
 $x = 7 + \sqrt{5}, y = 7 - \sqrt{5}$

Ans ✗ 1. 96

✗ 2. 137

✓ 3. 108

✗ 4. 124

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

Q.3 6	Which of the following expressions is NOT correct for electric power?																	
Ans	<input checked="" type="checkbox"/> 1. $P = \frac{I^2}{R}$ <input type="checkbox"/> 2. $P = VI$ <input type="checkbox"/> 3. $P = \frac{V^2}{R}$ <input type="checkbox"/> 4. $P = I^2R$																	
		<table border="1"> <tbody> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153535</td></tr> <tr><td>Option 1 ID :</td><td>441009609312</td></tr> <tr><td>Option 2 ID :</td><td>441009609310</td></tr> <tr><td>Option 3 ID :</td><td>441009609311</td></tr> <tr><td>Option 4 ID :</td><td>441009609313</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </tbody> </table>	Question Type :	MCQ	Question ID :	441009153535	Option 1 ID :	441009609312	Option 2 ID :	441009609310	Option 3 ID :	441009609311	Option 4 ID :	441009609313	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																	
Question ID :	441009153535																	
Option 1 ID :	441009609312																	
Option 2 ID :	441009609310																	
Option 3 ID :	441009609311																	
Option 4 ID :	441009609313																	
Status :	Answered																	
Chosen Option :	1																	
Q.3 7	An ammeter of range 0 to 10 A shows a current of 7.5 A. If its true value is 6.2 A, the relative error is _____.																	
Ans	<input type="checkbox"/> 1. 13% <input type="checkbox"/> 2. 17.33% <input type="checkbox"/> 3. 4.8% <input checked="" type="checkbox"/> 4. 20.96%																	
		<table border="1"> <tbody> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160705</td></tr> <tr><td>Option 1 ID :</td><td>441009636607</td></tr> <tr><td>Option 2 ID :</td><td>441009636606</td></tr> <tr><td>Option 3 ID :</td><td>441009636608</td></tr> <tr><td>Option 4 ID :</td><td>441009636605</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </tbody> </table>	Question Type :	MCQ	Question ID :	441009160705	Option 1 ID :	441009636607	Option 2 ID :	441009636606	Option 3 ID :	441009636608	Option 4 ID :	441009636605	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																	
Question ID :	441009160705																	
Option 1 ID :	441009636607																	
Option 2 ID :	441009636606																	
Option 3 ID :	441009636608																	
Option 4 ID :	441009636605																	
Status :	Answered																	
Chosen Option :	2																	
Q.3 8	ఇచ్చిన శ్రేణిలోని ప్రశ్నార్థకం (?) స్థానంలో ఉంచాల్సిన సంఖ్య ఏది? 185 174 163 152 ? 130																	
Ans	<input type="checkbox"/> 1. 143 <input type="checkbox"/> 2. 142 <input checked="" type="checkbox"/> 3. 141 <input type="checkbox"/> 4. 144																	
		<table border="1"> <tbody> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160817</td></tr> <tr><td>Option 1 ID :</td><td>441009636994</td></tr> <tr><td>Option 2 ID :</td><td>441009636993</td></tr> <tr><td>Option 3 ID :</td><td>441009636992</td></tr> <tr><td>Option 4 ID :</td><td>441009636995</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </tbody> </table>	Question Type :	MCQ	Question ID :	441009160817	Option 1 ID :	441009636994	Option 2 ID :	441009636993	Option 3 ID :	441009636992	Option 4 ID :	441009636995	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																	
Question ID :	441009160817																	
Option 1 ID :	441009636994																	
Option 2 ID :	441009636993																	
Option 3 ID :	441009636992																	
Option 4 ID :	441009636995																	
Status :	Answered																	
Chosen Option :	3																	

Q.3 In a hospital, the ratio between the number of doctors and the number of nurses was 1 : 9
3. When 12 new doctors joined the hospital and 24 nurses left the hospital, the ratio became 3 : 4. After the resignation of k more nurses from the hospital, the ratio becomes 1 : 1. Find the value of k.

- Ans
1. 28
2. 12
3. 24
4. 26

Question Type : MCQ

Question ID : 441009153645

Option 1 ID : 441009609753

Option 2 ID : 441009609750

Option 3 ID : 441009609751

Option 4 ID : 441009609752

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.4 If $50 : x :: x : 32$, and $x > 0$, then find the value of x.

- 0
- Ans
1. 45.8
2. 40
3. 40.6
4. 38.7

Question Type : MCQ

Question ID : 441009153613

Option 1 ID : 441009609624

Option 2 ID : 441009609622

Option 3 ID : 441009609625

Option 4 ID : 441009609623

Status : Answered

Chosen Option : 2

Q.4 1 ఇచ్చిన శ్రేణిలోని ప్రశ్నార్థకం (?) స్థానంలో ఉండాలి న సంఖ్య ఏది?

893 891 889 887 ? 883

- Ans
1. 885
2. 886
3. 985
4. 986

Question Type : MCQ

Question ID : 441009160816

Option 1 ID : 441009636989

Option 2 ID : 441009636988

Option 3 ID : 441009636991

Option 4 ID : 441009636990

Status : Answered

Chosen Option : 1

Q.4 An ammeter has 20 divisions between 0 A and 2 A. The least count of ammeter is 2 _____.

Ans 1. 0.1 A
 2. 1 A
 3. 0.2 A
 4. 2 A

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

Q.4 Which of the following statements regarding the use of a fire extinguisher is/are correct?
 3
 Statement 1: It is safe to attempt to extinguish any fire regardless of the presence of toxic smoke.
 Statement 2: The P.A.S.S. technique, which stands for Pull, Aim, Squeeze and Sweep, is recommended for the effective use of a fire extinguisher.

Ans 1. Only Statement 1 is correct.
 2. Only Statement 2 is correct.
 3. Both Statements 1 and 2 are correct.
 4. Neither Statement 1 nor 2 is correct.

Question Type :	MCQ
Question ID :	441009156616
Option 1 ID :	441009621627
Option 2 ID :	441009621628
Option 3 ID :	441009621629
Option 4 ID :	441009621630
Status :	Not Attempted and Marked For Review
Chosen Option :	--

Q.4	A cistern has two inlets I_1 and I_2 . I_1 alone can fill it in 8 hours and I_2 in 4 hours. If both the inlets are open, what will be the time required to fill the cistern.																
4																	
Ans	<input checked="" type="checkbox"/> 1. $2\frac{2}{3}$ hours <input type="checkbox"/> 2. $3\frac{2}{3}$ hours <input type="checkbox"/> 3. $4\frac{2}{3}$ hours <input type="checkbox"/> 4. 2 hours																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153650</td></tr> <tr><td>Option 1 ID :</td><td>441009609772</td></tr> <tr><td>Option 2 ID :</td><td>441009609771</td></tr> <tr><td>Option 3 ID :</td><td>441009609770</td></tr> <tr><td>Option 4 ID :</td><td>441009609773</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>		Question Type :	MCQ	Question ID :	441009153650	Option 1 ID :	441009609772	Option 2 ID :	441009609771	Option 3 ID :	441009609770	Option 4 ID :	441009609773	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009153650																
Option 1 ID :	441009609772																
Option 2 ID :	441009609771																
Option 3 ID :	441009609770																
Option 4 ID :	441009609773																
Status :	Answered																
Chosen Option :	1																
Q.4	Kinetic energy and potential energy together are called which form of energy?																
5																	
Ans	<input type="checkbox"/> 1. Chemical <input checked="" type="checkbox"/> 2. Mechanical <input type="checkbox"/> 3. Thermal <input type="checkbox"/> 4. Nuclear																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153519</td></tr> <tr><td>Option 1 ID :</td><td>441009609248</td></tr> <tr><td>Option 2 ID :</td><td>441009609247</td></tr> <tr><td>Option 3 ID :</td><td>441009609249</td></tr> <tr><td>Option 4 ID :</td><td>441009609246</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 :	441009153519	Option 1 ID :	441009609248	Option 2 ID :	441009609247	Option 3 ID :	441009609249	Option 4 ID :	441009609246	Status :	Answered	Chosen Option :	2
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Question ID :	441009153519																
Option 1 ID :	441009609248																
Option 2 ID :	441009609247																
Option 3 ID :	441009609249																
Option 4 ID :	441009609246																
Status :	Answered																
Chosen Option :	2																
Q.4	A fruit seller initially had some apples. He sold 40% of those and still had 300 apples.																
6	How many apples did he initially have?																
Ans	<input type="checkbox"/> 1. 750 <input type="checkbox"/> 2. 600 <input type="checkbox"/> 3. 450 <input checked="" type="checkbox"/> 4. 500																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160918</td></tr> <tr><td>Option 1 ID :</td><td>441009637378</td></tr> <tr><td>Option 2 ID :</td><td>441009637380</td></tr> <tr><td>Option 3 ID :</td><td>441009637379</td></tr> <tr><td>Option 4 ID :</td><td>441009637377</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 :	441009160918	Option 1 ID :	441009637378	Option 2 ID :	441009637380	Option 3 ID :	441009637379	Option 4 ID :	441009637377	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009160918																
Option 1 ID :	441009637378																
Option 2 ID :	441009637380																
Option 3 ID :	441009637379																
Option 4 ID :	441009637377																
Status :	Answered																
Chosen Option :	4																

Q.4 7	What is the term used to describe organisms that produce their own food in an ecosystem?
Ans	<input checked="" type="checkbox"/> 1. Consumers <input checked="" type="checkbox"/> 2. Herbivores <input checked="" type="checkbox"/> 3. Producers <input checked="" type="checkbox"/> 4. Decomposers

Question Type :	MCQ
Question ID :	441009158548
Option 1 ID :	441009629130
Option 2 ID :	441009629128
Option 3 ID :	441009629127
Option 4 ID :	441009629129
Status :	Answered
Chosen Option :	3

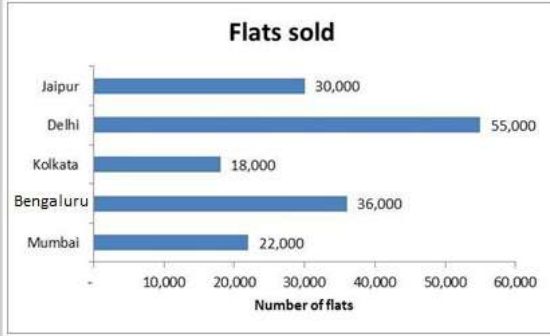
Q.4 8	Which of the following is the best way to identify workplace hazards?
Ans	<input checked="" type="checkbox"/> 1. Relying on employees to report accidents <input checked="" type="checkbox"/> 2. Ignoring small risks <input checked="" type="checkbox"/> 3. Waiting for an incident to occur <input checked="" type="checkbox"/> 4. Conducting regular safety inspections

Question Type :	MCQ
Question ID :	441009156594
Option 1 ID :	441009621541
Option 2 ID :	441009621540
Option 3 ID :	441009621542
Option 4 ID :	441009621539
Status :	Answered
Chosen Option :	4

Q.4 Study the given bar-graph and answer the question that follows.

9

The given bar-graph indicates the number of flats sold by a builder in five different cities in 2020.



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

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


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

Q.5 :: కి ఎడమవైపున గల అక్షర సమూహ జత మధ్య గల నమూనా మరియు సంబంధమే :: కి కుడివైపు గల అక్షర సమూహ జత మధ్య కూడా ఉండేలా, క్రింది అక్షర సమూహాలలో # మరియు % లను ఏది భర్తీ చేయాలి?

: HDI :: MIN : %

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

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

Q.5 1	Which of the following is a geometrical figure with a three-dimensional geometry that has eight vertices and six rectangular faces?																
Ans	<input checked="" type="checkbox"/> 1. Pyramid <input checked="" type="checkbox"/> 2. Parallelogram <input checked="" type="checkbox"/> 3. Cylinder <input checked="" type="checkbox"/> 4. Cuboid																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156543</td></tr> <tr><td>Option 1 ID :</td><td>441009621338</td></tr> <tr><td>Option 2 ID :</td><td>441009621336</td></tr> <tr><td>Option 3 ID :</td><td>441009621335</td></tr> <tr><td>Option 4 ID :</td><td>441009621337</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 :	441009156543	Option 1 ID :	441009621338	Option 2 ID :	441009621336	Option 3 ID :	441009621335	Option 4 ID :	441009621337	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009156543																
Option 1 ID :	441009621338																
Option 2 ID :	441009621336																
Option 3 ID :	441009621335																
Option 4 ID :	441009621337																
Status :	Answered																
Chosen Option :	2																
Q.5 2	What does the symbol given below denote in a circuit diagram? 																
Ans	<input checked="" type="checkbox"/> 1. Voltage source <input checked="" type="checkbox"/> 2. Resistor <input checked="" type="checkbox"/> 3. Voltmeter <input checked="" type="checkbox"/> 4. Variable resistor																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160703</td></tr> <tr><td>Option 1 ID :</td><td>441009636600</td></tr> <tr><td>Option 2 ID :</td><td>441009636597</td></tr> <tr><td>Option 3 ID :</td><td>441009636598</td></tr> <tr><td>Option 4 ID :</td><td>441009636599</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 :	441009160703	Option 1 ID :	441009636600	Option 2 ID :	441009636597	Option 3 ID :	441009636598	Option 4 ID :	441009636599	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009160703																
Option 1 ID :	441009636600																
Option 2 ID :	441009636597																
Option 3 ID :	441009636598																
Option 4 ID :	441009636599																
Status :	Answered																
Chosen Option :	4																
Q.5 3	What is the total circuit resistance if it contains resistors 10 Ω, 20 Ω and 60 Ω, connected in parallel?																
Ans	<input checked="" type="checkbox"/> 1. 60 Ω <input checked="" type="checkbox"/> 2. 20 Ω <input checked="" type="checkbox"/> 3. 6 Ω <input checked="" type="checkbox"/> 4. 90 Ω																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160690</td></tr> <tr><td>Option 1 ID :</td><td>441009636546</td></tr> <tr><td>Option 2 ID :</td><td>441009636548</td></tr> <tr><td>Option 3 ID :</td><td>441009636545</td></tr> <tr><td>Option 4 ID :</td><td>441009636547</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 :	441009160690	Option 1 ID :	441009636546	Option 2 ID :	441009636548	Option 3 ID :	441009636545	Option 4 ID :	441009636547	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009160690																
Option 1 ID :	441009636546																
Option 2 ID :	441009636548																
Option 3 ID :	441009636545																
Option 4 ID :	441009636547																
Status :	Answered																
Chosen Option :	3																

Q.5 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. D lives on an odd-numbered floor but not 3. The sum of floors on which D and E live is 7. A lives immediately below C. F lives on the top floor. How many people live between E and F?

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

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

Q.5 Vijay rides a bicycle 10 m from home to his tuition, then 5 m to a shop. He travels back home the same way, covering the same distance. What is his total path length?

- Ans**
- 1. 30 m
 - 2. Zero
 - 3. 20 m
 - 4. 15 m

Question Type :	MCQ
Question ID :	441009153495
Option 1 ID :	441009609150
Option 2 ID :	441009609151
Option 3 ID :	441009609153
Option 4 ID :	441009609152
Status :	Answered
Chosen Option :	1

Q.5 If $x^3 + y^3 = 16$ and $x + y = 4$, what is the value of xy ?

- Ans**
- 1. 4
 - 2. 2
 - 3. 3
 - 4. 0

Question Type :	MCQ
Question ID :	441009153592
Option 1 ID :	441009609541
Option 2 ID :	441009609539
Option 3 ID :	441009609538
Option 4 ID :	441009609540
Status :	Answered
Chosen Option :	1

Q.5 Amit's income in 2019 was ₹27,000. He gets an increment of 10% every year. What was his income (in ₹) in 2021?

- Ans
- 1. 27,000
 - 2. 32,400
 - 3. 32,670
 - 4. 29,700

Question Type : MCQ

Question ID : 441009153619

Option 1 ID : 441009609649

Option 2 ID : 441009609648

Option 3 ID : 441009609646

Option 4 ID : 441009609647

Status : Answered

Chosen Option : 3

Q.5 On which of the following factors does the resistivity of a conductor depend?

- Ans
- 1. Diameter of the conductor
 - 2. Area of the conductor
 - 3. Mass of the conductor
 - 4. Nature of the conductor

Question Type : MCQ

Question ID : 441009153538

Option 1 ID : 441009609322

Option 2 ID : 441009609324

Option 3 ID : 441009609325

Option 4 ID : 441009609323

Status : Answered

Chosen Option : 2

Q.5 ఇచ్చిన ఆల్ఫా-స్కామరిక్ శ్రేణిలోని ప్రకారం (?) స్థానంలో ఏమి రావాలి?
G5, I10, L15, N20, Q25, S30, ?

- Ans
- 1. V35
 - 2. V40
 - 3. U35
 - 4. W35

Question Type : MCQ

Question ID : 441009155675

Option 1 ID : 441009617868

Option 2 ID : 441009617867

Option 3 ID : 441009617869

Option 4 ID : 441009617870

Status : Answered

Chosen Option : 1

Q.6 ఆంగ్ల అక్షర క్రమం ఆధారంగా, క్రింద ఇచ్చిన నాలుగు అక్షర-సమూహ జతల్లో మూడు ఒక నిర్దిష్ట మార్గంలో ఒకే విధంగా ఉంటూ, తద్వారా ఒక సముదాయంగా ఏర్పడుతాయి. ఆ సముదాయానికి చెందిన అక్షర-సమూహ జత ఏది?
(గమనిక: భిన్నమైన పదం హల్లులు /అచ్చుల సంఖ్య లేదా అక్షర-సమూహంలో వాటి స్థానంపై ఆధారపడి ఉండదు.)

- Ans
- 1. LRTY
 - 2. FLNS
 - 3. GMOT
 - 4. NTVB

Question Type : MCQ

Question ID : 441009160826

Option 1 ID : 441009637030

Option 2 ID : 441009637028

Option 3 ID : 441009637031

Option 4 ID : 441009637029

Status : Answered

Chosen Option : 4

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

- 1
- Ans
- 1. Chemical energy
 - 2. Mechanical energy
 - 3. Light energy
 - 4. Heat energy

Question Type : MCQ

Question ID : 441009153501

Option 1 ID : 441009609176

Option 2 ID : 441009609175

Option 3 ID : 441009609177

Option 4 ID : 441009609174

Status : Answered

Chosen Option : 2

Q.6 ఒక నిర్దిష్ట కోడ్ భాషలో, 'BARE' అనేది '8264' గా మరియు 'RIDS' అనేది '3587' గా కోడ్ చేసినట్లు, ఇచ్చిన భాషలో 'R' ఎలా కోడ్ చేయబడుతుంది?

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

Question Type : MCQ

Question ID : 441009155629

Option 1 ID : 441009617684

Option 2 ID : 441009617683

Option 3 ID : 441009617686

Option 4 ID : 441009617685

Status : Answered

Chosen Option : 2

Q.6 3	A piece of rod $\frac{8}{9}$ metre long is broken into two pieces. If one piece is																
Ans	<div style="border: 1px solid gray; width: 100%; height: 15px; background-color: #ccc; margin-bottom: 5px;"></div> <ul style="list-style-type: none"> <li style="margin-bottom: 5px;"><input checked="" type="checkbox"/> 1. $\frac{5}{9}$ <li style="margin-bottom: 5px;"><input type="checkbox"/> 2. $\frac{7}{9}$ <li style="margin-bottom: 5px;"><input type="checkbox"/> 3. $\frac{2}{9}$ <li style="margin-bottom: 5px;"><input type="checkbox"/> 4. $\frac{4}{9}$ 																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153659</td></tr> <tr><td>Option 1 ID :</td><td>441009609807</td></tr> <tr><td>Option 2 ID :</td><td>441009609806</td></tr> <tr><td>Option 3 ID :</td><td>441009609808</td></tr> <tr><td>Option 4 ID :</td><td>441009609809</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 :	441009153659	Option 1 ID :	441009609807	Option 2 ID :	441009609806	Option 3 ID :	441009609808	Option 4 ID :	441009609809	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009609806																
Option 3 ID :	441009609808																
Option 4 ID :	441009609809																
Status :	Answered																
Chosen Option :	1																
Q.6 4	A man purchased two varieties of pens at the rates of ₹8 for 9 pens and ₹8 per pen. If he purchased an equal number of pens of each of the two varieties and then sold all his pens at ₹6 per pen, what was his profit percentage?																
Ans	<ul style="list-style-type: none"> <li style="margin-bottom: 5px;"><input type="checkbox"/> 1. 32% <li style="margin-bottom: 5px;"><input type="checkbox"/> 2. 45% <li style="margin-bottom: 5px;"><input checked="" type="checkbox"/> 3. 35% <li style="margin-bottom: 5px;"><input type="checkbox"/> 4. 33% 																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160914</td></tr> <tr><td>Option 1 ID :</td><td>441009637363</td></tr> <tr><td>Option 2 ID :</td><td>441009637364</td></tr> <tr><td>Option 3 ID :</td><td>441009637361</td></tr> <tr><td>Option 4 ID :</td><td>441009637362</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 :	441009160914	Option 1 ID :	441009637363	Option 2 ID :	441009637364	Option 3 ID :	441009637361	Option 4 ID :	441009637362	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009160914																
Option 1 ID :	441009637363																
Option 2 ID :	441009637364																
Option 3 ID :	441009637361																
Option 4 ID :	441009637362																
Status :	Answered																
Chosen Option :	3																

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

Statements:

- I. Some desks are tables.
- II. All tables are cabinets.
- III. All cabinets are beds.

Conclusions:

- I. Some beds are tables.
- II. All cabinets are desks.

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

Question Type :	MCQ
Question ID :	441009155681
Option 1 ID :	441009617894
Option 2 ID :	441009617891
Option 3 ID :	441009617892
Option 4 ID :	441009617893
Status :	Answered
Chosen Option :	2

Q.6
 6 In a certain code language,

- 'A + B' means 'A is the mother of B',
- 'A - B' means 'A is the brother of B',
- 'A × B' means 'A is the wife of B' and
- 'A & B' means 'A is the father of B'.

How is E related to T if 'E & F + G - H × T'?

- Ans**
- 1. Wife's father
 - 2. Wife's brother
 - 3. Wife's mother's father
 - 4. Wife's mother's brother

Question Type :	MCQ
Question ID :	441009160829
Option 1 ID :	441009637043
Option 2 ID :	441009637041
Option 3 ID :	441009637040
Option 4 ID :	441009637042
Status :	Answered
Chosen Option :	3

Q.6 Which of the following is a supplementary protocol that allows non-ASCII data to be sent through e-mail?

- Ans
- 1. HTTPS
 - 2. DNS
 - 3. Multipurpose Internet Mail Extensions (MIME)
 - 4. Mailing Lists

Question Type : MCQ

Question ID : 441009160893

Option 1 ID : 441009637279

Option 2 ID : 441009637278

Option 3 ID : 441009637280

Option 4 ID : 441009637277

Status : Not Answered

Chosen Option : --

Q.6 ISO-A పైజు సిరీస్ ప్రకారం, 297 mm × 420 mm కొలతలు కలిగిన ట్రిమ్ చేయబడిన షీట్ యొక్క డెసిగ్నేషన్ ఏమిటి?

- Ans
- 1. A3
 - 2. A2
 - 3. A4
 - 4. A1

Question Type : MCQ

Question ID : 441009156565

Option 1 ID : 441009621425

Option 2 ID : 441009621424

Option 3 ID : 441009621426

Option 4 ID : 441009621423

Status : Answered

Chosen Option : 1

Q.6 SI యూనిట్లలో 10 km/hr విలువ ఎంత?

- Ans
- 1. 0.16 m/s
 - 2. 1000 m/s
 - 3. 2.7 m/s
 - 4. 10 m/s

Question Type : MCQ

Question ID : 441009153561

Option 1 ID : 441009609416

Option 2 ID : 441009609415

Option 3 ID : 441009609417

Option 4 ID : 441009609414

Status : Answered

Chosen Option : 3

Q.7 Refer to the following letter and symbol series and answer the question that follows.
0 Counting to be done from left to right only.
 (Left) ^ T J # * £ B L R Ω Y # E % S U \$ K Q & (Right)
 How many such letters are there, each of which is immediately preceded by a letter and also immediately followed by a symbol?

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

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

Q.7 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?
1 (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- 1. HO – QW
 - 2. AH – JR
 - 3. GN – PV
 - 4. JQ – SY

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



Q.7 A copper spoon is dipped in hot water. What happens to its other end?
2

Ans 1. It becomes cold by conduction.
 2. It becomes hot by conduction.
 3. It becomes cold by convection.
 4. It becomes hot by convection.

Question Type :	MCQ
Question ID :	441009160725
Option 1 ID :	441009636685
Option 2 ID :	441009636686
Option 3 ID :	441009636688
Option 4 ID :	441009636687
Status :	Answered
Chosen Option :	2

Q.7 Match the columns.
3

Engineering Applications Type of Engineering Drawings
A) Plan, front elevation of homes to be built, foundation drawings P) Mechanical Engineering Drawings
B) Circuit diagrams and Electrical installation drawings Q) Electronics Engineering drawings
C) PCB tracks drawings R) Electrical Engineering drawings
D) Riveted joints and Welded joints S) Civil Engineering drawings

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

Question Type :	MCQ
Question ID :	441009156554
Option 1 ID :	441009621382
Option 2 ID :	441009621379
Option 3 ID :	441009621380
Option 4 ID :	441009621381
Status :	Answered
Chosen Option :	2

Q.7 4	Which of the following will verify the credentials and documents of applicants uploaded on National Scholarship Portal?																
Ans	<input checked="" type="checkbox"/> 1. Third party <input checked="" type="checkbox"/> 2. University/Institute in which applicant is studying <input checked="" type="checkbox"/> 3. National Scholarship Portal <input checked="" type="checkbox"/> 4. Government																
<table border="1"> <tbody> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156689</td></tr> <tr><td>Option 1 ID :</td><td>441009621922</td></tr> <tr><td>Option 2 ID :</td><td>441009621921</td></tr> <tr><td>Option 3 ID :</td><td>441009621920</td></tr> <tr><td>Option 4 ID :</td><td>441009621919</td></tr> <tr><td>Status :</td><td>Not Answered</td></tr> <tr><td>Chosen Option :</td><td>--</td></tr> </tbody> </table>		Question Type :	MCQ	Question ID :	441009156689	Option 1 ID :	441009621922	Option 2 ID :	441009621921	Option 3 ID :	441009621920	Option 4 ID :	441009621919	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009156689																
Option 1 ID :	441009621922																
Option 2 ID :	441009621921																
Option 3 ID :	441009621920																
Option 4 ID :	441009621919																
Status :	Not Answered																
Chosen Option :	--																
Q.7 5	The average of three numbers is 20. If two numbers are 16 and 24, the third number is:																
Ans	<input checked="" type="checkbox"/> 1. 22 <input checked="" type="checkbox"/> 2. 20 <input checked="" type="checkbox"/> 3. 21 <input checked="" type="checkbox"/> 4. 19																
<table border="1"> <tbody> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153633</td></tr> <tr><td>Option 1 ID :</td><td>441009609705</td></tr> <tr><td>Option 2 ID :</td><td>441009609702</td></tr> <tr><td>Option 3 ID :</td><td>441009609704</td></tr> <tr><td>Option 4 ID :</td><td>441009609703</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </tbody> </table>		Question Type :	MCQ	Question ID :	441009153633	Option 1 ID :	441009609705	Option 2 ID :	441009609702	Option 3 ID :	441009609704	Option 4 ID :	441009609703	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009153633																
Option 1 ID :	441009609705																
Option 2 ID :	441009609702																
Option 3 ID :	441009609704																
Option 4 ID :	441009609703																
Status :	Answered																
Chosen Option :	2																
Q.7 6	1 కిలోవాట్ అవర్ (kW h) ను జూల్‌గా మార్చండి.																
Ans	<input checked="" type="checkbox"/> 1. $1 \text{ kW h} = 3.6 \times 10^3 \text{ J}$ <input checked="" type="checkbox"/> 2. $1 \text{ kW h} = 3.6 \times 10^6 \text{ J}$ <input checked="" type="checkbox"/> 3. $1 \text{ kW h} = 3.6 \times 10^7 \text{ J}$ <input checked="" type="checkbox"/> 4. $1 \text{ kW h} = 3.6 \times 10^5 \text{ J}$																
<table border="1"> <tbody> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153504</td></tr> <tr><td>Option 1 ID :</td><td>441009609187</td></tr> <tr><td>Option 2 ID :</td><td>441009609186</td></tr> <tr><td>Option 3 ID :</td><td>441009609188</td></tr> <tr><td>Option 4 ID :</td><td>441009609189</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </tbody> </table>		Question Type :	MCQ	Question ID :	441009153504	Option 1 ID :	441009609187	Option 2 ID :	441009609186	Option 3 ID :	441009609188	Option 4 ID :	441009609189	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009153504																
Option 1 ID :	441009609187																
Option 2 ID :	441009609186																
Option 3 ID :	441009609188																
Option 4 ID :	441009609189																
Status :	Answered																
Chosen Option :	2																

<p>Q.7 7</p>	<p>Which of the following is the work done by the gravitational force on the object of mass 50 kg when the object is moved from one point to another point along a horizontal line ($g = 10 \text{ m/s}^2$)?</p>
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. -500 J</p> <p><input checked="" type="checkbox"/> 2. Zero</p> <p><input checked="" type="checkbox"/> 3. 50 J</p> <p><input checked="" type="checkbox"/> 4. 500 J</p>

Question Type : MCQ
Question ID : 441009160699
Option 1 ID : 441009636582
Option 2 ID : 441009636584
Option 3 ID : 441009636583
Option 4 ID : 441009636581
Status : Answered
Chosen Option : 2

<p>Q.7 8</p>	<p>The areas of three adjacent faces of a solid cuboid are 216 cm^2, 114 cm^2 and 19 cm^2. What is the volume (in cm^3) of the cuboid?</p>
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. 955</p> <p><input checked="" type="checkbox"/> 2. 532</p> <p><input checked="" type="checkbox"/> 3. 684</p> <p><input checked="" type="checkbox"/> 4. 880</p>

Question Type : MCQ
Question ID : 441009160927
Option 1 ID : 441009637415
Option 2 ID : 441009637416
Option 3 ID : 441009637413
Option 4 ID : 441009637414
Status : Not Answered
Chosen Option : --

Q.7 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. Only two people sit between P and Q. A faces the person sitting to the immediate left of P. R sits to the immediate left of S. D sits to the immediate right of C. Who among the following faces P?

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

Question Type : MCQ

Question ID : 441009160825

Option 1 ID : 441009637024

Option 2 ID : 441009637027

Option 3 ID : 441009637026

Option 4 ID : 441009637025

Status : Answered

Chosen Option : 4

Q.8 0 మానవ శరీర సగటు ఉష్ణోగ్రత ఎంత?

- Ans
1. 32°C
2. 37°C
3. 42°C
4. 40°C

Question Type : MCQ

Question ID : 441009160727

Option 1 ID : 441009636693

Option 2 ID : 441009636695

Option 3 ID : 441009636694

Option 4 ID : 441009636696

Status : Answered

Chosen Option : 2

<p>Q.8 1</p>	<p>Which of the following statements is/are true about Functional Dimensions (F) in engineering drawing?</p> <p>Statement 1: Functional Dimensions are essential to the function of the component or space. Statement 2: Functional Dimensions are typically shown without limits. Statement 3: Functional Dimensions are only shown for reference purposes.</p>																	
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. Only statement 1 is true</p> <p><input type="checkbox"/> 2. Only statements 1 and 2 are true</p> <p><input type="checkbox"/> 3. Only statement 3 is true</p> <p><input type="checkbox"/> 4. Only statements 2 and 3 are 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>441009156568</td></tr> <tr><td>Option 1 ID :</td><td>441009621435</td></tr> <tr><td>Option 2 ID :</td><td>441009621436</td></tr> <tr><td>Option 3 ID :</td><td>441009621438</td></tr> <tr><td>Option 4 ID :</td><td>441009621437</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 :	441009156568	Option 1 ID :	441009621435	Option 2 ID :	441009621436	Option 3 ID :	441009621438	Option 4 ID :	441009621437	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																	
Question ID :	441009156568																	
Option 1 ID :	441009621435																	
Option 2 ID :	441009621436																	
Option 3 ID :	441009621438																	
Option 4 ID :	441009621437																	
Status :	Not Answered																	
Chosen Option :	--																	
<p>Q.8 2</p>	<p>Which of the following is NOT a benefit of use of mobile governance using ICT?</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. Improved access to government services for citizens</p> <p><input checked="" type="checkbox"/> 2. Reduced costs for the government</p> <p><input type="checkbox"/> 3. Increased efficiency in government processes</p> <p><input type="checkbox"/> 4. Increased transparency and accountability in the government</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>441009156688</td></tr> <tr><td>Option 1 ID :</td><td>441009621916</td></tr> <tr><td>Option 2 ID :</td><td>441009621918</td></tr> <tr><td>Option 3 ID :</td><td>441009621915</td></tr> <tr><td>Option 4 ID :</td><td>441009621917</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 :	441009156688	Option 1 ID :	441009621916	Option 2 ID :	441009621918	Option 3 ID :	441009621915	Option 4 ID :	441009621917	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																	
Question ID :	441009156688																	
Option 1 ID :	441009621916																	
Option 2 ID :	441009621918																	
Option 3 ID :	441009621915																	
Option 4 ID :	441009621917																	
Status :	Answered																	
Chosen Option :	1																	

Q.8 Which type of thermometer is used for measuring the internal temperature of ice?
3

Ans 1. Digital thermometer
 2. Infrared thermometer
 3. Laboratory thermometer
 4. Clinical thermometer

Question Type :	MCQ
Question ID :	441009154533
Option 1 ID :	441009613296
Option 2 ID :	441009613297
Option 3 ID :	441009613295
Option 4 ID :	441009613294
Status :	Not Attempted and Marked For Review
Chosen Option :	--

Q.8 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.
4

Statements:
 Some bananas are litchis.
 All litchis are kiwis.
 Some kiwis are strawberries.

Conclusions:
 1. All bananas being kiwis is a possibility.
 2. All kiwis are litchis.

Ans 1. Only conclusion 2 follows
 2. Both conclusions 1 and 2 follow
 3. Neither conclusion 1 nor 2 follows
 4. Only conclusion 1 follows

Question Type :	MCQ
Question ID :	441009160828
Option 1 ID :	441009637037
Option 2 ID :	441009637038
Option 3 ID :	441009637039
Option 4 ID :	441009637036
Status :	Answered
Chosen Option :	4

Q.8 Which of the following is NOT a valid representation of electrical power P in a circuit?
5 (The current, potential difference and resistance are written symbolically as I, V and R, respectively.)

Ans

- 1. $P = I^2R$
- 2. $P = V^2/R$
- 3. $P = IR^2$
- 4. $P = VI$

Question Type :	MCQ
Question ID :	441009153503
Option 1 ID :	441009609183
Option 2 ID :	441009609185
Option 3 ID :	441009609184
Option 4 ID :	441009609182
Status :	Answered
Chosen Option :	3

Q.8 If A is an acute angle and $p \tan A = n \sec A$, then what is the value of $\frac{p^2 - n^2}{pn}$?

6

Ans

- 1. $\cot A \cdot \cos A$
- 2. $\frac{p^2 - n^2}{pn} = \frac{1 - \sin^2 A}{\sin A} = \cos A \cot A$
- 3. $\sin A \cdot \cos A$
- 4. $\frac{\tan A}{\sec A}$

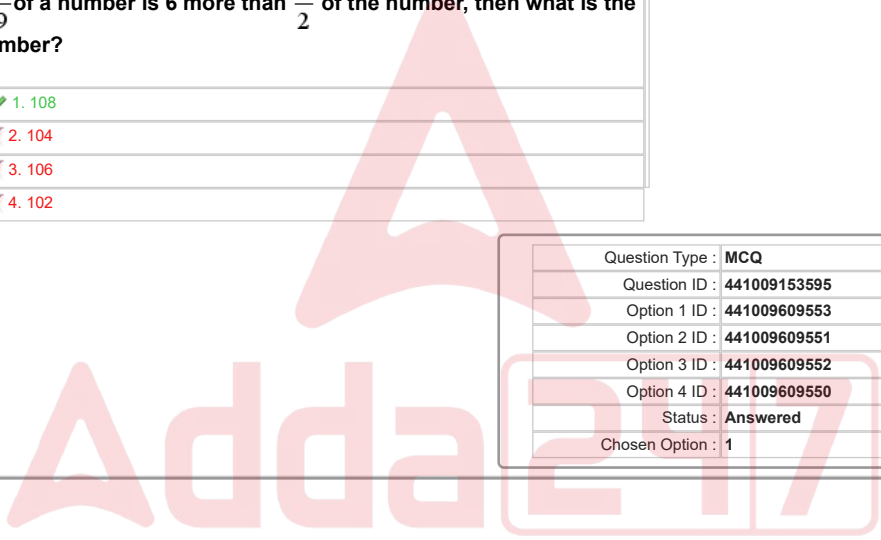
Question Type :	MCQ
Question ID :	441009160929
Option 1 ID :	441009637421
Option 2 ID :	441009637424
Option 3 ID :	441009637422
Option 4 ID :	441009637423
Status :	Not Answered
Chosen Option :	--

Q.8 7	The average of 5 results is 51 and that of the first 4 is 50. The 5 th result is _____.
Ans	<input checked="" type="checkbox"/> 1. 50
	<input checked="" type="checkbox"/> 2. 51
	<input checked="" type="checkbox"/> 3. 54
	<input checked="" type="checkbox"/> 4. 55

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

Q.8 8	If $\frac{5}{9}$ of a number is 6 more than $\frac{1}{2}$ of the number, then what is the number?
Ans	<input checked="" type="checkbox"/> 1. 108
	<input checked="" type="checkbox"/> 2. 104
	<input checked="" type="checkbox"/> 3. 106
	<input checked="" type="checkbox"/> 4. 102

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



Q.8	Which of the following ecosystems has very low temperatures and frozen soil?																
9																	
Ans	<input checked="" type="checkbox"/> 1. Grassland <input checked="" type="checkbox"/> 2. Desert <input checked="" type="checkbox"/> 3. Tundra <input checked="" type="checkbox"/> 4. Tropical rainforest																
<table border="1"> <tr> <td>Question Type :</td> <td>MCQ</td> </tr> <tr> <td>Question ID :</td> <td>441009158547</td> </tr> <tr> <td>Option 1 ID :</td> <td>441009629126</td> </tr> <tr> <td>Option 2 ID :</td> <td>441009629123</td> </tr> <tr> <td>Option 3 ID :</td> <td>441009629124</td> </tr> <tr> <td>Option 4 ID :</td> <td>441009629125</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 :	441009158547	Option 1 ID :	441009629126	Option 2 ID :	441009629123	Option 3 ID :	441009629124	Option 4 ID :	441009629125	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009158547																
Option 1 ID :	441009629126																
Option 2 ID :	441009629123																
Option 3 ID :	441009629124																
Option 4 ID :	441009629125																
Status :	Answered																
Chosen Option :	3																
Q.9	Rinku riding his car covers 136 metres in 17 seconds. What is his speed (in km/hr)?																
0																	
Ans	<input checked="" type="checkbox"/> 1. 17 <input checked="" type="checkbox"/> 2. 26 <input checked="" type="checkbox"/> 3. 28.8 <input checked="" type="checkbox"/> 4. 11.6																
<table border="1"> <tr> <td>Question Type :</td> <td>MCQ</td> </tr> <tr> <td>Question ID :</td> <td>441009153636</td> </tr> <tr> <td>Option 1 ID :</td> <td>441009609714</td> </tr> <tr> <td>Option 2 ID :</td> <td>441009609716</td> </tr> <tr> <td>Option 3 ID :</td> <td>441009609715</td> </tr> <tr> <td>Option 4 ID :</td> <td>441009609717</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 :	441009153636	Option 1 ID :	441009609714	Option 2 ID :	441009609716	Option 3 ID :	441009609715	Option 4 ID :	441009609717	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009153636																
Option 1 ID :	441009609714																
Option 2 ID :	441009609716																
Option 3 ID :	441009609715																
Option 4 ID :	441009609717																
Status :	Answered																
Chosen Option :	3																

Q.9 క్రింది సంఖ్య-జతలలో, మొదటి సంఖ్యకు కొన్ని గణిత పరిక్రియలను వర్తింపజేయడం ద్వారా రెండవ సంఖ్యను పొందవచ్చు. :: కి ఏడవ వైపున ఉన్న రెండు సంఖ్యలు అనుసరించు నమూనానా :: కి కుడి వైపున ఉన్న రెండు సంఖ్యలు అనుసరించేలా, X మరియు Y లను ఐచ్చికాలలోని ఏ సంఖ్యలు భర్తీ చేయాలి?

(గమనిక: సంఖ్యలను విడి అంకెలుగా విడగొట్టకుండా, మొత్తం సంఖ్యలపై పరిక్రియలు నిర్వహించాలి. ఉదా. 13 కి కలవడం/13 నుంచి తీసివేయడం/13 తో గుణించడం వంటి పరిక్రియలను 13 పై చేయవచ్చు కానీ 13ని 1 మరియు 3గా విడగొట్టి, ఆపై 1 మరియు 3లపై గణిత పరిక్రియలు నిర్వహించడం అనుమతించబడదు.)

X : 85 :: 36 : Y

- Ans
- 1. X = 42, Y = 71
 - 2. X = 42, Y = 73
 - 3. X = 43, Y = 77
 - 4. X = 44, Y = 73

Question Type : MCQ

Question ID : 441009155598

Option 1 ID : 441009617562

Option 2 ID : 441009617560

Option 3 ID : 441009617561

Option 4 ID : 441009617559

Status : Answered

Chosen Option : 2

Q.9 Megha bought a bag for ₹1,271 after getting a discount of 18% on its marked price. Find the marked price of the bag.

- Ans
- 1. ₹1,650
 - 2. ₹1,450
 - 3. ₹1,550
 - 4. ₹1,350

Question Type : MCQ

Question ID : 441009160920

Option 1 ID : 441009637388

Option 2 ID : 441009637386

Option 3 ID : 441009637387

Option 4 ID : 441009637385

Status : Answered

Chosen Option : 3

Q.9 3	Use of energy-efficient machineries in industrial settings primarily helps ____.																
Ans	<input checked="" type="checkbox"/> 1. decrease operational efficiency <input checked="" type="checkbox"/> 2. increase energy consumption and thereby product cost <input checked="" type="checkbox"/> 3. extend the lifespan of outdated equipment <input checked="" type="checkbox"/> 4. reduce industrial energy requirement and improve products' competitiveness.																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009158540</td></tr> <tr><td>Option 1 ID :</td><td>441009629096</td></tr> <tr><td>Option 2 ID :</td><td>441009629095</td></tr> <tr><td>Option 3 ID :</td><td>441009629098</td></tr> <tr><td>Option 4 ID :</td><td>441009629097</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 :	441009158540	Option 1 ID :	441009629096	Option 2 ID :	441009629095	Option 3 ID :	441009629098	Option 4 ID :	441009629097	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009158540																
Option 1 ID :	441009629096																
Option 2 ID :	441009629095																
Option 3 ID :	441009629098																
Option 4 ID :	441009629097																
Status :	Answered																
Chosen Option :	4																
Q.9 4	In hot climate regions, the outer walls of the house are preferred to be white in colour because _____.																
Ans	<input checked="" type="checkbox"/> 1. white colour looks good <input checked="" type="checkbox"/> 2. white colour makes the wall more durable <input checked="" type="checkbox"/> 3. white colour reflects sunlight to make the interior of the house cool <input checked="" type="checkbox"/> 4. white colour absorbs more sunlight to make the house bright																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154522</td></tr> <tr><td>Option 1 ID :</td><td>441009613250</td></tr> <tr><td>Option 2 ID :</td><td>441009613251</td></tr> <tr><td>Option 3 ID :</td><td>441009613253</td></tr> <tr><td>Option 4 ID :</td><td>441009613252</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 :	441009154522	Option 1 ID :	441009613250	Option 2 ID :	441009613251	Option 3 ID :	441009613253	Option 4 ID :	441009613252	Status :	Answered	Chosen Option :	3
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Option 2 ID :	441009613251																
Option 3 ID :	441009613253																
Option 4 ID :	441009613252																
Status :	Answered																
Chosen Option :	3																
Q.9 5	Jaspreet deposited a sum of ₹58,550 at 20% rate of interest per annum, compounded annually. The total amount (in ₹) received by Jaspreet after 2 years will be:																
Ans	<input checked="" type="checkbox"/> 1. 84,700 <input checked="" type="checkbox"/> 2. 84,312 <input checked="" type="checkbox"/> 3. 84,735 <input checked="" type="checkbox"/> 4. 83,876																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153607</td></tr> <tr><td>Option 1 ID :</td><td>441009609601</td></tr> <tr><td>Option 2 ID :</td><td>441009609598</td></tr> <tr><td>Option 3 ID :</td><td>441009609600</td></tr> <tr><td>Option 4 ID :</td><td>441009609599</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 :	441009153607	Option 1 ID :	441009609601	Option 2 ID :	441009609598	Option 3 ID :	441009609600	Option 4 ID :	441009609599	Status :	Answered	Chosen Option :	2
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Option 2 ID :	441009609598																
Option 3 ID :	441009609600																
Option 4 ID :	441009609599																
Status :	Answered																
Chosen Option :	2																

Q.9	Which of the following actions can help prevent slip and fall injuries?																
6																	
Ans	<input checked="" type="checkbox"/> 1. Ignoring clutter in walkways <input checked="" type="checkbox"/> 2. Wearing loose footwear for comfort <input checked="" type="checkbox"/> 3. Walking on wet floors carefully <input checked="" type="checkbox"/> 4. Cleaning up spills immediately and using warning signs																
<table border="1"> <tr> <td>Question Type :</td> <td>MCQ</td> </tr> <tr> <td>Question ID :</td> <td>441009156595</td> </tr> <tr> <td>Option 1 ID :</td> <td>441009621543</td> </tr> <tr> <td>Option 2 ID :</td> <td>441009621544</td> </tr> <tr> <td>Option 3 ID :</td> <td>441009621546</td> </tr> <tr> <td>Option 4 ID :</td> <td>441009621545</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 :	441009156595	Option 1 ID :	441009621543	Option 2 ID :	441009621544	Option 3 ID :	441009621546	Option 4 ID :	441009621545	Status :	Answered	Chosen Option :	4
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Option 1 ID :	441009621543																
Option 2 ID :	441009621544																
Option 3 ID :	441009621546																
Option 4 ID :	441009621545																
Status :	Answered																
Chosen Option :	4																
Q.9	క్రింద రెండు సంఖ్య సమితులు ఇవ్వబడ్డాయి. ప్రతి సంఖ్య సమితిలో, మొదటి సంఖ్యపై నిర్దిష్ట గణిత పరిక్రియ (లు) చేయడం ద్వారా రెండవ సంఖ్యను పొందుతాము. అదేవిధంగా, రెండవ సంఖ్యపై కొన్ని గణిత పరిక్రియ (లు) చేయడం ద్వారా మూడవ సంఖ్యను పొందుతాము మరియు ఈ ప్రక్రియ ఇలాగే కొనసాగుతుంది. ఇచ్చిన సంఖ్య సమితులలో గల అదే పరిక్రియలను అనుసరించు ఐచ్ఛికం ఏది?																
7																	
	<p>(గమనిక: సంఖ్యలను విడి అంకెలుగా విడగొట్టకుండా, మొత్తం సంఖ్యలపై పరిక్రియలు నిర్వహించాలి. ఉదా. 13 కి కలవడం/13 నుంచి తీసివేయడం/13 తో గుణించడం వంటి పరిక్రియలను 13 పై చేయవచ్చు కానీ 13ని 1 మరియు 3గా విడగొట్టి, ఆపై 1 మరియు 3లపై గణిత పరిక్రియలు నిర్వహించడం అనుమతించబడదు.)</p> <p>3 - 9 - 12 - 24; 4 - 16 - 20 - 40</p>																
Ans	<input checked="" type="checkbox"/> 1. 6 - 12 - 18 - 34 <input checked="" type="checkbox"/> 2. 9 - 2 - 11 - 24 <input checked="" type="checkbox"/> 3. 7 - 49 - 56 - 122 <input checked="" type="checkbox"/> 4. 1 - 1 - 2 - 4																
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Question ID :	441009160815																
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Option 2 ID :	441009636987																
Option 3 ID :	441009636984																
Option 4 ID :	441009636985																
Status :	Answered																
Chosen Option :	4																

Q.9
8 From a rectangular cardboard sheet of length 46 m and breadth 8 m, three circular plates of radii 3 m, 2 m and 1 m are cut out. If the area of the remaining part of the cardboard sheet is equal to the area of a square, then find the length of each side of the square (use $\pi = \frac{22}{7}$).

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

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

Q.9
9 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '-' and 'D' stands for '-', what will come in place of the question mark (?) in the following equation?
38 C 32 A 4 D 5 B 7 = ?

- Ans
- 1. 11
 - 2. 9
 - 3. 10
 - 4. 8

Question Type :	MCQ
Question ID :	441009160814
Option 1 ID :	441009636983
Option 2 ID :	441009636981
Option 3 ID :	441009636982
Option 4 ID :	441009636980
Status :	Answered
Chosen Option :	1

Q.1 What should be done immediately after a fuel spillage in a workshop?

Ans

- 1. Use water to wash it away
- 2. Cover it with plastic to prevent evaporation
- 3. Leave it unattended and inform the supervisor later
- 4. Evacuate the area and contain the spill using absorbent materials

Question Type :	MCQ
Question ID :	441009161816
Option 1 ID :	441009640917
Option 2 ID :	441009640918
Option 3 ID :	441009640919
Option 4 ID :	441009640920
Status :	Answered
Chosen Option :	4

Section : PART-B

Q.1 The key difference between a marking gauge and a mortise gauge is:

Ans

- 1. method of adjustment
- 2. size of the tool
- 3. material of construction
- 4. number of scribing pins

Question Type :	MCQ
Question ID :	441009155125
Option 1 ID :	441009615649
Option 2 ID :	441009615648
Option 3 ID :	441009615646
Option 4 ID :	441009615647
Status :	Not Answered
Chosen Option :	--

Q.2 According to BIS SP 46-2003, which of the following applications is correctly represented by a chain-thin line in engineering drawings?

Ans

- 1. Hidden edges
- 2. Center lines
- 3. Visible edges
- 4. Dimension lines

Question Type :	MCQ
Question ID :	441009156575
Option 1 ID :	441009621464
Option 2 ID :	441009621465
Option 3 ID :	441009621463
Option 4 ID :	441009621466
Status :	Answered
Chosen Option :	2

Q.3 What is the difference between a bevel gauge and a bevel protractor?

Ans 1. There is no difference; both tools are the same.

2. A bevel protractor is used for depth measurement, while a bevel gauge is used for height measurement.

3. A bevel gauge is fixed, while a bevel protractor is adjustable.

4. A bevel gauge is adjustable, while a bevel protractor provides precise angular measurements.

Question Type :	MCQ
Question ID :	441009155126
Option 1 ID :	441009615653
Option 2 ID :	441009615651
Option 3 ID :	441009615652
Option 4 ID :	441009615650
Status :	Answered
Chosen Option :	4

Q.4 Match the following terminologies in riveted joint with their corresponding meanings.

Column I Column II
 Pitch (A) distance between centres of adjoining rivets in the same row (P)
 Margin (B) distance between an edge of the plate and the nearest rivet-hole (Q)
 Lap joint (C) plates to be connected overlap each other (R)
 Row pitch (D) distance between the rows of rivets (S)

Ans 1. A-S, B-P, C-Q, D-R

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

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

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

Question Type :	MCQ
Question ID :	441009155177
Option 1 ID :	441009615856
Option 2 ID :	441009615854
Option 3 ID :	441009615855
Option 4 ID :	441009615857
Status :	Answered
Chosen Option :	4

Q.5 Which of the following hand-operated drilling machines is used for drilling small diameter holes up to 6 mm?

Ans 1. Breast drilling machine

2. Bevel gear type drilling machine

3. Ratchet drilling machine

4. Electric hand drill

Question Type : MCQ

Question ID : 441009156633

Option 1 ID : 441009621697

Option 2 ID : 441009621696

Option 3 ID : 441009621695

Option 4 ID : 441009621698

Status : Not Answered

Chosen Option : --

Q.6 సాధారణంగా, మృదువైన మెటీరియల్ మీద ఇండెంట్షన్ ఏర్పడుతుంటుంది. అది ఇలా ఉంటుంది:

Ans 1. చిన్నగా మరియు తక్కువ లోతుతో

2. అన్ని విషయాల్లోనూ ఒకే విధంగా ఉంటుంది

3. ఊహించడం సాధ్యం కాదు

4. పెద్దగా మరియు లోతుగా

Question Type : MCQ

Question ID : 441009162155

Option 1 ID : 441009642273

Option 2 ID : 441009642275

Option 3 ID : 441009642276

Option 4 ID : 441009642274

Status : Not Answered

Chosen Option : --

Q.7 Which of the following parts of a file is the part fitted to the tang for holding the file?

Ans 1. Tang

2. Tip or Point

3. Handle

4. Edge

Question Type : MCQ

Question ID : 441009161831

Option 1 ID : 441009640980

Option 2 ID : 441009640977

Option 3 ID : 441009640979

Option 4 ID : 441009640978

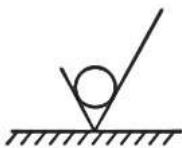
Status : Answered

Chosen Option : 3

Q.8	The schedule number of a pipe is an indicator of which property?																	
Ans	<input checked="" type="checkbox"/> 1. Wall Thickness <input type="checkbox"/> 2. Inner Diameter <input type="checkbox"/> 3. Outer Diameter <input type="checkbox"/> 4. Material Composition																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154880</td></tr> <tr><td>Option 1 ID :</td><td>441009614669</td></tr> <tr><td>Option 2 ID :</td><td>441009614667</td></tr> <tr><td>Option 3 ID :</td><td>441009614666</td></tr> <tr><td>Option 4 ID :</td><td>441009614668</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 :	441009154880	Option 1 ID :	441009614669	Option 2 ID :	441009614667	Option 3 ID :	441009614666	Option 4 ID :	441009614668	Status :	Not Answered	Chosen Option :	--
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Question ID :	441009154880																	
Option 1 ID :	441009614669																	
Option 2 ID :	441009614667																	
Option 3 ID :	441009614666																	
Option 4 ID :	441009614668																	
Status :	Not Answered																	
Chosen Option :	--																	
Q.9	When two pulleys are more than 8 metres apart, then which of the following belt drives is used for power transmission?																	
Ans	<input type="checkbox"/> 1. Light drive <input type="checkbox"/> 2. Flat belt <input type="checkbox"/> 3. V-belt <input checked="" type="checkbox"/> 4. Circular belt																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009162137</td></tr> <tr><td>Option 1 ID :</td><td>441009642204</td></tr> <tr><td>Option 2 ID :</td><td>441009642203</td></tr> <tr><td>Option 3 ID :</td><td>441009642201</td></tr> <tr><td>Option 4 ID :</td><td>441009642202</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 :	441009162137	Option 1 ID :	441009642204	Option 2 ID :	441009642203	Option 3 ID :	441009642201	Option 4 ID :	441009642202	Status :	Not Answered	Chosen Option :	--
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Question ID :	441009162137																	
Option 1 ID :	441009642204																	
Option 2 ID :	441009642203																	
Option 3 ID :	441009642201																	
Option 4 ID :	441009642202																	
Status :	Not Answered																	
Chosen Option :	--																	
Q.10	Which of the following files is used for filing narrow grooves and angles above 10°?																	
Ans	<input type="checkbox"/> 1. Half round file <input type="checkbox"/> 2. Triangular file <input type="checkbox"/> 3. Square file <input checked="" type="checkbox"/> 4. Knife-edge file																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156639</td></tr> <tr><td>Option 1 ID :</td><td>441009621719</td></tr> <tr><td>Option 2 ID :</td><td>441009621721</td></tr> <tr><td>Option 3 ID :</td><td>441009621722</td></tr> <tr><td>Option 4 ID :</td><td>441009621720</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 :	441009156639	Option 1 ID :	441009621719	Option 2 ID :	441009621721	Option 3 ID :	441009621722	Option 4 ID :	441009621720	Status :	Answered	Chosen Option :	4
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Option 3 ID :	441009621722																	
Option 4 ID :	441009621720																	
Status :	Answered																	
Chosen Option :	4																	

Q.1 1	If the basic size of the diameter of a shaft is 75 mm and variation limit of ± 0.02 mm is given, then its tolerance in mm is:																
Ans	<input checked="" type="checkbox"/> 1. +0.02 <input checked="" type="checkbox"/> 2. +0.04 <input checked="" type="checkbox"/> 3. -0.04 <input checked="" type="checkbox"/> 4. -0.02																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155190</td></tr> <tr><td>Option 1 ID :</td><td>441009615906</td></tr> <tr><td>Option 2 ID :</td><td>441009615908</td></tr> <tr><td>Option 3 ID :</td><td>441009615909</td></tr> <tr><td>Option 4 ID :</td><td>441009615907</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 :	441009155190	Option 1 ID :	441009615906	Option 2 ID :	441009615908	Option 3 ID :	441009615909	Option 4 ID :	441009615907	Status :	Answered	Chosen Option :	2
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Option 2 ID :	441009615908																
Option 3 ID :	441009615909																
Option 4 ID :	441009615907																
Status :	Answered																
Chosen Option :	2																
Q.1 2	The type of workpieces that can be successfully held in a 4-jaw chuck, and might be difficult to hold in a 3-jaw chuck, are:																
Ans	<input checked="" type="checkbox"/> 1. irregular or eccentric workpieces <input checked="" type="checkbox"/> 2. only small diameter workpieces <input checked="" type="checkbox"/> 3. only hexagonal workpieces <input checked="" type="checkbox"/> 4. only round workpieces																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155146</td></tr> <tr><td>Option 1 ID :</td><td>441009615732</td></tr> <tr><td>Option 2 ID :</td><td>441009615733</td></tr> <tr><td>Option 3 ID :</td><td>441009615731</td></tr> <tr><td>Option 4 ID :</td><td>441009615730</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 :	441009155146	Option 1 ID :	441009615732	Option 2 ID :	441009615733	Option 3 ID :	441009615731	Option 4 ID :	441009615730	Status :	Answered	Chosen Option :	3
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Question ID :	441009155146																
Option 1 ID :	441009615732																
Option 2 ID :	441009615733																
Option 3 ID :	441009615731																
Option 4 ID :	441009615730																
Status :	Answered																
Chosen Option :	3																
Q.1 3	What is single-riveted lap joint?																
Ans	<input checked="" type="checkbox"/> 1. Joint made with three row of rivets <input checked="" type="checkbox"/> 2. Joint made with four row of rivets <input checked="" type="checkbox"/> 3. Joint made with two row of rivets <input checked="" type="checkbox"/> 4. Joint made with only one row of rivets																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155182</td></tr> <tr><td>Option 1 ID :</td><td>441009615876</td></tr> <tr><td>Option 2 ID :</td><td>441009615877</td></tr> <tr><td>Option 3 ID :</td><td>441009615875</td></tr> <tr><td>Option 4 ID :</td><td>441009615874</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 :	441009155182	Option 1 ID :	441009615876	Option 2 ID :	441009615877	Option 3 ID :	441009615875	Option 4 ID :	441009615874	Status :	Answered	Chosen Option :	4
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Option 2 ID :	441009615877																
Option 3 ID :	441009615875																
Option 4 ID :	441009615874																
Status :	Answered																
Chosen Option :	4																

Q.1 What does the given surface finish symbol represent?
4



Ans

- 1. The surface should be finished using grinding only.
- 2. Special machining characteristics must be specified.
- 3. Machining must be performed to remove material.
- 4. Material removal is not allowed on this surface.

Question Type :	MCQ
Question ID :	441009162131
Option 1 ID :	441009642178
Option 2 ID :	441009642180
Option 3 ID :	441009642177
Option 4 ID :	441009642179
Status :	Answered
Chosen Option :	3

Q.1 An electronic digital caliper displays the measurement on a _____.
5

Ans

- 1. dial gauge
- 2. liquid crystal display screen
- 3. mechanical counter
- 4. Vernier scale


Question Type :	MCQ
Question ID :	441009155158
Option 1 ID :	441009615778
Option 2 ID :	441009615780
Option 3 ID :	441009615781
Option 4 ID :	441009615779
Status :	Answered
Chosen Option :	2

Q.1 When selecting a sheet size for an original drawing, what should be the primary consideration?
6

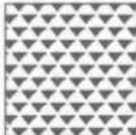
Ans 1. The size of the reproduction.
 2. The clarity and resolution required.
 3. The orientation of the drawing (horizontal or vertical).
 4. The standard size of the drawing office.

Question Type :	MCQ
Question ID :	441009156564
Option 1 ID :	441009621419
Option 2 ID :	441009621420
Option 3 ID :	441009621421
Option 4 ID :	441009621422
Status :	Answered
Chosen Option :	3

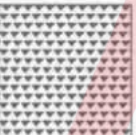
Q.1 Identify the rough file grade from the figures given below.
7




(a)



(b)



(c)



(d)

Ans 1. (c)
 2. (b)
 3. (a)
 4. (d)

Question Type :	MCQ
Question ID :	441009155141
Option 1 ID :	441009615712
Option 2 ID :	441009615711
Option 3 ID :	441009615710
Option 4 ID :	441009615713
Status :	Not Answered
Chosen Option :	--

<p>Q.1 8</p>	<p>_____ strategy is best suited for critical equipment that cannot afford unexpected downtime.</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. Reactive maintenance</p> <p><input type="checkbox"/> 2. Run-to-failure maintenance</p> <p><input checked="" type="checkbox"/> 3. Predictive maintenance</p> <p><input type="checkbox"/> 4. Preventive maintenance</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>441009154916</td></tr> <tr><td>Option 1 ID :</td><td>441009614812</td></tr> <tr><td>Option 2 ID :</td><td>441009614813</td></tr> <tr><td>Option 3 ID :</td><td>441009614811</td></tr> <tr><td>Option 4 ID :</td><td>441009614810</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 :	441009154916	Option 1 ID :	441009614812	Option 2 ID :	441009614813	Option 3 ID :	441009614811	Option 4 ID :	441009614810	Status :	Not Answered	Chosen Option :	--
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Option 3 ID :	441009614811																	
Option 4 ID :	441009614810																	
Status :	Not Answered																	
Chosen Option :	--																	
<p>Q.1 9</p>	<p>What type of surfaces can a telescopic gauge measure?</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. Only external cylindrical surfaces</p> <p><input type="checkbox"/> 2. Only deep holes</p> <p><input type="checkbox"/> 3. Only circular bores</p> <p><input checked="" type="checkbox"/> 4. Both circular and irregular bores</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>441009155122</td></tr> <tr><td>Option 1 ID :</td><td>441009615637</td></tr> <tr><td>Option 2 ID :</td><td>441009615635</td></tr> <tr><td>Option 3 ID :</td><td>441009615634</td></tr> <tr><td>Option 4 ID :</td><td>441009615636</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 :	441009155122	Option 1 ID :	441009615637	Option 2 ID :	441009615635	Option 3 ID :	441009615634	Option 4 ID :	441009615636	Status :	Not Answered	Chosen Option :	--
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Option 4 ID :	441009615636																	
Status :	Not Answered																	
Chosen Option :	--																	
<p>Q.2 0</p>	<p>A circuit consists of three resistors; 15 ohms, 10 ohms, and 20 ohms. The 15-ohm resistor is in series with the parallel combination of the 10-ohm and 20-ohm resistors. If a 24 V battery is applied across the circuit, what is the total current flowing through the circuit?</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. 3.1 A</p> <p><input type="checkbox"/> 2. 2.1 A</p> <p><input checked="" type="checkbox"/> 3. 1.1 A</p> <p><input type="checkbox"/> 4. 0.1 A</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>441009156527</td></tr> <tr><td>Option 1 ID :</td><td>441009621271</td></tr> <tr><td>Option 2 ID :</td><td>441009621272</td></tr> <tr><td>Option 3 ID :</td><td>441009621273</td></tr> <tr><td>Option 4 ID :</td><td>441009621274</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 :	441009156527	Option 1 ID :	441009621271	Option 2 ID :	441009621272	Option 3 ID :	441009621273	Option 4 ID :	441009621274	Status :	Answered	Chosen Option :	3
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Option 3 ID :	441009621273																	
Option 4 ID :	441009621274																	
Status :	Answered																	
Chosen Option :	3																	

<p>Q.2 1</p>	<p>Which type of hydraulic cylinder is commonly used when a long stroke is required in a compact design?</p> <p>Ans <input checked="" type="checkbox"/> 1. Double-acting cylinder</p> <p><input checked="" type="checkbox"/> 2. Single-acting cylinder</p> <p><input checked="" type="checkbox"/> 3. Rotary actuator</p> <p><input checked="" type="checkbox"/> 4. Telescopic cylinder</p>																
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Option 1 ID :	441009650437																
Option 2 ID :	441009650439																
Option 3 ID :	441009650438																
Option 4 ID :	441009650440																
Status :	Not Answered																
Chosen Option :	--																
<p>Q.2 2</p>	<p>Which of the following advantages of chain drive over belt drive is INCORRECT?</p> <p>Ans <input checked="" type="checkbox"/> 1. The production cost of chains is relatively high.</p> <p><input checked="" type="checkbox"/> 2. It gives less load on the shafts.</p> <p><input checked="" type="checkbox"/> 3. It may be used for both long as well as short distances.</p> <p><input checked="" type="checkbox"/> 4. It gives a high transmission efficiency.</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>441009155116</td></tr> <tr><td>Option 1 ID :</td><td>441009615613</td></tr> <tr><td>Option 2 ID :</td><td>441009615612</td></tr> <tr><td>Option 3 ID :</td><td>441009615610</td></tr> <tr><td>Option 4 ID :</td><td>441009615611</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 :	441009155116	Option 1 ID :	441009615613	Option 2 ID :	441009615612	Option 3 ID :	441009615610	Option 4 ID :	441009615611	Status :	Not Answered	Chosen Option :	--
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Option 2 ID :	441009615612																
Option 3 ID :	441009615610																
Option 4 ID :	441009615611																
Status :	Not Answered																
Chosen Option :	--																
<p>Q.2 3</p>	<p>What is the unit of specifying slip gauges?</p> <p>Ans <input checked="" type="checkbox"/> 1. Millimetres</p> <p><input checked="" type="checkbox"/> 2. Kilograms</p> <p><input checked="" type="checkbox"/> 3. Newtons</p> <p><input checked="" type="checkbox"/> 4. Kilometres</p>																
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Option 2 ID :	441009615688																
Option 3 ID :	441009615689																
Option 4 ID :	441009615686																
Status :	Answered																
Chosen Option :	1																

Q.2 Arrange the following steps in the correct order to draw an equilateral triangle with each side of 35 mm.

1. Join CA and CB.
2. Draw a line and mark AB 35 mm as the side of the triangle.
3. With radius AB and center A and B, draw arcs cutting at C.
4. ABC is the required triangle.

Ans

- 1. 1, 2, 4, 3
- 2. 2, 3, 1, 4
- 3. 2, 1, 3, 4
- 4. 3, 2, 1, 4

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

Q.2 The process of _____ involves using a cutting tool called a tap to sever internal threads in a hole.

Ans

- 1. knurling
- 2. facing
- 3. chamfering
- 4. tapping

Question Type :	MCQ
Question ID :	441009155132
Option 1 ID :	441009615675
Option 2 ID :	441009615677
Option 3 ID :	441009615674
Option 4 ID :	441009615676
Status :	Answered
Chosen Option :	4

Q.2 In a lead-acid battery, what is the chemical composition of the material used for the positive plate during discharge?

Ans

- 1. Lead sulfate (PbSO₄)
- 2. Sulphuric acid (H₂SO₄)
- 3. Lead (Pb)
- 4. Lead dioxide (PbO₂)

Question Type :	MCQ
Question ID :	441009156525
Option 1 ID :	441009621263
Option 2 ID :	441009621265
Option 3 ID :	441009621266
Option 4 ID :	441009621264
Status :	Not Answered
Chosen Option :	--

<p>Q.2 7</p>	<p>Which of the following vices consists of a handle and a small collet chuck at one end?</p>																
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. Hand vice</p> <p><input checked="" type="checkbox"/> 2. Pin vice</p> <p><input checked="" type="checkbox"/> 3. Pipe vice</p> <p><input checked="" type="checkbox"/> 4. Toolmaker's vice</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>441009161832</td></tr> <tr><td>Option 1 ID :</td><td>441009640981</td></tr> <tr><td>Option 2 ID :</td><td>441009640984</td></tr> <tr><td>Option 3 ID :</td><td>441009640983</td></tr> <tr><td>Option 4 ID :</td><td>441009640982</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>		Question Type :	MCQ	Question ID :	441009161832	Option 1 ID :	441009640981	Option 2 ID :	441009640984	Option 3 ID :	441009640983	Option 4 ID :	441009640982	Status :	Answered	Chosen Option :	2
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Option 3 ID :	441009640983																
Option 4 ID :	441009640982																
Status :	Answered																
Chosen Option :	2																
<p>Q.2 8</p>	<p>Which of the following is NOT required for estimating materials in preventive maintenance?</p>																
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. Equipment maintenance history</p> <p><input checked="" type="checkbox"/> 2. Supplier availability of spare parts</p> <p><input checked="" type="checkbox"/> 3. Standard life expectancy of components</p> <p><input checked="" type="checkbox"/> 4. Power consumption of the machine</p>																
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Option 3 ID :	441009614819																
Option 4 ID :	441009614818																
Status :	Answered																
Chosen Option :	4																
<p>Q.2 9</p>	<p>For what purpose are pins and clips used in engineering drawings?</p>																
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. To transfer dimensions and dividing lines into a number of equal parts</p> <p><input checked="" type="checkbox"/> 2. To draw horizontal lines, parallel lines and to guide/hold the set squares</p> <p><input checked="" type="checkbox"/> 3. To fasten the drawing sheet on to the drawing board firmly so that it does not shake</p> <p><input checked="" type="checkbox"/> 4. To support the drawing paper/tracing paper for making drawings</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>441009156549</td></tr> <tr><td>Option 1 ID :</td><td>441009621361</td></tr> <tr><td>Option 2 ID :</td><td>441009621360</td></tr> <tr><td>Option 3 ID :</td><td>441009621359</td></tr> <tr><td>Option 4 ID :</td><td>441009621362</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 :	441009156549	Option 1 ID :	441009621361	Option 2 ID :	441009621360	Option 3 ID :	441009621359	Option 4 ID :	441009621362	Status :	Answered	Chosen Option :	3
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Option 2 ID :	441009621360																
Option 3 ID :	441009621359																
Option 4 ID :	441009621362																
Status :	Answered																
Chosen Option :	3																

Q.3 0	What is Pascal's Law that is fundamental to hydraulic systems?																
Ans	<input type="checkbox"/> 1. Force is inversely proportional to pressure. <input checked="" type="checkbox"/> 2. Pressure in a confined fluid is constant at all points. <input type="checkbox"/> 3. Fluid velocity is directly proportional to the cross-sectional area. <input type="checkbox"/> 4. Energy cannot be created or destroyed in a hydraulic system.																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009164204</td></tr> <tr><td>Option 1 ID :</td><td>441009650435</td></tr> <tr><td>Option 2 ID :</td><td>441009650434</td></tr> <tr><td>Option 3 ID :</td><td>441009650436</td></tr> <tr><td>Option 4 ID :</td><td>441009650433</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 :	441009164204	Option 1 ID :	441009650435	Option 2 ID :	441009650434	Option 3 ID :	441009650436	Option 4 ID :	441009650433	Status :	Answered	Chosen Option :	2
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Option 3 ID :	441009650436																
Option 4 ID :	441009650433																
Status :	Answered																
Chosen Option :	2																
Q.3 1	Which of the following types of thread is usually found on the machine spindle?																
Ans	<input type="checkbox"/> 1. Knuckle thread <input type="checkbox"/> 2. Buttress thread <input type="checkbox"/> 3. Unified standard thread <input checked="" type="checkbox"/> 4. Square thread																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155113</td></tr> <tr><td>Option 1 ID :</td><td>441009615599</td></tr> <tr><td>Option 2 ID :</td><td>441009615601</td></tr> <tr><td>Option 3 ID :</td><td>441009615598</td></tr> <tr><td>Option 4 ID :</td><td>441009615600</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 :	441009155113	Option 1 ID :	441009615599	Option 2 ID :	441009615601	Option 3 ID :	441009615598	Option 4 ID :	441009615600	Status :	Answered	Chosen Option :	4
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Option 1 ID :	441009615599																
Option 2 ID :	441009615601																
Option 3 ID :	441009615598																
Option 4 ID :	441009615600																
Status :	Answered																
Chosen Option :	4																
Q.3 2	What is the purpose of an emergency evacuation plan?																
Ans	<input type="checkbox"/> 1. To increase productivity <input checked="" type="checkbox"/> 2. To ensure safe and orderly evacuation during emergencies <input type="checkbox"/> 3. To allow workers to leave early <input type="checkbox"/> 4. To avoid safety drills																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009161820</td></tr> <tr><td>Option 1 ID :</td><td>441009640935</td></tr> <tr><td>Option 2 ID :</td><td>441009640934</td></tr> <tr><td>Option 3 ID :</td><td>441009640933</td></tr> <tr><td>Option 4 ID :</td><td>441009640936</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 :	441009161820	Option 1 ID :	441009640935	Option 2 ID :	441009640934	Option 3 ID :	441009640933	Option 4 ID :	441009640936	Status :	Answered	Chosen Option :	2
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Option 4 ID :	441009640936																
Status :	Answered																
Chosen Option :	2																

<p>Q.3 3</p>	<p>What is the primary reason for electrical injuries when a person comes in contact with electrical equipment?</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. Devices are used for too long.</p> <p><input checked="" type="checkbox"/> 2. Current flows through the body causing harm.</p> <p><input type="checkbox"/> 3. Electrical devices are too powerful.</p> <p><input type="checkbox"/> 4. Electrical equipment is not properly grounded.</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>441009156614</td></tr> <tr><td>Option 1 ID :</td><td>441009621622</td></tr> <tr><td>Option 2 ID :</td><td>441009621620</td></tr> <tr><td>Option 3 ID :</td><td>441009621619</td></tr> <tr><td>Option 4 ID :</td><td>441009621621</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 :	441009156614	Option 1 ID :	441009621622	Option 2 ID :	441009621620	Option 3 ID :	441009621619	Option 4 ID :	441009621621	Status :	Answered	Chosen Option :	4
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Option 4 ID :	441009621621																	
Status :	Answered																	
Chosen Option :	4																	
<p>Q.3 4</p>	<p>Why is it important for every person to follow safety procedures in the workplace?</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. To increase overall production efficiency</p> <p><input type="checkbox"/> 2. To limit the need for frequent supervision</p> <p><input checked="" type="checkbox"/> 3. To minimise risks and avoid accidents</p> <p><input type="checkbox"/> 4. To reduce operational costs significantly</p>																	
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Option 3 ID :	441009621664																	
Option 4 ID :	441009621665																	
Status :	Answered																	
Chosen Option :	3																	
<p>Q.3 5</p>	<p>A/An _____ is provided to keep the micrometer fixed so that the reading can be done easily and without any difficulty.</p>																	
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. lock nut</p> <p><input type="checkbox"/> 2. sleeve or barrel</p> <p><input type="checkbox"/> 3. anvil</p> <p><input type="checkbox"/> 4. thimble</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>441009155185</td></tr> <tr><td>Option 1 ID :</td><td>441009615886</td></tr> <tr><td>Option 2 ID :</td><td>441009615888</td></tr> <tr><td>Option 3 ID :</td><td>441009615887</td></tr> <tr><td>Option 4 ID :</td><td>441009615889</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 :	441009155185	Option 1 ID :	441009615886	Option 2 ID :	441009615888	Option 3 ID :	441009615887	Option 4 ID :	441009615889	Status :	Answered	Chosen Option :	1
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Option 3 ID :	441009615887																	
Option 4 ID :	441009615889																	
Status :	Answered																	
Chosen Option :	1																	

Q.3 6	A circular hole of radius 3 cm is cut from a rectangular sheet of dimensions 12 cm × 10 cm. Find the remaining area. (Take $\pi = 3.14$)
Ans	<input checked="" type="checkbox"/> 1. 100 cm ² <input checked="" type="checkbox"/> 2. 75.74 cm ² <input checked="" type="checkbox"/> 3. 95.86 cm ² <input checked="" type="checkbox"/> 4. 91.74 cm ²

Question Type :	MCQ
Question ID :	441009156655
Option 1 ID :	441009621783
Option 2 ID :	441009621784
Option 3 ID :	441009621786
Option 4 ID :	441009621785
Status :	Answered
Chosen Option :	4

Q.3 7	When measuring the resistance of a resistor using an ohmmeter, what does a reading of zero resistance indicate?
Ans	<input checked="" type="checkbox"/> 1. The resistor is open-circuited. <input checked="" type="checkbox"/> 2. The resistor is short-circuited. <input checked="" type="checkbox"/> 3. The ohmmeter is malfunctioning. <input checked="" type="checkbox"/> 4. The resistor is functioning normally.

Question Type :	MCQ
Question ID :	441009156534
Option 1 ID :	441009621299
Option 2 ID :	441009621301
Option 3 ID :	441009621302
Option 4 ID :	441009621300
Status :	Not Answered
Chosen Option :	--

Q.3 8	If $\sin\theta = \frac{3}{5}$, find $\cos\theta$. $\sin\theta = \frac{3}{5}$ అయితే, $\cos\theta$ కనుగొనండి.
Ans	<input type="checkbox"/> 1. $\frac{3}{4}$
	<input type="checkbox"/> 2. $\frac{5}{4}$
	<input type="checkbox"/> 3. $\frac{3}{5}$
	<input checked="" type="checkbox"/> 4. $\frac{4}{5}$

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

Q.3 9	Which of the following is a key characteristic of a low-pressure blowpipe/torch in welding?
Ans	<input type="checkbox"/> 1. It requires an external pump to supply acetylene gas.
	<input type="checkbox"/> 2. It directly mixes acetylene and oxygen in equal proportions.
	<input checked="" type="checkbox"/> 3. It uses high-pressure oxygen to create a vacuum for acetylene suction.
	<input type="checkbox"/> 4. It operates only with high-pressure acetylene cylinders.

Question Type :	MCQ
Question ID :	441009155107
Option 1 ID :	441009615576
Option 2 ID :	441009615575
Option 3 ID :	441009615574
Option 4 ID :	441009615577
Status :	Not Answered
Chosen Option :	--

Q.4 0	Which component is essential in a single-acting cylinder to facilitate the return stroke?																
Ans	<input checked="" type="checkbox"/> 1. Double inlet valve <input checked="" type="checkbox"/> 2. Spring or external load <input checked="" type="checkbox"/> 3. Pressure relief valve <input checked="" type="checkbox"/> 4. Flow control valve																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154862</td></tr> <tr><td>Option 1 ID :</td><td>441009614597</td></tr> <tr><td>Option 2 ID :</td><td>441009614596</td></tr> <tr><td>Option 3 ID :</td><td>441009614594</td></tr> <tr><td>Option 4 ID :</td><td>441009614595</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 :	441009154862	Option 1 ID :	441009614597	Option 2 ID :	441009614596	Option 3 ID :	441009614594	Option 4 ID :	441009614595	Status :	Answered	Chosen Option :	3
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Option 2 ID :	441009614596																
Option 3 ID :	441009614594																
Option 4 ID :	441009614595																
Status :	Answered																
Chosen Option :	3																
Q.4 1	_____ type of preventive maintenance is performed based on actual machine condition rather than a fixed schedule.																
Ans	<input checked="" type="checkbox"/> 1. Condition-based maintenance <input checked="" type="checkbox"/> 2. Time-based maintenance <input checked="" type="checkbox"/> 3. Breakdown maintenance <input checked="" type="checkbox"/> 4. Run-to-Failure maintenance																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154913</td></tr> <tr><td>Option 1 ID :</td><td>441009614799</td></tr> <tr><td>Option 2 ID :</td><td>441009614800</td></tr> <tr><td>Option 3 ID :</td><td>441009614801</td></tr> <tr><td>Option 4 ID :</td><td>441009614798</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 :	441009154913	Option 1 ID :	441009614799	Option 2 ID :	441009614800	Option 3 ID :	441009614801	Option 4 ID :	441009614798	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009154913																
Option 1 ID :	441009614799																
Option 2 ID :	441009614800																
Option 3 ID :	441009614801																
Option 4 ID :	441009614798																
Status :	Not Answered																
Chosen Option :	--																
Q.4 2	What is the advantage of giving heat treatment to a material?																
Ans	<input checked="" type="checkbox"/> 1. To decrease the melting point of the material <input checked="" type="checkbox"/> 2. To increase the weight of the material <input checked="" type="checkbox"/> 3. To change it from one element to another element <input checked="" type="checkbox"/> 4. To make surgical knives of sharp edges																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156644</td></tr> <tr><td>Option 1 ID :</td><td>441009621742</td></tr> <tr><td>Option 2 ID :</td><td>441009621739</td></tr> <tr><td>Option 3 ID :</td><td>441009621741</td></tr> <tr><td>Option 4 ID :</td><td>441009621740</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 :	441009156644	Option 1 ID :	441009621742	Option 2 ID :	441009621739	Option 3 ID :	441009621741	Option 4 ID :	441009621740	Status :	Answered	Chosen Option :	1
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Question ID :	441009156644																
Option 1 ID :	441009621742																
Option 2 ID :	441009621739																
Option 3 ID :	441009621741																
Option 4 ID :	441009621740																
Status :	Answered																
Chosen Option :	1																

<p>Q.4 3</p>	<p>Which characteristic of cellulosic electrodes makes them unsuitable for high-strength steels?</p>																
<p>Ans</p>	<p><input type="checkbox"/> 1. They have a very thin coating, causing rapid wear.</p> <p><input type="checkbox"/> 2. They create excessive slag, leading to contamination.</p> <p><input type="checkbox"/> 3. They operate only on a low-voltage DC supply.</p> <p><input checked="" type="checkbox"/> 4. They produce high levels of hydrogen in the weld.</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>441009155110</td></tr> <tr><td>Option 1 ID :</td><td>441009615586</td></tr> <tr><td>Option 2 ID :</td><td>441009615588</td></tr> <tr><td>Option 3 ID :</td><td>441009615589</td></tr> <tr><td>Option 4 ID :</td><td>441009615587</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 :	441009155110	Option 1 ID :	441009615586	Option 2 ID :	441009615588	Option 3 ID :	441009615589	Option 4 ID :	441009615587	Status :	Not Answered	Chosen Option :	--
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Question ID :	441009155110																
Option 1 ID :	441009615586																
Option 2 ID :	441009615588																
Option 3 ID :	441009615589																
Option 4 ID :	441009615587																
Status :	Not Answered																
Chosen Option :	--																
<p>Q.4 4</p>	<p>The terms _____ and _____ refer to the greatest and smallest variance, respectively, specified on a fundamental size or nominal measurement.</p>																
<p>Ans</p>	<p><input type="checkbox"/> 1. limit; fit</p> <p><input type="checkbox"/> 2. jig; fixture</p> <p><input type="checkbox"/> 3. low limit; high limit</p> <p><input checked="" type="checkbox"/> 4. high limit; low limit</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>441009155196</td></tr> <tr><td>Option 1 ID :</td><td>441009615933</td></tr> <tr><td>Option 2 ID :</td><td>441009615932</td></tr> <tr><td>Option 3 ID :</td><td>441009615931</td></tr> <tr><td>Option 4 ID :</td><td>441009615930</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 :	441009155196	Option 1 ID :	441009615933	Option 2 ID :	441009615932	Option 3 ID :	441009615931	Option 4 ID :	441009615930	Status :	Answered	Chosen Option :	4
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Option 1 ID :	441009615933																
Option 2 ID :	441009615932																
Option 3 ID :	441009615931																
Option 4 ID :	441009615930																
Status :	Answered																
Chosen Option :	4																
<p>Q.4 5</p>	<p>Threading is an operation of cutting _____ on the external cylindrical surface of the job.</p>																
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. helical grooves</p> <p><input type="checkbox"/> 2. v-shaped grooves</p> <p><input type="checkbox"/> 3. rectangular grooves</p> <p><input type="checkbox"/> 4. circular grooves</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>441009155172</td></tr> <tr><td>Option 1 ID :</td><td>441009615834</td></tr> <tr><td>Option 2 ID :</td><td>441009615837</td></tr> <tr><td>Option 3 ID :</td><td>441009615835</td></tr> <tr><td>Option 4 ID :</td><td>441009615836</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 :	441009155172	Option 1 ID :	441009615834	Option 2 ID :	441009615837	Option 3 ID :	441009615835	Option 4 ID :	441009615836	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
Question ID :	441009155172																
Option 1 ID :	441009615834																
Option 2 ID :	441009615837																
Option 3 ID :	441009615835																
Option 4 ID :	441009615836																
Status :	Answered																
Chosen Option :	1																

Q.4 6	$\left(\frac{3}{8}\right) + \left(\frac{5}{12}\right)$ మొత్తం ఎంత?
Ans	<input checked="" type="checkbox"/> 1. $\frac{8}{20}$ <input checked="" type="checkbox"/> 2. $\frac{17}{24}$ <input checked="" type="checkbox"/> 3. $\frac{7}{12}$ <input checked="" type="checkbox"/> 4. $\frac{19}{24}$

Question Type :	MCQ
Question ID :	441009156660
Option 1 ID :	441009621806
Option 2 ID :	441009621805
Option 3 ID :	441009621803
Option 4 ID :	441009621804
Status :	Answered
Chosen Option :	4

Q.4 7	In Lathe Machine operation, the act of making plain ends of a job in their actual length is called _____.
Ans	<input checked="" type="checkbox"/> 1. facing <input checked="" type="checkbox"/> 2. knurling <input checked="" type="checkbox"/> 3. step turning <input checked="" type="checkbox"/> 4. chamfering

Question Type :	MCQ
Question ID :	441009155129
Option 1 ID :	441009615663
Option 2 ID :	441009615665
Option 3 ID :	441009615662
Option 4 ID :	441009615664
Status :	Answered
Chosen Option :	2

<p>Q.4 8</p>	<p>_____ microstructure is typically obtained after normalising low-carbon steel.</p>																
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. Pearlite and ferrite</p> <p><input type="checkbox"/> 2. Austenite</p> <p><input type="checkbox"/> 3. Bainite</p> <p><input type="checkbox"/> 4. Martensite</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>441009164217</td></tr> <tr><td>Option 1 ID :</td><td>441009650485</td></tr> <tr><td>Option 2 ID :</td><td>441009650487</td></tr> <tr><td>Option 3 ID :</td><td>441009650488</td></tr> <tr><td>Option 4 ID :</td><td>441009650486</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 :	441009164217	Option 1 ID :	441009650485	Option 2 ID :	441009650487	Option 3 ID :	441009650488	Option 4 ID :	441009650486	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009164217																
Option 1 ID :	441009650485																
Option 2 ID :	441009650487																
Option 3 ID :	441009650488																
Option 4 ID :	441009650486																
Status :	Not Answered																
Chosen Option :	--																
<p>Q.4 9</p>	<p>The term _____ refers to the limit of variation allowed on either side of the correct dimension to provide the job property of interchangeability (in mass production of part).</p>																
<p>Ans</p>	<p><input type="checkbox"/> 1. high limit</p> <p><input type="checkbox"/> 2. fit</p> <p><input checked="" type="checkbox"/> 3. tolerance</p> <p><input type="checkbox"/> 4. low limit</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>441009155197</td></tr> <tr><td>Option 1 ID :</td><td>441009615936</td></tr> <tr><td>Option 2 ID :</td><td>441009615935</td></tr> <tr><td>Option 3 ID :</td><td>441009615934</td></tr> <tr><td>Option 4 ID :</td><td>441009615937</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 :	441009155197	Option 1 ID :	441009615936	Option 2 ID :	441009615935	Option 3 ID :	441009615934	Option 4 ID :	441009615937	Status :	Answered	Chosen Option :	3
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Option 2 ID :	441009615935																
Option 3 ID :	441009615934																
Option 4 ID :	441009615937																
Status :	Answered																
Chosen Option :	3																
<p>Q.5 0</p>	<p>The purpose of providing a side relief angle of 1° to 2° on a grooving tool is to:</p>																
<p>Ans</p>	<p><input type="checkbox"/> 1. improve the surface finish</p> <p><input checked="" type="checkbox"/> 2. prevent rubbing against the sides of the groove</p> <p><input type="checkbox"/> 3. increase the cutting speed</p> <p><input type="checkbox"/> 4. reduce the cutting force</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>441009155153</td></tr> <tr><td>Option 1 ID :</td><td>441009615759</td></tr> <tr><td>Option 2 ID :</td><td>441009615760</td></tr> <tr><td>Option 3 ID :</td><td>441009615758</td></tr> <tr><td>Option 4 ID :</td><td>441009615761</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 :	441009155153	Option 1 ID :	441009615759	Option 2 ID :	441009615760	Option 3 ID :	441009615758	Option 4 ID :	441009615761	Status :	Not Answered	Chosen Option :	--
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Option 2 ID :	441009615760																
Option 3 ID :	441009615758																
Option 4 ID :	441009615761																
Status :	Not Answered																
Chosen Option :	--																

Q.5 1	In thread cutting, 'BSW' stands for _____.																				
Ans	<input checked="" type="checkbox"/> 1. British Standard Weight																				
	<input checked="" type="checkbox"/> 2. Bharath Standard Whitworth																				
	<input checked="" type="checkbox"/> 3. British Stationary Whitworth																				
	<input checked="" type="checkbox"/> 4. British Standard Whitworth																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155174</td></tr> <tr><td>Option 1 ID :</td><td>441009615845</td></tr> <tr><td>Option 2 ID :</td><td>441009615843</td></tr> <tr><td>Option 3 ID :</td><td>441009615844</td></tr> <tr><td>Option 4 ID :</td><td>441009615842</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 :	441009155174	Option 1 ID :	441009615845	Option 2 ID :	441009615843	Option 3 ID :	441009615844	Option 4 ID :	441009615842	Status :	Answered	Chosen Option :	4
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Option 2 ID :	441009615843																				
Option 3 ID :	441009615844																				
Option 4 ID :	441009615842																				
Status :	Answered																				
Chosen Option :	4																				
Q.5 2	Which of the following organisations is responsible for enforcing workplace safety regulations in India?																				
Ans	<input checked="" type="checkbox"/> 1. World Health Organization (WHO)																				
	<input checked="" type="checkbox"/> 2. Food and Drug Administration (FDA)																				
	<input checked="" type="checkbox"/> 3. Directorate General of Factory Advice Service and Labour Institutes (DGFASLI)																				
	<input checked="" type="checkbox"/> 4. Environmental Protection Agency (EPA)																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009161819</td></tr> <tr><td>Option 1 ID :</td><td>441009640932</td></tr> <tr><td>Option 2 ID :</td><td>441009640929</td></tr> <tr><td>Option 3 ID :</td><td>441009640931</td></tr> <tr><td>Option 4 ID :</td><td>441009640930</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 :	441009161819	Option 1 ID :	441009640932	Option 2 ID :	441009640929	Option 3 ID :	441009640931	Option 4 ID :	441009640930	Status :	Answered	Chosen Option :	3
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Question ID :	441009161819																				
Option 1 ID :	441009640932																				
Option 2 ID :	441009640929																				
Option 3 ID :	441009640931																				
Option 4 ID :	441009640930																				
Status :	Answered																				
Chosen Option :	3																				
Q.5 3	What is the purpose of hammering during normalising?																				
Ans	<input checked="" type="checkbox"/> 1. To harden the steel																				
	<input checked="" type="checkbox"/> 2. To increase brittleness																				
	<input checked="" type="checkbox"/> 3. To refine the grain structure and improve mechanical properties																				
	<input checked="" type="checkbox"/> 4. To remove oxidation																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154899</td></tr> <tr><td>Option 1 ID :</td><td>441009614743</td></tr> <tr><td>Option 2 ID :</td><td>441009614744</td></tr> <tr><td>Option 3 ID :</td><td>441009614742</td></tr> <tr><td>Option 4 ID :</td><td>441009614745</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 :	441009154899	Option 1 ID :	441009614743	Option 2 ID :	441009614744	Option 3 ID :	441009614742	Option 4 ID :	441009614745	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																				
Question ID :	441009154899																				
Option 1 ID :	441009614743																				
Option 2 ID :	441009614744																				
Option 3 ID :	441009614742																				
Option 4 ID :	441009614745																				
Status :	Answered																				
Chosen Option :	4																				

<p>Q.5 4</p>	<p>_____ type of lapping is used for precision finishing of engine cylinder bores.</p>																
<p>Ans</p>	<p><input type="checkbox"/> 1. Belt lapping</p> <p><input type="checkbox"/> 2. Chemical lapping</p> <p><input checked="" type="checkbox"/> 3. Internal lapping</p> <p><input type="checkbox"/> 4. Flat lapping</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>441009154912</td></tr> <tr><td>Option 1 ID :</td><td>441009614794</td></tr> <tr><td>Option 2 ID :</td><td>441009614795</td></tr> <tr><td>Option 3 ID :</td><td>441009614796</td></tr> <tr><td>Option 4 ID :</td><td>441009614797</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 :	441009154912	Option 1 ID :	441009614794	Option 2 ID :	441009614795	Option 3 ID :	441009614796	Option 4 ID :	441009614797	Status :	Not Answered	Chosen Option :	--
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Option 3 ID :	441009614796																
Option 4 ID :	441009614797																
Status :	Not Answered																
Chosen Option :	--																
<p>Q.5 5</p>	<p>If the current flowing through a conductor is 5 A and the resistance of the conductor is 10 ohms, what will be the voltage across the conductor, according to Ohm's Law?</p>																
<p>Ans</p>	<p><input type="checkbox"/> 1. 15 V</p> <p><input type="checkbox"/> 2. 10 V</p> <p><input checked="" type="checkbox"/> 3. 50 V</p> <p><input type="checkbox"/> 4. 5 V</p>																
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Option 3 ID :	441009621311																
Option 4 ID :	441009621314																
Status :	Answered																
Chosen Option :	3																
<p>Q.5 6</p>	<p>Gaskets, seals and spacers are made using:</p>																
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. hollow punch</p> <p><input type="checkbox"/> 2. centre punch</p> <p><input type="checkbox"/> 3. pin punch</p> <p><input type="checkbox"/> 4. prick punch</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>441009161828</td></tr> <tr><td>Option 1 ID :</td><td>441009640967</td></tr> <tr><td>Option 2 ID :</td><td>441009640966</td></tr> <tr><td>Option 3 ID :</td><td>441009640968</td></tr> <tr><td>Option 4 ID :</td><td>441009640965</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 :	441009161828	Option 1 ID :	441009640967	Option 2 ID :	441009640966	Option 3 ID :	441009640968	Option 4 ID :	441009640965	Status :	Not Answered	Chosen Option :	--
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Option 3 ID :	441009640968																
Option 4 ID :	441009640965																
Status :	Not Answered																
Chosen Option :	--																

<p>Q.5 7</p>	<p>When the size of the shaft or male part of a job is more than hole or female part, the difference between the two will be known as _____.</p>																
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. positive allowance</p> <p><input checked="" type="checkbox"/> 2. negative allowance</p> <p><input checked="" type="checkbox"/> 3. neither positive nor negative allowance</p> <p><input checked="" type="checkbox"/> 4. either positive or negative allowance</p>																
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Option 3 ID :	441009615901																
Option 4 ID :	441009615900																
Status :	Answered																
Chosen Option :	2																
<p>Q.5 8</p>	<p>A drawing instrument box is used to carry all _____ instruments.</p>																
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. casting</p> <p><input checked="" type="checkbox"/> 2. drilling</p> <p><input checked="" type="checkbox"/> 3. drawing</p> <p><input checked="" type="checkbox"/> 4. screening</p>																
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Option 3 ID :	441009621367																
Option 4 ID :	441009621368																
Status :	Answered																
Chosen Option :	3																
<p>Q.5 9</p>	<p>What is the purpose of a split die in pipe threading?</p>																
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. To change pipe diameter</p> <p><input checked="" type="checkbox"/> 2. To remove metal burrs</p> <p><input checked="" type="checkbox"/> 3. To create internal threads</p> <p><input checked="" type="checkbox"/> 4. To adjust the depth of cut for external threads</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>441009154874</td></tr> <tr><td>Option 1 ID :</td><td>441009614643</td></tr> <tr><td>Option 2 ID :</td><td>441009614642</td></tr> <tr><td>Option 3 ID :</td><td>441009614644</td></tr> <tr><td>Option 4 ID :</td><td>441009614645</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 :	441009154874	Option 1 ID :	441009614643	Option 2 ID :	441009614642	Option 3 ID :	441009614644	Option 4 ID :	441009614645	Status :	Answered	Chosen Option :	4
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Option 3 ID :	441009614644																
Option 4 ID :	441009614645																
Status :	Answered																
Chosen Option :	4																

<p>Q.6 0</p>	<p>Which of the following types of pliers is used to shape loops in wires and to form curves in light metal strips?</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. Flat nose pliers</p> <p><input type="checkbox"/> 2. End cutting pliers</p> <p><input checked="" type="checkbox"/> 3. Round nose pliers</p> <p><input type="checkbox"/> 4. Slip-joint pliers</p>																	
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Option 4 ID :	441009621702																	
Status :	Not Answered																	
Chosen Option :	--																	
<p>Q.6 1</p>	<p>Non-functional dimensions are _____.</p>																	
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. not essential for the function of the space or component</p> <p><input type="checkbox"/> 2. essential for the function of the space or component</p> <p><input type="checkbox"/> 3. derived from the values of the related features of a drawing</p> <p><input type="checkbox"/> 4. directly derived from the values given on a drawing</p>																	
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Option 3 ID :	441009621354																	
Option 4 ID :	441009621353																	
Status :	Not Answered																	
Chosen Option :	--																	
<p>Q.6 2</p>	<p>Which of the following is NOT a failure mode of ball bearings?</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. Spalling</p> <p><input type="checkbox"/> 2. Brinelling</p> <p><input type="checkbox"/> 3. Creep</p> <p><input checked="" type="checkbox"/> 4. Bending</p>																	
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Option 3 ID :	441009614679																	
Option 4 ID :	441009614678																	
Status :	Not Answered																	
Chosen Option :	--																	

Q.6 3	After heating, how should the workpiece be cooled in the normalising process?																
Ans	<input checked="" type="checkbox"/> 1. By quenching in water <input checked="" type="checkbox"/> 2. By quenching in oil <input checked="" type="checkbox"/> 3. By cooling in still air <input checked="" type="checkbox"/> 4. By keeping inside the furnace																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154902</td></tr> <tr><td>Option 1 ID :</td><td>441009614755</td></tr> <tr><td>Option 2 ID :</td><td>441009614754</td></tr> <tr><td>Option 3 ID :</td><td>441009614756</td></tr> <tr><td>Option 4 ID :</td><td>441009614757</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 :	441009154902	Option 1 ID :	441009614755	Option 2 ID :	441009614754	Option 3 ID :	441009614756	Option 4 ID :	441009614757	Status :	Answered	Chosen Option :	3
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Option 3 ID :	441009614756																
Option 4 ID :	441009614757																
Status :	Answered																
Chosen Option :	3																
Q.6 4	Toughness is the ability of a material to:																
Ans	<input checked="" type="checkbox"/> 1. undergo plastic deformation without failure <input checked="" type="checkbox"/> 2. absorb energy before fracture <input checked="" type="checkbox"/> 3. resist elastic deformation <input checked="" type="checkbox"/> 4. resist scratches and indentation																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155162</td></tr> <tr><td>Option 1 ID :</td><td>441009615797</td></tr> <tr><td>Option 2 ID :</td><td>441009615795</td></tr> <tr><td>Option 3 ID :</td><td>441009615796</td></tr> <tr><td>Option 4 ID :</td><td>441009615794</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 :	441009155162	Option 1 ID :	441009615797	Option 2 ID :	441009615795	Option 3 ID :	441009615796	Option 4 ID :	441009615794	Status :	Answered	Chosen Option :	1
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Option 3 ID :	441009615796																
Option 4 ID :	441009615794																
Status :	Answered																
Chosen Option :	1																
Q.6 5	What does 'charging' of a lapping tool mean?																
Ans	<input checked="" type="checkbox"/> 1. Increasing the weight of the tool for better pressure <input checked="" type="checkbox"/> 2. Applying coolant to the tool <input checked="" type="checkbox"/> 3. Embedding abrasive particles into the lap surface <input checked="" type="checkbox"/> 4. Electrically energising the tool																
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Option 3 ID :	441009614774																
Option 4 ID :	441009614777																
Status :	Not Answered																
Chosen Option :	--																

Q.6 6	The unit for specific gravity is ____.																	
Ans	<input checked="" type="checkbox"/> 1. no unit (dimensionless) <input type="checkbox"/> 2. kg/m ³ <input type="checkbox"/> 3. g/cm ³ <input type="checkbox"/> 4. m/s ²																	
		<table border="1"> <tbody> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156658</td></tr> <tr><td>Option 1 ID :</td><td>441009621795</td></tr> <tr><td>Option 2 ID :</td><td>441009621797</td></tr> <tr><td>Option 3 ID :</td><td>441009621796</td></tr> <tr><td>Option 4 ID :</td><td>441009621798</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </tbody> </table>	Question Type :	MCQ	Question ID :	441009156658	Option 1 ID :	441009621795	Option 2 ID :	441009621797	Option 3 ID :	441009621796	Option 4 ID :	441009621798	Status :	Answered	Chosen Option :	1
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Q.6 7	ఇతర రకాల ట్రాన్సిస్టర్లతో పోలిస్తే ఎలక్ట్రానిక్ సర్క్యూట్లలో MOSFETలను ఉపయోగించడం వల్ల కలిగే ముఖ్య ప్రయోజనం ఏమిటి?																	
Ans	<input checked="" type="checkbox"/> 1. అధిక ఇన్పుట్ ఇంపెడెన్స్ మరియు అల్ప పవర్ వినియోగం <input type="checkbox"/> 2. BJTల కంటే అధిక వోల్టేజీలు మరియు కరెంట్లను నిర్వహించగల సామర్థ్యం <input type="checkbox"/> 3. AC మరియు DC సిగ్నల్స్ రెండింటినీ విస్తరించే సామర్థ్యం <input type="checkbox"/> 4. అధిక ఫ్రీక్వెన్సీ ప్రతిస్పందన																	
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Status :	Not Answered																	
Chosen Option :	--																	
Q.6 8	Silicon carbide as a honing abrasive is best suited for which type of material?																	
Ans	<input type="checkbox"/> 1. Soft materials like aluminium <input checked="" type="checkbox"/> 2. Hard materials like hardened steel and cast iron <input type="checkbox"/> 3. Rubber <input type="checkbox"/> 4. Plastic and wood																	
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Status :	Not Answered																	
Chosen Option :	--																	

Q.6 9	Which hardness test uses a diamond pyramid-shaped indenter?																
Ans	<input checked="" type="checkbox"/> 1. Rockwell <input checked="" type="checkbox"/> 2. Brinell <input checked="" type="checkbox"/> 3. Shore <input checked="" type="checkbox"/> 4. Vickers																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155166</td></tr> <tr><td>Option 1 ID :</td><td>441009615813</td></tr> <tr><td>Option 2 ID :</td><td>441009615810</td></tr> <tr><td>Option 3 ID :</td><td>441009615812</td></tr> <tr><td>Option 4 ID :</td><td>441009615811</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 :	441009155166	Option 1 ID :	441009615813	Option 2 ID :	441009615810	Option 3 ID :	441009615812	Option 4 ID :	441009615811	Status :	Not Answered	Chosen Option :	--
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Option 3 ID :	441009615812																
Option 4 ID :	441009615811																
Status :	Not Answered																
Chosen Option :	--																
Q.7 0	In a forward Vernier scale, the size of one Vernier scale division is:																
Ans	<input checked="" type="checkbox"/> 1. larger than 1 main scale division <input checked="" type="checkbox"/> 2. 1 mm <input checked="" type="checkbox"/> 3. equal to 1 main scale division <input checked="" type="checkbox"/> 4. smaller than 1 main scale division																
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Option 4 ID :	441009615784																
Status :	Not Answered																
Chosen Option :	--																
Q.7 1	In a velocity-time graph, the negative slope represents _____.																
Ans	<input checked="" type="checkbox"/> 1. retardation <input checked="" type="checkbox"/> 2. distance <input checked="" type="checkbox"/> 3. displacement <input checked="" type="checkbox"/> 4. acceleration																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156657</td></tr> <tr><td>Option 1 ID :</td><td>441009621791</td></tr> <tr><td>Option 2 ID :</td><td>441009621793</td></tr> <tr><td>Option 3 ID :</td><td>441009621794</td></tr> <tr><td>Option 4 ID :</td><td>441009621792</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 :	441009156657	Option 1 ID :	441009621791	Option 2 ID :	441009621793	Option 3 ID :	441009621794	Option 4 ID :	441009621792	Status :	Answered	Chosen Option :	4
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Chosen Option :	4																

Q.7 2	What should you do to ensure your personal safety at work?																	
Ans	<input checked="" type="checkbox"/> 1. Take risks to finish tasks quickly.																	
	<input checked="" type="checkbox"/> 2. Ignore warning signs and instructions.																	
	<input checked="" type="checkbox"/> 3. Wear personal protective equipment.																	
	<input checked="" type="checkbox"/> 4. Work in a hurry without checking equipment.																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156619</td></tr> <tr><td>Option 1 ID :</td><td>441009621639</td></tr> <tr><td>Option 2 ID :</td><td>441009621641</td></tr> <tr><td>Option 3 ID :</td><td>441009621640</td></tr> <tr><td>Option 4 ID :</td><td>441009621642</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>			Question Type :	MCQ	Question ID :	441009156619	Option 1 ID :	441009621639	Option 2 ID :	441009621641	Option 3 ID :	441009621640	Option 4 ID :	441009621642	Status :	Answered	Chosen Option :	3
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Option 3 ID :	441009621640																	
Option 4 ID :	441009621642																	
Status :	Answered																	
Chosen Option :	3																	
Q.7 3	When using a multimeter to measure current, which of the following is correct?																	
Ans	<input checked="" type="checkbox"/> 1. The multimeter is connected only across resistive components.																	
	<input checked="" type="checkbox"/> 2. The multimeter is connected directly to the power source.																	
	<input checked="" type="checkbox"/> 3. The multimeter is connected in parallel with the load.																	
	<input checked="" type="checkbox"/> 4. The multimeter is connected in series with the load.																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156533</td></tr> <tr><td>Option 1 ID :</td><td>441009621298</td></tr> <tr><td>Option 2 ID :</td><td>441009621297</td></tr> <tr><td>Option 3 ID :</td><td>441009621295</td></tr> <tr><td>Option 4 ID :</td><td>441009621296</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 :	441009156533	Option 1 ID :	441009621298	Option 2 ID :	441009621297	Option 3 ID :	441009621295	Option 4 ID :	441009621296	Status :	Not Answered	Chosen Option :	--
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Option 4 ID :	441009621296																	
Status :	Not Answered																	
Chosen Option :	--																	
Q.7 4	Which of the following is an important safety measure during a power failure?																	
Ans	<input checked="" type="checkbox"/> 1. Ignoring alarm systems																	
	<input checked="" type="checkbox"/> 2. Using candles for lighting																	
	<input checked="" type="checkbox"/> 3. Ensuring all machines and electrical equipment are turned off																	
	<input checked="" type="checkbox"/> 4. Continuing to use equipment without verifying power status																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156586</td></tr> <tr><td>Option 1 ID :</td><td>441009621510</td></tr> <tr><td>Option 2 ID :</td><td>441009621507</td></tr> <tr><td>Option 3 ID :</td><td>441009621508</td></tr> <tr><td>Option 4 ID :</td><td>441009621509</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 :	441009156586	Option 1 ID :	441009621510	Option 2 ID :	441009621507	Option 3 ID :	441009621508	Option 4 ID :	441009621509	Status :	Answered	Chosen Option :	3
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Status :	Answered																	
Chosen Option :	3																	

Q.7	Which of the following tools is NOT under the requirement to complete the Step Turning Process?
5	
Ans	<input checked="" type="checkbox"/> 1. Turning tool
	<input checked="" type="checkbox"/> 2. Vernier Caliper
	<input checked="" type="checkbox"/> 3. Snipping tool
	<input checked="" type="checkbox"/> 4. Parting Tool

Question Type :	MCQ
Question ID :	441009162142
Option 1 ID :	441009642223
Option 2 ID :	441009642221
Option 3 ID :	441009642224
Option 4 ID :	441009642222
Status :	Answered
Chosen Option :	3

