

**RRB ALP
CBT-II**

**Previous Year Paper
(Fitter)**

06 May, 2025 Shift 2

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CEN 01/2024 - ALP / सहायक लोको पायलट



Roll Number	
Candidate Name	
Test Center Name	
Community	
Test Date	06/05/2025
Test Time	2:30 PM - 5:00 PM
Subject	Fitter
Application Photograph	
Exam Day Photograph	

* Note

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

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

Section : PART-A

Q.1 Three partners, A, B and C, shared the profit in a business in the proportion of 11 : 13 : 16. They invested their capitals for 7 months, 5 months and 12 months, respectively. What was the ratio of their capitals?

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

Question Type : **MCQ**

Question ID : **441009157422**

Option 1 ID : **441009624856**

Option 2 ID : **441009624855**

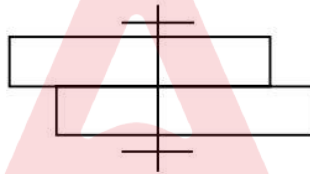
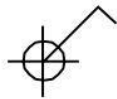
Option 3 ID : **441009624858**

Option 4 ID : **441009624857**

Status : **Answered**

Chosen Option : **3**

Q.2 Examine the symbolic representation of the hole and rivet provided below. According to BIS SP 46-2003, what does this symbol represent?



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

Question Type : **MCQ**

Question ID : **441009156557**

Option 1 ID : **441009621393**

Option 2 ID : **441009621392**

Option 3 ID : **441009621391**

Option 4 ID : **441009621394**

Status : **Answered**

Chosen Option : **4**

Q.3	What should come in place of the question mark (?) in the given series? 179 171 163 ? 147 139																
Ans	<p><input type="checkbox"/> 1. 157</p> <p><input type="checkbox"/> 2. 151</p> <p><input type="checkbox"/> 3. 153</p> <p><input checked="" type="checkbox"/> 4. 155</p>																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155601</td></tr> <tr><td>Option 1 ID :</td><td>441009617574</td></tr> <tr><td>Option 2 ID :</td><td>441009617571</td></tr> <tr><td>Option 3 ID :</td><td>441009617572</td></tr> <tr><td>Option 4 ID :</td><td>441009617573</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 :	441009155601	Option 1 ID :	441009617574	Option 2 ID :	441009617571	Option 3 ID :	441009617572	Option 4 ID :	441009617573	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009155601																
Option 1 ID :	441009617574																
Option 2 ID :	441009617571																
Option 3 ID :	441009617572																
Option 4 ID :	441009617573																
Status :	Answered																
Chosen Option :	4																
Q.4	Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)																
Ans	<p><input type="checkbox"/> 1. VBZI</p> <p><input type="checkbox"/> 2. GMKT</p> <p><input checked="" type="checkbox"/> 3. EKJR</p> <p><input type="checkbox"/> 4. IOMV</p>																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155641</td></tr> <tr><td>Option 1 ID :</td><td>441009617732</td></tr> <tr><td>Option 2 ID :</td><td>441009617734</td></tr> <tr><td>Option 3 ID :</td><td>441009617731</td></tr> <tr><td>Option 4 ID :</td><td>441009617733</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>		Question Type :	MCQ	Question ID :	441009155641	Option 1 ID :	441009617732	Option 2 ID :	441009617734	Option 3 ID :	441009617731	Option 4 ID :	441009617733	Status :	Answered	Chosen Option :	3
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Question ID :	441009155641																
Option 1 ID :	441009617732																
Option 2 ID :	441009617734																
Option 3 ID :	441009617731																
Option 4 ID :	441009617733																
Status :	Answered																
Chosen Option :	3																

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

: KHM :: OLQ : %

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

Question Type : **MCQ**

Question ID : 441009155620

Option 1 ID : 441009617649

Option 2 ID : 441009617648

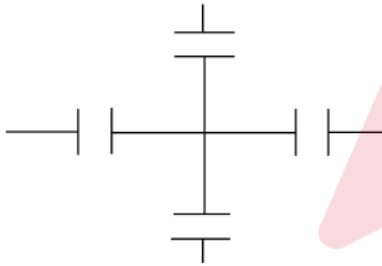
Option 3 ID : 441009617650

Option 4 ID : 441009617647

Status : **Answered**

Chosen Option : 4

Q.6 Identify the orthographic symbol of a pipe fitting shown in the figure.



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

Question Type : **MCQ**

Question ID : 441009156555

Option 1 ID : 441009621385

Option 2 ID : 441009621383

Option 3 ID : 441009621386

Option 4 ID : 441009621384

Status : **Answered**

Chosen Option : 3

Q.7	Which of the following terms is used to describe the pollutants that originate from identifiable sources, such as factories or vehicles?
Ans	<input checked="" type="checkbox"/> 1. Non-point Source Pollution <input checked="" type="checkbox"/> 2. Radicle Pollution <input checked="" type="checkbox"/> 3. Random Pollution <input checked="" type="checkbox"/> 4. Point Source Pollution

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

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

Question Type :	MCQ
Question ID :	441009153675
Option 1 ID :	441009609872
Option 2 ID :	441009609871
Option 3 ID :	441009609870
Option 4 ID :	441009609873
Status :	Not Attempted and Marked For Review
Chosen Option :	--

Q.9	A refrigerator seller offers a discount of 10% on its listed price of ₹57,500 and still earns a profit of 15%. The cost price of the refrigerator is:
Ans	<input checked="" type="checkbox"/> 1. ₹42,000 <input checked="" type="checkbox"/> 2. ₹48,000 <input checked="" type="checkbox"/> 3. ₹40,000 <input checked="" type="checkbox"/> 4. ₹45,000

Question Type :	MCQ
Question ID :	441009153620
Option 1 ID :	441009609652
Option 2 ID :	441009609651
Option 3 ID :	441009609650
Option 4 ID :	441009609653
Status :	Answered
Chosen Option :	4

Q.1 0	What should come in place of the question mark (?) in the given alpha-numeric series? Q16, O14, M12, K10, I8, ?																	
Ans	<input checked="" type="checkbox"/> 1. H6 <input checked="" type="checkbox"/> 2. G4 <input checked="" type="checkbox"/> 3. G6 <input checked="" type="checkbox"/> 4. J6																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155673</td></tr> <tr><td>Option 1 ID :</td><td>441009617861</td></tr> <tr><td>Option 2 ID :</td><td>441009617859</td></tr> <tr><td>Option 3 ID :</td><td>441009617860</td></tr> <tr><td>Option 4 ID :</td><td>441009617862</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 :	441009155673	Option 1 ID :	441009617861	Option 2 ID :	441009617859	Option 3 ID :	441009617860	Option 4 ID :	441009617862	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																	
Question ID :	441009155673																	
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Option 3 ID :	441009617860																	
Option 4 ID :	441009617862																	
Status :	Answered																	
Chosen Option :	3																	
Q.1 1	Among three partners A, B and C in a business. The capital of B is equal to half the difference between thrice the capital of C and twice the capital of A. If at the end of the year, they received a profit of ₹25,415, what is the share of C (in ₹)?																	
Ans	<input checked="" type="checkbox"/> 1. 9,166 <input checked="" type="checkbox"/> 2. 8,666 <input checked="" type="checkbox"/> 3. 10,166 <input checked="" type="checkbox"/> 4. 11,666																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153602</td></tr> <tr><td>Option 1 ID :</td><td>441009609579</td></tr> <tr><td>Option 2 ID :</td><td>441009609580</td></tr> <tr><td>Option 3 ID :</td><td>441009609578</td></tr> <tr><td>Option 4 ID :</td><td>441009609581</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 :	441009153602	Option 1 ID :	441009609579	Option 2 ID :	441009609580	Option 3 ID :	441009609578	Option 4 ID :	441009609581	Status :	Not Attempted and Marked For Review	Chosen Option :	--
Question Type :	MCQ																	
Question ID :	441009153602																	
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Option 2 ID :	441009609580																	
Option 3 ID :	441009609578																	
Option 4 ID :	441009609581																	
Status :	Not Attempted and Marked For Review																	
Chosen Option :	--																	

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

Question Type :	MCQ
Question ID :	441009155646
Option 1 ID :	441009617754
Option 2 ID :	441009617751
Option 3 ID :	441009617753
Option 4 ID :	441009617752
Status :	Answered
Chosen Option :	4

<p>Q.1 3</p>	<p>The potential energy of an object is equivalent to the _____.</p>
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. energy lost</p> <p><input checked="" type="checkbox"/> 2. change in speed</p> <p><input checked="" type="checkbox"/> 3. change in velocity</p> <p><input checked="" type="checkbox"/> 4. energy transferred</p>

Question Type :	MCQ
Question ID :	441009153548
Option 1 ID :	441009609365
Option 2 ID :	441009609362
Option 3 ID :	441009609364
Option 4 ID :	441009609363
Status :	Not Answered
Chosen Option :	--

Q.1 4	<p>Given below are two sets of numbers. Both the sets are formed using the same mathematical equations or follow a common pattern. Which of the given options follows the same set of mathematical equations or patterns as the sets given in the question?</p> <p>1333 – 1730 – 2199 – 2746 – 3377 218 – 345 – 514 – 731 – 1002</p>
Ans	<p><input type="checkbox"/> 1. 123 – 146 – 171 – 198 – 227</p> <p><input type="checkbox"/> 2. 3 – 6 – 11 – 18 – 27</p> <p><input checked="" type="checkbox"/> 3. 3 – 10 – 29 – 66 – 127</p> <p><input type="checkbox"/> 4. 38 – 51 – 66 – 83 – 102</p>

Question Type :	MCQ
Question ID :	441009160819
Option 1 ID :	441009637000
Option 2 ID :	441009637003
Option 3 ID :	441009637002
Option 4 ID :	441009637001
Status :	Not Answered
Chosen Option :	--

Q.1 5	<p>Read the given statement and conclusions carefully. Assuming that the information given in the statement is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement.</p> <p>Statement: Over the past year, there has been a noticeable increase in respiratory diseases in City W. According to a public health study, this increase is related to an increase in the number of cars on the road, which has raised air pollution levels.</p> <p>Conclusions: I. Increased vehicular traffic contributes to higher levels of air pollution. II. Improving public transportation would reduce respiratory illnesses in City W.</p>
Ans	<p><input type="checkbox"/> 1. Only conclusion II follows.</p> <p><input checked="" type="checkbox"/> 2. Both conclusions I and II follow.</p> <p><input type="checkbox"/> 3. Neither conclusion I nor II follows.</p> <p><input type="checkbox"/> 4. Only conclusion I follows.</p>

Question Type :	MCQ
Question ID :	441009155682
Option 1 ID :	441009617896
Option 2 ID :	441009617897
Option 3 ID :	441009617898
Option 4 ID :	441009617895
Status :	Answered
Chosen Option :	4

Q.1	Under which Section of the Factories Act, of 1948, is the employment of women and children near cotton openers prohibited?
6	
Ans	<input checked="" type="checkbox"/> 1. Section 25
	<input checked="" type="checkbox"/> 2. Section 27
	<input checked="" type="checkbox"/> 3. Section 29
	<input checked="" type="checkbox"/> 4. Section 21

Question Type :	MCQ
Question ID :	441009156605
Option 1 ID :	441009621585
Option 2 ID :	441009621584
Option 3 ID :	441009621586
Option 4 ID :	441009621583
Status :	Not Answered
Chosen Option :	--

Q.1	What is the first step to take in case of a power failure in a workshop?
7	
Ans	<input checked="" type="checkbox"/> 1. Panic and leave the premises immediately
	<input checked="" type="checkbox"/> 2. Continue working as usual
	<input checked="" type="checkbox"/> 3. Ignore the situation and wait for power to return
	<input checked="" type="checkbox"/> 4. Check if emergency lighting and backup power are functional

Question Type :	MCQ
Question ID :	441009156587
Option 1 ID :	441009621511
Option 2 ID :	441009621513
Option 3 ID :	441009621512
Option 4 ID :	441009621514
Status :	Answered
Chosen Option :	4

Q.1	The speed of a bus is 6 metres/second. The distance (in kilometres) travelled by the bus in 8 hours and 20 minutes is:
8	
Ans	<input checked="" type="checkbox"/> 1. 184
	<input checked="" type="checkbox"/> 2. 180
	<input checked="" type="checkbox"/> 3. 175
	<input checked="" type="checkbox"/> 4. 185

Question Type :	MCQ
Question ID :	441009153600
Option 1 ID :	441009609572
Option 2 ID :	441009609570
Option 3 ID :	441009609571
Option 4 ID :	441009609573
Status :	Answered
Chosen Option :	2

Q.1 9	Find the minimum value of $2x^2 - 5x - 3$ and also find x.																	
Ans	<input checked="" type="checkbox"/> 1. -6.125 and x = 0.25 <input checked="" type="checkbox"/> 2. 6.125 and x = 1.2 <input checked="" type="checkbox"/> 3. -6.125 and x = 1.25 <input checked="" type="checkbox"/> 4. 6.125 and x = 1.25																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153657</td></tr> <tr><td>Option 1 ID :</td><td>441009609800</td></tr> <tr><td>Option 2 ID :</td><td>441009609798</td></tr> <tr><td>Option 3 ID :</td><td>441009609801</td></tr> <tr><td>Option 4 ID :</td><td>441009609799</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 :	441009153657	Option 1 ID :	441009609800	Option 2 ID :	441009609798	Option 3 ID :	441009609801	Option 4 ID :	441009609799	Status :	Not Attempted and Marked For Review	Chosen Option :	--
Question Type :	MCQ																	
Question ID :	441009153657																	
Option 1 ID :	441009609800																	
Option 2 ID :	441009609798																	
Option 3 ID :	441009609801																	
Option 4 ID :	441009609799																	
Status :	Not Attempted and Marked For Review																	
Chosen Option :	--																	
Q.2 0	Select the pair which follows the same pattern as that followed by the two sets of pairs given below. Both pairs follow the same pattern. ARF : YTH WVJ : UXL																	
Ans	<input checked="" type="checkbox"/> 1. KXF : HZH <input checked="" type="checkbox"/> 2. MEL : HZN <input checked="" type="checkbox"/> 3. SZN : QBP <input checked="" type="checkbox"/> 4. QEB : NBD																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155651</td></tr> <tr><td>Option 1 ID :</td><td>441009617773</td></tr> <tr><td>Option 2 ID :</td><td>441009617771</td></tr> <tr><td>Option 3 ID :</td><td>441009617774</td></tr> <tr><td>Option 4 ID :</td><td>441009617772</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 :	441009155651	Option 1 ID :	441009617773	Option 2 ID :	441009617771	Option 3 ID :	441009617774	Option 4 ID :	441009617772	Status :	Answered	Chosen Option :	3
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Option 3 ID :	441009617774																	
Option 4 ID :	441009617772																	
Status :	Answered																	
Chosen Option :	3																	
Q.2 1	A porter lifts a 10 kg luggage from the ground and places it on his head, 2.5 m above the ground. Calculate the work done by him on the luggage. (Take $g = 10 \text{ ms}^{-2}$.)																	
Ans	<input checked="" type="checkbox"/> 1. 100 J <input checked="" type="checkbox"/> 2. 250 J <input checked="" type="checkbox"/> 3. 250 N <input checked="" type="checkbox"/> 4. 200 J																	
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Question Type :	MCQ																	
Question ID :	441009153512																	
Option 1 ID :	441009609219																	
Option 2 ID :	441009609218																	
Option 3 ID :	441009609221																	
Option 4 ID :	441009609220																	
Status :	Answered																	
Chosen Option :	2																	

Q.2 ఆల్మోబైల్స్ నుండి వచ్చే విపరీత వ్యర్థాలను సురక్షితంగా పారవేయడం కోసం శాస్త్రీయంగా రూపొందించిన పద్ధతులు అనుసరించడానికి ప్రధాన కారణం క్రింది వాటిలో ఏది?

- Ans
- 1. ఇంధన వినియోగం తగ్గించడానికి మరియు మొత్తంమీద సామర్థ్యం పెంచడానికి
 - 2. గాలిలోని ప్రమాదకర వాయువులు మరియు దుమ్ము నుండి మనుష్యుల ఆరోగ్యం రక్షించడానికి
 - 3. ఇంజన్ సామర్థ్యం ఆప్టిమైజ్ చేయడం ద్వారా వాహనం పనితీరు పెంచడానికి
 - 4. యాంత్రిక అరుగుదలను తగ్గించడం ద్వారా వాహనం జీవితకాలం పెంచడానికి

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

Q.2 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

AD8, FI16, KN24, ?

- Ans
- 1. PS35
 - 2. OR35
 - 3. PS32
 - 4. OS32

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

Q.2 In a certain code language, 'BOAT' is coded as '8654' and 'AIDS' is coded as '3517'. What is the code for 'A' in the given code language?

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

Question Type :	MCQ
Question ID :	441009155626
Option 1 ID :	441009617672
Option 2 ID :	441009617673
Option 3 ID :	441009617671
Option 4 ID :	441009617674
Status :	Answered
Chosen Option :	3

Q.2 5	The interest of $(10r)^2$ in r time at rate $\frac{r}{10}$ % is _____.																	
Ans	<div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"> ✗ 1. $10r^4$ </div> <div style="display: flex; align-items: center;"> ✓ 2. $\frac{r^4}{10}$ </div> <div style="display: flex; align-items: center;"> ✗ 3. $\frac{r^4}{5}$ </div> <div style="display: flex; align-items: center;"> ✗ 4. $\frac{r^4}{20}$ </div> </div>																	
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Question ID :	441009153647																	
Option 1 ID :	441009609761																	
Option 2 ID :	441009609758																	
Option 3 ID :	441009609759																	
Option 4 ID :	441009609760																	
Status :	Answered																	
Chosen Option :	2																	
Q.2 6	<p>Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.</p> <p>Statements:</p> <p>I. All books are pencils. II. All pencils are cardboards. III. All cardboards are notebooks.</p> <p>Conclusions:</p> <p>I. Some notebooks are pencils. II. Some cardboards are books. III. Some notebooks are books.</p>																	
Ans	<div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"> ✓ 1. All conclusions I, II and III follow. </div> <div style="display: flex; align-items: center;"> ✗ 2. Only conclusions I and II follow. </div> <div style="display: flex; align-items: center;"> ✗ 3. Only conclusions II and III follow. </div> <div style="display: flex; align-items: center;"> ✗ 4. Only conclusions I and III follow. </div> </div>																	
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Option 3 ID :	441009617889																	
Option 4 ID :	441009617888																	
Status :	Answered																	
Chosen Option :	1																	

Q.2 7	The thickness of a thread is measured by a student using a microscope of magnification 100. After making 30 observations, he finds the average width of the thread is 5.7 mm. What is the estimated thickness of the thread?																
Ans	<input checked="" type="checkbox"/> 1. 171 mm <input checked="" type="checkbox"/> 2. 0.057 mm <input checked="" type="checkbox"/> 3. 0.09 mm <input checked="" type="checkbox"/> 4. 0.57 mm																
<table border="1"> <tbody> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153565</td></tr> <tr><td>Option 1 ID :</td><td>441009609432</td></tr> <tr><td>Option 2 ID :</td><td>441009609431</td></tr> <tr><td>Option 3 ID :</td><td>441009609430</td></tr> <tr><td>Option 4 ID :</td><td>441009609433</td></tr> <tr><td>Status :</td><td>Marked For Review</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </tbody> </table>		Question Type :	MCQ	Question ID :	441009153565	Option 1 ID :	441009609432	Option 2 ID :	441009609431	Option 3 ID :	441009609430	Option 4 ID :	441009609433	Status :	Marked For Review	Chosen Option :	1
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Option 2 ID :	441009609431																
Option 3 ID :	441009609430																
Option 4 ID :	441009609433																
Status :	Marked For Review																
Chosen Option :	1																
Q.2 8	Four chairs and a table set up cost ₹22,000. Determine the table's cost, if it is ₹2,000 more expensive than the chair.																
Ans	<input checked="" type="checkbox"/> 1. ₹5,000 <input checked="" type="checkbox"/> 2. ₹4,000 <input checked="" type="checkbox"/> 3. ₹6,000 <input checked="" type="checkbox"/> 4. ₹6,500																
<table border="1"> <tbody> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153594</td></tr> <tr><td>Option 1 ID :</td><td>441009609547</td></tr> <tr><td>Option 2 ID :</td><td>441009609546</td></tr> <tr><td>Option 3 ID :</td><td>441009609548</td></tr> <tr><td>Option 4 ID :</td><td>441009609549</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </tbody> </table>		Question Type :	MCQ	Question ID :	441009153594	Option 1 ID :	441009609547	Option 2 ID :	441009609546	Option 3 ID :	441009609548	Option 4 ID :	441009609549	Status :	Answered	Chosen Option :	3
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Question ID :	441009153594																
Option 1 ID :	441009609547																
Option 2 ID :	441009609546																
Option 3 ID :	441009609548																
Option 4 ID :	441009609549																
Status :	Answered																
Chosen Option :	3																
Q.2 9	The speed of a train is 144 km/hr. The distance covered by the train in 12 seconds is:																
Ans	<input checked="" type="checkbox"/> 1. 480 m <input checked="" type="checkbox"/> 2. 103 m <input checked="" type="checkbox"/> 3. 78 m <input checked="" type="checkbox"/> 4. 518 m																
<table border="1"> <tbody> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153635</td></tr> <tr><td>Option 1 ID :</td><td>441009609711</td></tr> <tr><td>Option 2 ID :</td><td>441009609710</td></tr> <tr><td>Option 3 ID :</td><td>441009609713</td></tr> <tr><td>Option 4 ID :</td><td>441009609712</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 :	441009153635	Option 1 ID :	441009609711	Option 2 ID :	441009609710	Option 3 ID :	441009609713	Option 4 ID :	441009609712	Status :	Answered	Chosen Option :	1
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Question ID :	441009153635																
Option 1 ID :	441009609711																
Option 2 ID :	441009609710																
Option 3 ID :	441009609713																
Option 4 ID :	441009609712																
Status :	Answered																
Chosen Option :	1																

Q.3 0	Calculate the resistance of the bulb filament if it draws 200 mA current from 220 V source.
Ans	<input checked="" type="checkbox"/> 1. 44 Ω <input checked="" type="checkbox"/> 2. 1100 Ω <input checked="" type="checkbox"/> 3. 0 Ω <input checked="" type="checkbox"/> 4. 220 Ω

Question Type :	MCQ
Question ID :	441009153521
Option 1 ID :	441009609255
Option 2 ID :	441009609254
Option 3 ID :	441009609257
Option 4 ID :	441009609256
Status :	Answered
Chosen Option :	2

Q.3 1	Which of the following is an ethical concern related to Information Technology?
Ans	<input checked="" type="checkbox"/> 1. Privacy violations and data breaches <input checked="" type="checkbox"/> 2. Enhancement of communication channels <input checked="" type="checkbox"/> 3. Reduction in administrative costs <input checked="" type="checkbox"/> 4. Increased accessibility to educational resources

Question Type :	MCQ
Question ID :	441009156685
Option 1 ID :	441009621904
Option 2 ID :	441009621906
Option 3 ID :	441009621905
Option 4 ID :	441009621903
Status :	Answered
Chosen Option :	1

Q.3 2	A shopkeeper sells sugar at ₹30 per kg, which he has bought at ₹24 per kg. Being dishonest, he also gives only y gm of sugar instead of 1000 gm that is mentioned on the weight. In this way, the shopkeeper manages to make an overall profit of $66\frac{2}{3}\%$. What is the value of y?
Ans	<input checked="" type="checkbox"/> 1. 720 <input checked="" type="checkbox"/> 2. 750 <input checked="" type="checkbox"/> 3. 600 <input checked="" type="checkbox"/> 4. 800

Question Type :	MCQ
Question ID :	441009153658
Option 1 ID :	441009609802
Option 2 ID :	441009609805
Option 3 ID :	441009609803
Option 4 ID :	441009609804
Status :	Answered
Chosen Option :	2

Q.3	What is the value of 100 g in SI units?																	
3																		
Ans	<input checked="" type="checkbox"/> 1. 100 kg <input checked="" type="checkbox"/> 2. 0.1 kg <input checked="" type="checkbox"/> 3. 1 kg <input checked="" type="checkbox"/> 4. 10 kg																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153562</td></tr> <tr><td>Option 1 ID :</td><td>441009609418</td></tr> <tr><td>Option 2 ID :</td><td>441009609421</td></tr> <tr><td>Option 3 ID :</td><td>441009609419</td></tr> <tr><td>Option 4 ID :</td><td>441009609420</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>	Question Type :	MCQ	Question ID :	441009153562	Option 1 ID :	441009609418	Option 2 ID :	441009609421	Option 3 ID :	441009609419	Option 4 ID :	441009609420	Status :	Answered	Chosen Option :	2
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Question ID :	441009153562																	
Option 1 ID :	441009609418																	
Option 2 ID :	441009609421																	
Option 3 ID :	441009609419																	
Option 4 ID :	441009609420																	
Status :	Answered																	
Chosen Option :	2																	
Q.3	The weights (in kg) of 20 students of a class have been recorded as 35, 42, 56, 44, 55, 44, 36, 44, 49, 48, 55, 35, 44, 47, 49, 48, 56, 44, 37 and 35. The modal weight (in kg) of the class is:																	
4																		
Ans	<input checked="" type="checkbox"/> 1. 47 <input checked="" type="checkbox"/> 2. 37 <input checked="" type="checkbox"/> 3. 44 <input checked="" type="checkbox"/> 4. 45																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160919</td></tr> <tr><td>Option 1 ID :</td><td>441009637381</td></tr> <tr><td>Option 2 ID :</td><td>441009637383</td></tr> <tr><td>Option 3 ID :</td><td>441009637382</td></tr> <tr><td>Option 4 ID :</td><td>441009637384</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 :	441009160919	Option 1 ID :	441009637381	Option 2 ID :	441009637383	Option 3 ID :	441009637382	Option 4 ID :	441009637384	Status :	Answered	Chosen Option :	3
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Question ID :	441009160919																	
Option 1 ID :	441009637381																	
Option 2 ID :	441009637383																	
Option 3 ID :	441009637382																	
Option 4 ID :	441009637384																	
Status :	Answered																	
Chosen Option :	3																	
Q.3	Which term is used to describe the closeness of the measured value to the standard or true value?																	
5																		
Ans	<input checked="" type="checkbox"/> 1. Accuracy <input checked="" type="checkbox"/> 2. Mean <input checked="" type="checkbox"/> 3. Approximate <input checked="" type="checkbox"/> 4. Precision																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153567</td></tr> <tr><td>Option 1 ID :</td><td>441009609438</td></tr> <tr><td>Option 2 ID :</td><td>441009609441</td></tr> <tr><td>Option 3 ID :</td><td>441009609440</td></tr> <tr><td>Option 4 ID :</td><td>441009609439</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 :	441009153567	Option 1 ID :	441009609438	Option 2 ID :	441009609441	Option 3 ID :	441009609440	Option 4 ID :	441009609439	Status :	Answered	Chosen Option :	1
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Question ID :	441009153567																	
Option 1 ID :	441009609438																	
Option 2 ID :	441009609441																	
Option 3 ID :	441009609440																	
Option 4 ID :	441009609439																	
Status :	Answered																	
Chosen Option :	1																	

<p>Q.3 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation? 47 D 25 A 5 C 2 B 9 = ?</p>	<table border="1"> <tr> <td>Question Type :</td> <td>MCQ</td> </tr> <tr> <td>Question ID :</td> <td>441009155593</td> </tr> <tr> <td>Option 1 ID :</td> <td>441009617539</td> </tr> <tr> <td>Option 2 ID :</td> <td>441009617540</td> </tr> <tr> <td>Option 3 ID :</td> <td>441009617542</td> </tr> <tr> <td>Option 4 ID :</td> <td>441009617541</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 :	441009155593	Option 1 ID :	441009617539	Option 2 ID :	441009617540	Option 3 ID :	441009617542	Option 4 ID :	441009617541	Status :	Answered	Chosen Option :	4
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Option 1 ID :	441009617539																
Option 2 ID :	441009617540																
Option 3 ID :	441009617542																
Option 4 ID :	441009617541																
Status :	Answered																
Chosen Option :	4																
<p>Ans</p> <p><input type="checkbox"/> 1. 56</p> <p><input type="checkbox"/> 2. 58</p> <p><input type="checkbox"/> 3. 62</p> <p><input checked="" type="checkbox"/> 4. 60</p>																	
<p>Q.3 What is the dimensional equation of mass density (ρ) ? 7</p>	<table border="1"> <tr> <td>Question Type :</td> <td>MCQ</td> </tr> <tr> <td>Question ID :</td> <td>441009153568</td> </tr> <tr> <td>Option 1 ID :</td> <td>441009609444</td> </tr> <tr> <td>Option 2 ID :</td> <td>441009609445</td> </tr> <tr> <td>Option 3 ID :</td> <td>441009609443</td> </tr> <tr> <td>Option 4 ID :</td> <td>441009609442</td> </tr> <tr> <td>Status :</td> <td>Answered</td> </tr> <tr> <td>Chosen Option :</td> <td>3</td> </tr> </table>	Question Type :	MCQ	Question ID :	441009153568	Option 1 ID :	441009609444	Option 2 ID :	441009609445	Option 3 ID :	441009609443	Option 4 ID :	441009609442	Status :	Answered	Chosen Option :	3
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Question ID :	441009153568																
Option 1 ID :	441009609444																
Option 2 ID :	441009609445																
Option 3 ID :	441009609443																
Option 4 ID :	441009609442																
Status :	Answered																
Chosen Option :	3																
<p>Ans</p> <p><input type="checkbox"/> 1. $[M L^{-3} T^{-2}]$</p> <p><input type="checkbox"/> 2. $[M L^{-2} T^0]$</p> <p><input checked="" type="checkbox"/> 3. $[M L^{-3} T^0]$</p> <p><input type="checkbox"/> 4. $[M^0 L^3 T^0]$</p>																	
<p>Q.3 How is a voltmeter connected in a circuit to measure potential difference? 8</p>	<table border="1"> <tr> <td>Question Type :</td> <td>MCQ</td> </tr> <tr> <td>Question ID :</td> <td>441009153528</td> </tr> <tr> <td>Option 1 ID :</td> <td>441009609282</td> </tr> <tr> <td>Option 2 ID :</td> <td>441009609284</td> </tr> <tr> <td>Option 3 ID :</td> <td>441009609283</td> </tr> <tr> <td>Option 4 ID :</td> <td>441009609285</td> </tr> <tr> <td>Status :</td> <td>Answered</td> </tr> <tr> <td>Chosen Option :</td> <td>2</td> </tr> </table>	Question Type :	MCQ	Question ID :	441009153528	Option 1 ID :	441009609282	Option 2 ID :	441009609284	Option 3 ID :	441009609283	Option 4 ID :	441009609285	Status :	Answered	Chosen Option :	2
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Question ID :	441009153528																
Option 1 ID :	441009609282																
Option 2 ID :	441009609284																
Option 3 ID :	441009609283																
Option 4 ID :	441009609285																
Status :	Answered																
Chosen Option :	2																
<p>Ans</p> <p><input type="checkbox"/> 1. In series with the circuit</p> <p><input checked="" type="checkbox"/> 2. In parallel across the points where potential difference is to be measured</p> <p><input type="checkbox"/> 3. Neither in series nor in parallel</p> <p><input type="checkbox"/> 4. Directly to the power source only</p>																	

Q.3 What is the SI unit for solid angle?
9

Ans 1. Radian
 2. Steradian
 3. Metre
 4. Candela

Question Type :	MCQ
Question ID :	441009153569
Option 1 ID :	441009609446
Option 2 ID :	441009609448
Option 3 ID :	441009609449
Option 4 ID :	441009609447
Status :	Answered
Chosen Option :	2

Q.4 What type of view is represented of the given machine component?
0

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

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

<p>Q.4 1</p>	<p>ABC Association meeting is to be held on the 2nd Sunday of next month. The cost of the registration is ₹50 per person. Lunch will be provided to the participants at an additional cost of ₹24. If the number of participants who paid for lunch was 100 more than the members who did not, and if the total receipts for registrations and lunch is ₹69,400, how many people registered and how many lunches are to be prepared, respectively?</p>																
<p>Ans</p>	<p><input type="checkbox"/> 1. 1100 and 1100</p> <p><input checked="" type="checkbox"/> 2. 1100 and 600</p> <p><input type="checkbox"/> 3. 1100 and 500</p> <p><input type="checkbox"/> 4. 500 and 600</p>																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153593</td></tr> <tr><td>Option 1 ID :</td><td>441009609545</td></tr> <tr><td>Option 2 ID :</td><td>441009609542</td></tr> <tr><td>Option 3 ID :</td><td>441009609544</td></tr> <tr><td>Option 4 ID :</td><td>441009609543</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 :	441009153593	Option 1 ID :	441009609545	Option 2 ID :	441009609542	Option 3 ID :	441009609544	Option 4 ID :	441009609543	Status :	Not Attempted and Marked For Review	Chosen Option :	--
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Question ID :	441009153593																
Option 1 ID :	441009609545																
Option 2 ID :	441009609542																
Option 3 ID :	441009609544																
Option 4 ID :	441009609543																
Status :	Not Attempted and Marked For Review																
Chosen Option :	--																
<p>Q.4 2</p>	<p>A can do a work in 14 hours. B can do the same work in 21 hours. A started working alone. After how many hours should B join A so that the whole work is completed in 10 hours?</p>																
<p>Ans</p>	<p><input type="checkbox"/> 1. 3</p> <p><input type="checkbox"/> 2. 4.5</p> <p><input type="checkbox"/> 3. 3.5</p> <p><input checked="" type="checkbox"/> 4. 4</p>																
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Option 1 ID :	441009609778																
Option 2 ID :	441009609781																
Option 3 ID :	441009609779																
Option 4 ID :	441009609780																
Status :	Answered																
Chosen Option :	4																

Q.4 3	Which of the following is NOT an SI unit?																			
Ans	<input checked="" type="checkbox"/> 1. Metre																			
	<input checked="" type="checkbox"/> 2. Mole																			
	<input checked="" type="checkbox"/> 3. Kilogram																			
	<input checked="" type="checkbox"/> 4. Hour																			
<table border="1" style="border-collapse: collapse; width: 100%;"> <tbody> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153564</td></tr> <tr><td>Option 1 ID :</td><td>441009609427</td></tr> <tr><td>Option 2 ID :</td><td>441009609426</td></tr> <tr><td>Option 3 ID :</td><td>441009609428</td></tr> <tr><td>Option 4 ID :</td><td>441009609429</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 :	441009153564	Option 1 ID :	441009609427	Option 2 ID :	441009609426	Option 3 ID :	441009609428	Option 4 ID :	441009609429	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																			
Question ID :	441009153564																			
Option 1 ID :	441009609427																			
Option 2 ID :	441009609426																			
Option 3 ID :	441009609428																			
Option 4 ID :	441009609429																			
Status :	Answered																			
Chosen Option :	4																			
Q.4 4	If the length, the breadth, and the height of a cuboid are 5 m, 2 m, and 50 cm, respectively, then find its volume.																			
Ans	<input checked="" type="checkbox"/> 1. 20 m ³																			
	<input checked="" type="checkbox"/> 2. 5 m ³																			
	<input checked="" type="checkbox"/> 3. 50 m ³																			
	<input checked="" type="checkbox"/> 4. 500 m ³																			
<table border="1" style="border-collapse: collapse; width: 100%;"> <tbody> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153677</td></tr> <tr><td>Option 1 ID :</td><td>441009609880</td></tr> <tr><td>Option 2 ID :</td><td>441009609878</td></tr> <tr><td>Option 3 ID :</td><td>441009609881</td></tr> <tr><td>Option 4 ID :</td><td>441009609879</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 :	441009153677	Option 1 ID :	441009609880	Option 2 ID :	441009609878	Option 3 ID :	441009609881	Option 4 ID :	441009609879	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																			
Question ID :	441009153677																			
Option 1 ID :	441009609880																			
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Option 3 ID :	441009609881																			
Option 4 ID :	441009609879																			
Status :	Answered																			
Chosen Option :	4																			
Q.4 5	Which is the least number that must be subtracted from 5563 to make it exactly divisible by 18?																			
Ans	<input checked="" type="checkbox"/> 1. 3																			
	<input checked="" type="checkbox"/> 2. 1																			
	<input checked="" type="checkbox"/> 3. 7																			
	<input checked="" type="checkbox"/> 4. 5																			
<table border="1" style="border-collapse: collapse; width: 100%;"> <tbody> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153661</td></tr> <tr><td>Option 1 ID :</td><td>441009609814</td></tr> <tr><td>Option 2 ID :</td><td>441009609815</td></tr> <tr><td>Option 3 ID :</td><td>441009609817</td></tr> <tr><td>Option 4 ID :</td><td>441009609816</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </tbody> </table>					Question Type :	MCQ	Question ID :	441009153661	Option 1 ID :	441009609814	Option 2 ID :	441009609815	Option 3 ID :	441009609817	Option 4 ID :	441009609816	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																			
Question ID :	441009153661																			
Option 1 ID :	441009609814																			
Option 2 ID :	441009609815																			
Option 3 ID :	441009609817																			
Option 4 ID :	441009609816																			
Status :	Answered																			
Chosen Option :	2																			

Q.4 6	Which of the following actions involves scientific work?																		
Ans	<input checked="" type="checkbox"/> 1. Climbing up the stairs <input type="checkbox"/> 2. Watching a film <input type="checkbox"/> 3. Spending time conversing with friends <input type="checkbox"/> 4. Holding a large load on one's head while standing motionless																		
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153533</td></tr> <tr><td>Option 1 ID :</td><td>441009609304</td></tr> <tr><td>Option 2 ID :</td><td>441009609305</td></tr> <tr><td>Option 3 ID :</td><td>441009609303</td></tr> <tr><td>Option 4 ID :</td><td>441009609302</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>				Question Type :	MCQ	Question ID :	441009153533	Option 1 ID :	441009609304	Option 2 ID :	441009609305	Option 3 ID :	441009609303	Option 4 ID :	441009609302	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																		
Question ID :	441009153533																		
Option 1 ID :	441009609304																		
Option 2 ID :	441009609305																		
Option 3 ID :	441009609303																		
Option 4 ID :	441009609302																		
Status :	Answered																		
Chosen Option :	1																		
Q.4 7	If an electric load draws a current of 2 A for 1 second, then calculate the number of electrons (with charge 1.6×10^{-19} C) passing through the load.																		
Ans	<input checked="" type="checkbox"/> 1. 1.25×10^{19} <input type="checkbox"/> 2. 0.25×10^{19} <input type="checkbox"/> 3. 1.25×10^{20} <input type="checkbox"/> 4. 0.25×10^{20}																		
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153525</td></tr> <tr><td>Option 1 ID :</td><td>441009609270</td></tr> <tr><td>Option 2 ID :</td><td>441009609272</td></tr> <tr><td>Option 3 ID :</td><td>441009609271</td></tr> <tr><td>Option 4 ID :</td><td>441009609273</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 :	441009153525	Option 1 ID :	441009609270	Option 2 ID :	441009609272	Option 3 ID :	441009609271	Option 4 ID :	441009609273	Status :	Not Attempted and Marked For Review	Chosen Option :	--
Question Type :	MCQ																		
Question ID :	441009153525																		
Option 1 ID :	441009609270																		
Option 2 ID :	441009609272																		
Option 3 ID :	441009609271																		
Option 4 ID :	441009609273																		
Status :	Not Attempted and Marked For Review																		
Chosen Option :	--																		
Q.4 8	In a certain code language, 'WIDE' is coded as '8694' and 'INKS' is coded as '3917'. What is the code for 'I' in the given code language?																		
Ans	<input type="checkbox"/> 1. 3 <input type="checkbox"/> 2. 6 <input checked="" type="checkbox"/> 3. 9 <input type="checkbox"/> 4. 7																		
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155623</td></tr> <tr><td>Option 1 ID :</td><td>441009617660</td></tr> <tr><td>Option 2 ID :</td><td>441009617661</td></tr> <tr><td>Option 3 ID :</td><td>441009617659</td></tr> <tr><td>Option 4 ID :</td><td>441009617662</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 :	441009155623	Option 1 ID :	441009617660	Option 2 ID :	441009617661	Option 3 ID :	441009617659	Option 4 ID :	441009617662	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																		
Question ID :	441009155623																		
Option 1 ID :	441009617660																		
Option 2 ID :	441009617661																		
Option 3 ID :	441009617659																		
Option 4 ID :	441009617662																		
Status :	Answered																		
Chosen Option :	3																		

Q.4	Which of the following statements is NOT true?																
9																	
Ans	<input checked="" type="checkbox"/> 1. Clinical thermometer should not be used to measure the temperature of boiling water. <input checked="" type="checkbox"/> 2. Clinical and laboratory thermometers are the same. <input checked="" type="checkbox"/> 3. The range of clinical thermometer is 35 to 42°C. <input checked="" type="checkbox"/> 4. Laboratory thermometer cannot be used to measure body temperature.																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160726</td></tr> <tr><td>Option 1 ID :</td><td>441009636690</td></tr> <tr><td>Option 2 ID :</td><td>441009636689</td></tr> <tr><td>Option 3 ID :</td><td>441009636692</td></tr> <tr><td>Option 4 ID :</td><td>441009636691</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 :	441009160726	Option 1 ID :	441009636690	Option 2 ID :	441009636689	Option 3 ID :	441009636692	Option 4 ID :	441009636691	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009160726																
Option 1 ID :	441009636690																
Option 2 ID :	441009636689																
Option 3 ID :	441009636692																
Option 4 ID :	441009636691																
Status :	Answered																
Chosen Option :	2																
Q.5	Which of the following statements is INCORRECT?																
0																	
Ans	<input checked="" type="checkbox"/> 1. Burning of feet on hot sand is an example of heat transfer by conduction. <input checked="" type="checkbox"/> 2. Conduction is the process of heat transfer from hotter body to colder body. <input checked="" type="checkbox"/> 3. Conduction is the process of heat transfer that does not require any medium to transfer heat. <input checked="" type="checkbox"/> 4. In solids, heat transfer is typically carried out through conduction.																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160723</td></tr> <tr><td>Option 1 ID :</td><td>441009636680</td></tr> <tr><td>Option 2 ID :</td><td>441009636677</td></tr> <tr><td>Option 3 ID :</td><td>441009636678</td></tr> <tr><td>Option 4 ID :</td><td>441009636679</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 :	441009160723	Option 1 ID :	441009636680	Option 2 ID :	441009636677	Option 3 ID :	441009636678	Option 4 ID :	441009636679	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009160723																
Option 1 ID :	441009636680																
Option 2 ID :	441009636677																
Option 3 ID :	441009636678																
Option 4 ID :	441009636679																
Status :	Answered																
Chosen Option :	3																
Q.5	Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)																
1																	
Ans	<input checked="" type="checkbox"/> 1. JNEL <input checked="" type="checkbox"/> 2. UYPW <input checked="" type="checkbox"/> 3. CGXF <input checked="" type="checkbox"/> 4. QULS																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155642</td></tr> <tr><td>Option 1 ID :</td><td>441009617736</td></tr> <tr><td>Option 2 ID :</td><td>441009617737</td></tr> <tr><td>Option 3 ID :</td><td>441009617735</td></tr> <tr><td>Option 4 ID :</td><td>441009617738</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 :	441009155642	Option 1 ID :	441009617736	Option 2 ID :	441009617737	Option 3 ID :	441009617735	Option 4 ID :	441009617738	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																
Question ID :	441009155642																
Option 1 ID :	441009617736																
Option 2 ID :	441009617737																
Option 3 ID :	441009617735																
Option 4 ID :	441009617738																
Status :	Answered																
Chosen Option :	3																

Q.5	A mass m is moving with a velocity v and its kinetic energy is K . What will be the new kinetic energy if the velocity is doubled?
2	
Ans	<input checked="" type="checkbox"/> 1. $K/2$
	<input checked="" type="checkbox"/> 2. K
	<input checked="" type="checkbox"/> 3. $4K$
	<input checked="" type="checkbox"/> 4. $2K$

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

Q.5	T-Square is used to _____ in engineering drawings.
3	
Ans	<input checked="" type="checkbox"/> 1. draw curved lines on drawing sheets
	<input checked="" type="checkbox"/> 2. support the drawing paper/tracing paper for making drawings
	<input checked="" type="checkbox"/> 3. draw horizontal lines, parallel lines and to guide/hold the setsquares
	<input checked="" type="checkbox"/> 4. transfer dimensions and dividing lines into a number of equal parts

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

Q.5	A shopkeeper allows a discount of 18% on the marked price of an article and sells it for ₹2,870. Find the marked price of the article.
4	
Ans	<input checked="" type="checkbox"/> 1. ₹3,200
	<input checked="" type="checkbox"/> 2. ₹3,350
	<input checked="" type="checkbox"/> 3. ₹3,500
	<input checked="" type="checkbox"/> 4. ₹3,460

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

Q.5	By how much is 60% of 50 greater than $\frac{4}{5}$ of 35?
Ans	<input checked="" type="checkbox"/> 1. 1 <input checked="" type="checkbox"/> 2. 2 <input checked="" type="checkbox"/> 3. 4 <input checked="" type="checkbox"/> 4. 3

Question Type :	MCQ
Question ID :	441009153629
Option 1 ID :	441009609687
Option 2 ID :	441009609686
Option 3 ID :	441009609688
Option 4 ID :	441009609689
Status :	Answered
Chosen Option :	2

Q.5	Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets?
6	<p>(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)</p> <p>988 – 494 – 444 – 534; 894 – 447 – 397 – 487</p>
Ans	<input checked="" type="checkbox"/> 1. 138 – 69 – 14 – 98 <input checked="" type="checkbox"/> 2. 682 – 341 – 291 – 381 <input checked="" type="checkbox"/> 3. 226 – 113 – 144 – 268 <input checked="" type="checkbox"/> 4. 586 – 293 – 244 – 328

Question Type :	MCQ
Question ID :	441009155595
Option 1 ID :	441009617548
Option 2 ID :	441009617550
Option 3 ID :	441009617547
Option 4 ID :	441009617549
Status :	Not Attempted and Marked For Review
Chosen Option :	--

Q.5 In an electrical circuit, 'n' number of 1 Ω resistors are connected in parallel. When one of the resistors is eliminated, the overall resistance of the circuit is _____.

Ans 1. Zero

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

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

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

Question Type :	MCQ
Question ID :	441009153517
Option 1 ID :	441009609241
Option 2 ID :	441009609238
Option 3 ID :	441009609240
Option 4 ID :	441009609239
Status :	Answered
Chosen Option :	3

Q.5 What should come in place of the question mark (?) in the given series?
8
WU5, SQ7, NL11, ?

Ans 1. HE15

2. HF13

3. HF17

4. GE17

Question Type :	MCQ
Question ID :	441009155679
Option 1 ID :	441009617885
Option 2 ID :	441009617884
Option 3 ID :	441009617886
Option 4 ID :	441009617883
Status :	Answered
Chosen Option :	3

Q.5	Which of the following is the correct statement of Ohm's Law?																
9																	
Ans	<p><input checked="" type="checkbox"/> 1. If the potential difference across the two ends of a conductor is 1 V and the current through it is 1A, then the resistance of the conductor is 2Ω.</p> <p><input checked="" type="checkbox"/> 2. The potential difference across the ends of a conductor is directly proportional to the current flowing through it.</p> <p><input checked="" type="checkbox"/> 3. Current through a resistor is directly proportional to its resistance.</p> <p><input checked="" type="checkbox"/> 4. The potential difference across the ends of a conductor is inversely proportional to the current flowing through it.</p>																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153522</td></tr> <tr><td>Option 1 ID :</td><td>441009609261</td></tr> <tr><td>Option 2 ID :</td><td>441009609258</td></tr> <tr><td>Option 3 ID :</td><td>441009609260</td></tr> <tr><td>Option 4 ID :</td><td>441009609259</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 :	441009153522	Option 1 ID :	441009609261	Option 2 ID :	441009609258	Option 3 ID :	441009609260	Option 4 ID :	441009609259	Status :	Answered	Chosen Option :	2
Question Type :	MCQ																
Question ID :	441009153522																
Option 1 ID :	441009609261																
Option 2 ID :	441009609258																
Option 3 ID :	441009609260																
Option 4 ID :	441009609259																
Status :	Answered																
Chosen Option :	2																
Q.6	Which element is used in thermometers?																
0																	
Ans	<p><input checked="" type="checkbox"/> 1. Bromine</p> <p><input checked="" type="checkbox"/> 2. Lead</p> <p><input checked="" type="checkbox"/> 3. Gallium</p> <p><input checked="" type="checkbox"/> 4. Mercury</p>																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160728</td></tr> <tr><td>Option 1 ID :</td><td>441009636698</td></tr> <tr><td>Option 2 ID :</td><td>441009636697</td></tr> <tr><td>Option 3 ID :</td><td>441009636700</td></tr> <tr><td>Option 4 ID :</td><td>441009636699</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 :	441009160728	Option 1 ID :	441009636698	Option 2 ID :	441009636697	Option 3 ID :	441009636700	Option 4 ID :	441009636699	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009160728																
Option 1 ID :	441009636698																
Option 2 ID :	441009636697																
Option 3 ID :	441009636700																
Option 4 ID :	441009636699																
Status :	Answered																
Chosen Option :	4																

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

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

Question Type : MCQ

Question ID : 441009155659

Option 1 ID : 441009617804

Option 2 ID : 441009617805

Option 3 ID : 441009617803

Option 4 ID : 441009617806

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.6 2 The marked price of an article was ₹27,500. The shopkeeper gave two successive discounts; the first discount was 20%, and the second was at a rate of 30% of the first discount. What is the selling price (in ₹) of the article?

- Ans
- 1. 20,860
 - 2. 20,086
 - 3. 20,680
 - 4. 26,080

Question Type : MCQ

Question ID : 441009153638

Option 1 ID : 441009609725

Option 2 ID : 441009609722

Option 3 ID : 441009609723

Option 4 ID : 441009609724

Status : Answered

Chosen Option : 3

Q.6 3 A person saves 50% of his income. If his expenditure is ₹440, then his income (in ₹) is:

- Ans
- 1. 920
 - 2. 880
 - 3. 600
 - 4. 560

Question Type : MCQ

Question ID : 441009160917

Option 1 ID : 441009637376

Option 2 ID : 441009637373

Option 3 ID : 441009637374

Option 4 ID : 441009637375

Status : Answered

Chosen Option : 2

Q.6 E, F, G, H, P, Q, and R, are sitting around a circular table facing the centre. F sits third to the left of H. Only two people sit between H and G when counted from the right of H. Q is an immediate neighbor of G. P is NOT an immediate neighbour of H. E is an immediate neighbour of Q.
Who sits second to the left of E?

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

Question Type : **MCQ**

Question ID : **441009155671**

Option 1 ID : **441009617853**

Option 2 ID : **441009617852**

Option 3 ID : **441009617851**

Option 4 ID : **441009617854**

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.6 If 24 joules of work is done in moving a charge of 2 coulombs across two points, then what will be the correct voltage across these two points?

- Ans**
- 1. 24 V
 - 2. 12 V
 - 3. 48 V
 - 4. 2 V

Question Type : **MCQ**

Question ID : **441009153524**

Option 1 ID : **441009609268**

Option 2 ID : **441009609266**

Option 3 ID : **441009609267**

Option 4 ID : **441009609269**

Status : **Answered**

Chosen Option : 2

Q.6 Which of the following is generally the temperature range in a laboratory thermometer?

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

Question Type : **MCQ**

Question ID : **441009154534**

Option 1 ID : **441009613299**

Option 2 ID : **441009613298**

Option 3 ID : **441009613301**

Option 4 ID : **441009613300**

Status : **Not Answered**

Chosen Option : --

Q.6 7	Given below are two sets of numbers. Both the sets are formed using the same mathematical equations or follow a common pattern. Which of the given options follows the same set of mathematical equations or patterns as the sets given in the question? 4 - 9 - 25 - 64 - 169; 16 - 49 - 121 - 324 - 841
Ans	<input checked="" type="checkbox"/> 1. 4 - 16 - 36 - 64 - 100 <input checked="" type="checkbox"/> 2. 64 - 225 - 529 - 1444 - 3721 <input checked="" type="checkbox"/> 3. 64 - 100 - 144 - 196 - 256 <input checked="" type="checkbox"/> 4. 16 - 36 - 64 - 100 - 144

Question Type :	MCQ
Question ID :	441009155613
Option 1 ID :	441009617619
Option 2 ID :	441009617620
Option 3 ID :	441009617621
Option 4 ID :	441009617622
Status :	Not Attempted and Marked For Review
Chosen Option :	--

Q.6 8	If 21.6 : x :: x : 29.4, and $x > 0$, then find the value of x.
Ans	<input checked="" type="checkbox"/> 1. 25.4 <input checked="" type="checkbox"/> 2. 23.3 <input checked="" type="checkbox"/> 3. 23.9 <input checked="" type="checkbox"/> 4. 25.2

Question Type :	MCQ
Question ID :	441009153610
Option 1 ID :	441009609612
Option 2 ID :	441009609611
Option 3 ID :	441009609613
Option 4 ID :	441009609610
Status :	Not Answered
Chosen Option :	--

Q.6 9	What is necessary for a circuit to have electric current flowing through it?
Ans	<input checked="" type="checkbox"/> 1. Only switch <input checked="" type="checkbox"/> 2. A closed conducting path with a voltage source <input checked="" type="checkbox"/> 3. Only bulb <input checked="" type="checkbox"/> 4. Only wire

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

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

0

Ans

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

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

Q.7 1 If $x + y + z = 0$, then find the value of $\frac{x^2}{2yz} + \frac{y^2}{2xz} + \frac{z^2}{2xy}$.

Ans

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

Question Type :	MCQ
Question ID :	441009153590
Option 1 ID :	441009609531
Option 2 ID :	441009609533
Option 3 ID :	441009609532
Option 4 ID :	441009609530
Status :	Not Answered
Chosen Option :	--

<p>Q.7 2</p>	<p>A man rides a bicycle from Point A to Point B in 10 minutes and comes back to Point B along the same path in 10 minutes. If the distance between Points A and B is 1 km, calculate his average velocity?</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. 1.6 m/s</p> <p><input type="checkbox"/> 2. 3.3 m/s</p> <p><input type="checkbox"/> 3. 0.1 m/s</p> <p><input checked="" type="checkbox"/> 4. 0 m/s</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>441009153540</td></tr> <tr><td>Option 1 ID :</td><td>441009609330</td></tr> <tr><td>Option 2 ID :</td><td>441009609331</td></tr> <tr><td>Option 3 ID :</td><td>441009609333</td></tr> <tr><td>Option 4 ID :</td><td>441009609332</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 :	441009153540	Option 1 ID :	441009609330	Option 2 ID :	441009609331	Option 3 ID :	441009609333	Option 4 ID :	441009609332	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009153540																	
Option 1 ID :	441009609330																	
Option 2 ID :	441009609331																	
Option 3 ID :	441009609333																	
Option 4 ID :	441009609332																	
Status :	Answered																	
Chosen Option :	4																	
<p>Q.7 3</p>	<p>Which of the following is NOT correct about Joule's law of heating?</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. Heat produced in a resistor is directly proportional to the time for which the current flows through the resistor.</p> <p><input type="checkbox"/> 2. Heat produced in a resistor is directly proportional to the resistance for a given current.</p> <p><input type="checkbox"/> 3. Heat produced in a resistor is directly proportional to the square of the current for a given resistance.</p> <p><input checked="" type="checkbox"/> 4. Heat produced in a resistor is inversely proportional to the square of the current for a given resistance.</p>																	
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153516</td></tr> <tr><td>Option 1 ID :</td><td>441009609237</td></tr> <tr><td>Option 2 ID :</td><td>441009609235</td></tr> <tr><td>Option 3 ID :</td><td>441009609234</td></tr> <tr><td>Option 4 ID :</td><td>441009609236</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </table>			Question Type :	MCQ	Question ID :	441009153516	Option 1 ID :	441009609237	Option 2 ID :	441009609235	Option 3 ID :	441009609234	Option 4 ID :	441009609236	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009153516																	
Option 1 ID :	441009609237																	
Option 2 ID :	441009609235																	
Option 3 ID :	441009609234																	
Option 4 ID :	441009609236																	
Status :	Answered																	
Chosen Option :	4																	
<p>Q.7 4</p>	<p>What should come in place of the question mark (?) in the given series? 62 73 87 104 124 ?</p>																	
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. 147</p> <p><input type="checkbox"/> 2. 153</p> <p><input type="checkbox"/> 3. 142</p> <p><input type="checkbox"/> 4. 134</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>441009155602</td></tr> <tr><td>Option 1 ID :</td><td>441009617576</td></tr> <tr><td>Option 2 ID :</td><td>441009617578</td></tr> <tr><td>Option 3 ID :</td><td>441009617575</td></tr> <tr><td>Option 4 ID :</td><td>441009617577</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 :	441009155602	Option 1 ID :	441009617576	Option 2 ID :	441009617578	Option 3 ID :	441009617575	Option 4 ID :	441009617577	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																	
Question ID :	441009155602																	
Option 1 ID :	441009617576																	
Option 2 ID :	441009617578																	
Option 3 ID :	441009617575																	
Option 4 ID :	441009617577																	
Status :	Answered																	
Chosen Option :	1																	

Q.7 Study the given table carefully and answer the question that follows.
5

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

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

Ans ✓ 1. 31

✗ 2. 21

✗ 3. 33

✗ 4. 28

Question Type : MCQ

Question ID : 441009155612

Option 1 ID : 441009617618

Option 2 ID : 441009617617

Option 3 ID : 441009617616

Option 4 ID : 441009617615

Status : Answered

Chosen Option : 1

Q.7 ఒక పాత భవనానికి శక్తి-సామర్థ్యం కలిగిన కిటికీలు అమర్చడం శక్తి వినియోగాన్ని
6 ఏవిధంగా ప్రభావితం చేస్తుంది?

Ans ✗ 1. భవనం లోపల ఉష్ణోగ్రతలు పెరగడానికి కారణమవుతుంది.

✗ 2. ఇంధన వినియోగం మీద ఎలాంటి ప్రభావం ఉండదు

✗ 3. కృత్రిమ కాంతి అవసరం పెంచుతుంది

✓ 4. భవనంలో హీటింగ్ మరియు కూలింగ్ ఖర్చులు తగ్గిస్తుంది

Question Type : MCQ

Question ID : 441009158538

Option 1 ID : 441009629090

Option 2 ID : 441009629088

Option 3 ID : 441009629087

Option 4 ID : 441009629089

Status : Answered

Chosen Option : 4

Q.7 7	క్రింది వాటిలో నేలలో సీసం మరియు పాదరసం లాంటి భారీ లోహాలు పేరుకుపోవడానికి ఏది కారణమవుతుంది?	<p>Ans</p> <p><input type="checkbox"/> 1. సహజసిద్ధంగా మృత్తిక ఏర్పడడం</p> <p><input type="checkbox"/> 2. ఓజోన్ పొర క్షీణించడం</p> <p><input type="checkbox"/> 3. నీటి బాష్పీభవనం</p> <p><input checked="" type="checkbox"/> 4. పారిశ్రామిక వ్యర్థాలను సరైన రీతిలో పారవేయకపోవడం</p>	<p>Question Type : MCQ</p> <p>Question ID : 441009158543</p> <p>Option 1 ID : 441009629110</p> <p>Option 2 ID : 441009629107</p> <p>Option 3 ID : 441009629109</p> <p>Option 4 ID : 441009629108</p> <p>Status : Answered</p> <p>Chosen Option : 4</p>
Q.7 8	Why is regular maintenance of HVAC systems considered a medium ECO?	<p>Ans</p> <p><input type="checkbox"/> 1. It increases the cost of energy.</p> <p><input checked="" type="checkbox"/> 2. It decreases the system's energy consumption.</p> <p><input type="checkbox"/> 3. It speeds up system breakdowns.</p> <p><input type="checkbox"/> 4. It prevents overheating of the system.</p>	<p>Question Type : MCQ</p> <p>Question ID : 441009158539</p> <p>Option 1 ID : 441009629093</p> <p>Option 2 ID : 441009629092</p> <p>Option 3 ID : 441009629094</p> <p>Option 4 ID : 441009629091</p> <p>Status : Not Answered</p> <p>Chosen Option : --</p>
Q.7 9	What is the kinetic energy possessed by an object having mass 25 kg and moving with a uniform velocity of 2 m s^{-1} ?	<p>Ans</p> <p><input type="checkbox"/> 1. 100 J</p> <p><input checked="" type="checkbox"/> 2. 50 J</p> <p><input type="checkbox"/> 3. 120 J</p> <p><input type="checkbox"/> 4. 80 J</p>	<p>Question Type : MCQ</p> <p>Question ID : 441009153531</p> <p>Option 1 ID : 441009609296</p> <p>Option 2 ID : 441009609295</p> <p>Option 3 ID : 441009609294</p> <p>Option 4 ID : 441009609297</p> <p>Status : Answered</p> <p>Chosen Option : 2</p>

Q.8 0	Which of the following is a main greenhouse gas that is responsible for global warming?																	
Ans	<input checked="" type="checkbox"/> 1. Oxygen																	
	<input checked="" type="checkbox"/> 2. Helium																	
	<input checked="" type="checkbox"/> 3. Carbon Dioxide																	
	<input checked="" type="checkbox"/> 4. Nitrogen																	
		<table border="1"> <tbody> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009158546</td></tr> <tr><td>Option 1 ID :</td><td>441009629122</td></tr> <tr><td>Option 2 ID :</td><td>441009629121</td></tr> <tr><td>Option 3 ID :</td><td>441009629119</td></tr> <tr><td>Option 4 ID :</td><td>441009629120</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </tbody> </table>	Question Type :	MCQ	Question ID :	441009158546	Option 1 ID :	441009629122	Option 2 ID :	441009629121	Option 3 ID :	441009629119	Option 4 ID :	441009629120	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																	
Question ID :	441009158546																	
Option 1 ID :	441009629122																	
Option 2 ID :	441009629121																	
Option 3 ID :	441009629119																	
Option 4 ID :	441009629120																	
Status :	Answered																	
Chosen Option :	3																	
Q.8 1	Which of the following statements is correct?																	
Ans	<input checked="" type="checkbox"/> 1. Dry air is a good conductor of heat.																	
	<input checked="" type="checkbox"/> 2. Plastic and wood allow heat to pass through them easily.																	
	<input checked="" type="checkbox"/> 3. All metals are poor conductors of heat.																	
	<input checked="" type="checkbox"/> 4. Copper and aluminium are good conductors of heat.																	
		<table border="1"> <tbody> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154530</td></tr> <tr><td>Option 1 ID :</td><td>441009613284</td></tr> <tr><td>Option 2 ID :</td><td>441009613283</td></tr> <tr><td>Option 3 ID :</td><td>441009613282</td></tr> <tr><td>Option 4 ID :</td><td>441009613285</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </tbody> </table>	Question Type :	MCQ	Question ID :	441009154530	Option 1 ID :	441009613284	Option 2 ID :	441009613283	Option 3 ID :	441009613282	Option 4 ID :	441009613285	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009154530																	
Option 1 ID :	441009613284																	
Option 2 ID :	441009613283																	
Option 3 ID :	441009613282																	
Option 4 ID :	441009613285																	
Status :	Answered																	
Chosen Option :	4																	
Q.8 2	A force of 6 N is exerted on an object, resulting in its displacement of 2 m in the direction of the force. If the force is constant during the displacement, what is the work done in this case?																	
Ans	<input checked="" type="checkbox"/> 1. 3 J																	
	<input checked="" type="checkbox"/> 2. 10 J																	
	<input checked="" type="checkbox"/> 3. 25 J																	
	<input checked="" type="checkbox"/> 4. 12 J																	
		<table border="1"> <tbody> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153532</td></tr> <tr><td>Option 1 ID :</td><td>441009609299</td></tr> <tr><td>Option 2 ID :</td><td>441009609301</td></tr> <tr><td>Option 3 ID :</td><td>441009609300</td></tr> <tr><td>Option 4 ID :</td><td>441009609298</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>4</td></tr> </tbody> </table>	Question Type :	MCQ	Question ID :	441009153532	Option 1 ID :	441009609299	Option 2 ID :	441009609301	Option 3 ID :	441009609300	Option 4 ID :	441009609298	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009153532																	
Option 1 ID :	441009609299																	
Option 2 ID :	441009609301																	
Option 3 ID :	441009609300																	
Option 4 ID :	441009609298																	
Status :	Answered																	
Chosen Option :	4																	

Q.8 Which of the following is NOT correct?
3

Ans

- 1. The motion of satellite around Earth in a circular orbit is uniform circular motion.
- 2. A person jogging in the park is not an example of uniform circular motion.
- 3. The distance-time graph of an object moving with uniform speed is not a straight line.
- 4. An object moving with a constant velocity represents uniform motion.

Question Type :	MCQ
Question ID :	441009153526
Option 1 ID :	441009609274
Option 2 ID :	441009609277
Option 3 ID :	441009609275
Option 4 ID :	441009609276
Status :	Not Answered
Chosen Option :	--

Q.8 Pipes A and B can fill a rectangular tank in 40 minutes and 120 minutes, respectively.
4 Pipe C can empty the completely filled same tank in 240 minutes. If pipes A, B and C are opened at the same time, then how many minutes will it take to fill the tank?

Ans

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

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

Q.8	When reporting a fire in an emergency, what is the most critical information to provide to emergency services?
5	
Ans	<input checked="" type="checkbox"/> 1. How the fire started and if someone is injured or missing <input type="checkbox"/> 2. The weather conditions at the time of the fire <input type="checkbox"/> 3. The likely cause of the fire and the building owner's name <input type="checkbox"/> 4. The colour of the smoke and the direction it is moving

Question Type :	MCQ
Question ID :	441009156609
Option 1 ID :	441009621600
Option 2 ID :	441009621602
Option 3 ID :	441009621601
Option 4 ID :	441009621599
Status :	Answered
Chosen Option :	1

Q.8	In a certain code language, 'GOES' is coded as '8624' and 'SNYC' is coded as '3817'. What is the code for 'S' in the given code language?
6	
Ans	<input type="checkbox"/> 1. 3 <input type="checkbox"/> 2. 2 <input type="checkbox"/> 3. 4 <input checked="" type="checkbox"/> 4. 8

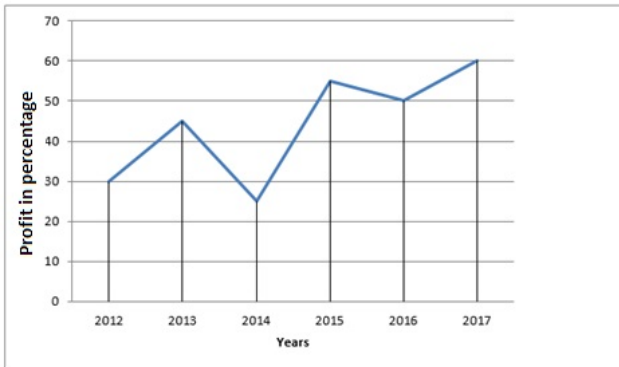
Question Type :	MCQ
Question ID :	441009155625
Option 1 ID :	441009617669
Option 2 ID :	441009617668
Option 3 ID :	441009617670
Option 4 ID :	441009617667
Status :	Answered
Chosen Option :	4

Q.8	What should come in place of the question mark (?) in the given alpha-numeric series?
7	
	Y13, F11, L9, Q7, U5, X3, ?
Ans	<input type="checkbox"/> 1. Y1 <input type="checkbox"/> 2. Z2 <input type="checkbox"/> 3. A1 <input checked="" type="checkbox"/> 4. Z1

Question Type :	MCQ
Question ID :	441009155672
Option 1 ID :	441009617858
Option 2 ID :	441009617856
Option 3 ID :	441009617857
Option 4 ID :	441009617855
Status :	Answered
Chosen Option :	4

Q.8 Study the given graph and answer the question that follows.

8



What is the average profit percentage of the given years?

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

Question Type : MCQ

Question ID : 441009155610

Option 1 ID : 441009617610

Option 2 ID : 441009617607

Option 3 ID : 441009617608

Option 4 ID : 441009617609

Status : Answered

Chosen Option : 3

Q.8 An electric heater of resistance 50Ω uses a current of 3 A. Determine the heat generated in 20 seconds.

9

- Ans
- 1. 1000 J
 - 2. 5000 J
 - 3. 9000 J
 - 4. 60 J

Question Type : MCQ

Question ID : 441009153536

Option 1 ID : 441009609315

Option 2 ID : 441009609314

Option 3 ID : 441009609316

Option 4 ID : 441009609317

Status : Answered

Chosen Option : 3

Q.9
0 In order to resolve disputes arising from cyber crime, such as tampering with computer source documents, hacking the computer system, using password of another person and publishing sensitive personal data of others without their consent, a forum has been established by the Central Government (India) in accordance with the provisions contained under Section 48(1) of the Information Technology Act, 2000. What is the name of that forum?

- Ans
- 1. Cyber Appellate Tribunal
 - 2. National Cybercrime Reporting Station
 - 3. Internet Crime Complaint Center
 - 4. Cybercrime Reporting Tribunal

Question Type : MCQ

Question ID : 441009156682

Option 1 ID : 441009621891

Option 2 ID : 441009621892

Option 3 ID : 441009621894

Option 4 ID : 441009621893

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.9
1 క్రింది వాటిలో, ఒక ఉత్తమ ఉష్ణ వాహకం కానిది ఏది?

- Ans
- 1. రాగి
 - 2. ఫర్(రోమము)
 - 3. అల్కామినియం
 - 4. ఇనుము

Question Type : MCQ

Question ID : 441009154525

Option 1 ID : 441009613265

Option 2 ID : 441009613263

Option 3 ID : 441009613262

Option 4 ID : 441009613264

Status : Answered

Chosen Option : 2

Q.9 2	The two sides CB and BA of triangle ABC are produced to CE and BD, respectively, in such a way that $\angle DAC = 110^\circ$ and $\angle ABE = 130^\circ$. Which of the following options is true?																
Ans	✗ 1. $BC < AB < AC$ ✗ 2. $BC < AC < AB$ ✗ 3. $AB < AC < BC$ ✓ 4. $AC < AB < BC$																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009153668</td></tr> <tr><td>Option 1 ID :</td><td>441009609843</td></tr> <tr><td>Option 2 ID :</td><td>441009609842</td></tr> <tr><td>Option 3 ID :</td><td>441009609844</td></tr> <tr><td>Option 4 ID :</td><td>441009609845</td></tr> <tr><td>Status :</td><td>Not Attempted and Marked For Review</td></tr> <tr><td>Chosen Option :</td><td>--</td></tr> </table>		Question Type :	MCQ	Question ID :	441009153668	Option 1 ID :	441009609843	Option 2 ID :	441009609842	Option 3 ID :	441009609844	Option 4 ID :	441009609845	Status :	Not Attempted and Marked For Review	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009153668																
Option 1 ID :	441009609843																
Option 2 ID :	441009609842																
Option 3 ID :	441009609844																
Option 4 ID :	441009609845																
Status :	Not Attempted and Marked For Review																
Chosen Option :	--																
Q.9 3	Two trains are running in opposite directions at the same speed. The length of each train is 175 m. If they cross each other in 7 s, the speed of each train is:																
Ans	✗ 1. 80 km/hr ✗ 2. 85 km/hr ✗ 3. 75 km/hr ✓ 4. 90 km/hr																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009160921</td></tr> <tr><td>Option 1 ID :</td><td>441009637390</td></tr> <tr><td>Option 2 ID :</td><td>441009637391</td></tr> <tr><td>Option 3 ID :</td><td>441009637389</td></tr> <tr><td>Option 4 ID :</td><td>441009637392</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 :	441009160921	Option 1 ID :	441009637390	Option 2 ID :	441009637391	Option 3 ID :	441009637389	Option 4 ID :	441009637392	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009160921																
Option 1 ID :	441009637390																
Option 2 ID :	441009637391																
Option 3 ID :	441009637389																
Option 4 ID :	441009637392																
Status :	Answered																
Chosen Option :	4																
Q.9 4	Which of the following features is unique to Telegram compared to WhatsApp and Facebook Messenger?																
Ans	✗ 1. Integration with Facebook for seamless sharing ✗ 2. End-to-end encryption for all messages ✗ 3. Voice and video calling capabilities ✓ 4. Ability to create channels for broadcasting messages to large audiences																
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156676</td></tr> <tr><td>Option 1 ID :</td><td>441009621869</td></tr> <tr><td>Option 2 ID :</td><td>441009621867</td></tr> <tr><td>Option 3 ID :</td><td>441009621870</td></tr> <tr><td>Option 4 ID :</td><td>441009621868</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 :	441009156676	Option 1 ID :	441009621869	Option 2 ID :	441009621867	Option 3 ID :	441009621870	Option 4 ID :	441009621868	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009156676																
Option 1 ID :	441009621869																
Option 2 ID :	441009621867																
Option 3 ID :	441009621870																
Option 4 ID :	441009621868																
Status :	Answered																
Chosen Option :	4																

Q.9	5	What is the primary purpose of netiquette in online communication?																
Ans	<input checked="" type="checkbox"/> 1. To increase the number of followers on social media <input checked="" type="checkbox"/> 2. To enhance internet connection speed <input checked="" type="checkbox"/> 3. To ensure polite and respectful interactions <input checked="" type="checkbox"/> 4. To improve typing speed																	
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156677</td></tr> <tr><td>Option 1 ID :</td><td>441009621874</td></tr> <tr><td>Option 2 ID :</td><td>441009621873</td></tr> <tr><td>Option 3 ID :</td><td>441009621872</td></tr> <tr><td>Option 4 ID :</td><td>441009621871</td></tr> <tr><td>Status :</td><td>Not Answered</td></tr> <tr><td>Chosen Option :</td><td>--</td></tr> </table>			Question Type :	MCQ	Question ID :	441009156677	Option 1 ID :	441009621874	Option 2 ID :	441009621873	Option 3 ID :	441009621872	Option 4 ID :	441009621871	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																	
Question ID :	441009156677																	
Option 1 ID :	441009621874																	
Option 2 ID :	441009621873																	
Option 3 ID :	441009621872																	
Option 4 ID :	441009621871																	
Status :	Not Answered																	
Chosen Option :	--																	
Q.9	6	What is the ratio of the areas of two successive format sheet sizes created by either halving along the length or doubling along the width?																
Ans	<input checked="" type="checkbox"/> 1. 1 : 4 <input checked="" type="checkbox"/> 2. 4 : 1 <input checked="" type="checkbox"/> 3. 2 : 1 <input checked="" type="checkbox"/> 4. 1 : 2																	
<table border="1" style="border-collapse: collapse; width: 100%;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156566</td></tr> <tr><td>Option 1 ID :</td><td>441009621429</td></tr> <tr><td>Option 2 ID :</td><td>441009621430</td></tr> <tr><td>Option 3 ID :</td><td>441009621427</td></tr> <tr><td>Option 4 ID :</td><td>441009621428</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>			Question Type :	MCQ	Question ID :	441009156566	Option 1 ID :	441009621429	Option 2 ID :	441009621430	Option 3 ID :	441009621427	Option 4 ID :	441009621428	Status :	Answered	Chosen Option :	3
Question Type :	MCQ																	
Question ID :	441009156566																	
Option 1 ID :	441009621429																	
Option 2 ID :	441009621430																	
Option 3 ID :	441009621427																	
Option 4 ID :	441009621428																	
Status :	Answered																	
Chosen Option :	3																	



Q.9	7	<p>Eight people are sitting in two parallel rows containing 4 people each in such a way that there is equal distance between adjacent persons. In row 1 – A, B, C and D are seated and all of them are facing south. In row 2 – P, Q, R and S are seated and all of them are facing north. Thus each person faces another person from the other row. No one sits to the left of B. R faces the person who sits second to the right of D. C faces the person who is the immediate neighbour of Q and R, B does not face S. Who amongst the following faces P?</p>
Ans		<p><input checked="" type="checkbox"/> 1. D</p> <p><input checked="" type="checkbox"/> 2. B</p> <p><input checked="" type="checkbox"/> 3. C</p> <p><input checked="" type="checkbox"/> 4. A</p>

Question Type :	MCQ
Question ID :	441009155638
Option 1 ID :	441009617721
Option 2 ID :	441009617720
Option 3 ID :	441009617719
Option 4 ID :	441009617722
Status :	Not Attempted and Marked For Review
Chosen Option :	--

Q.9	8	<p>Which of the following keyboard shortcuts on a Windows 10 home screen opens the item's properties?</p>
Ans		<p><input checked="" type="checkbox"/> 1. Tab + Del</p> <p><input checked="" type="checkbox"/> 2. Insert + Alt</p> <p><input checked="" type="checkbox"/> 3. Alt + Enter</p> <p><input checked="" type="checkbox"/> 4. F2 + Alt</p>

Question Type :	MCQ
Question ID :	441009156684
Option 1 ID :	441009621899
Option 2 ID :	441009621901
Option 3 ID :	441009621900
Option 4 ID :	441009621902
Status :	Not Answered
Chosen Option :	--

Q.9 Which of the following tools is commonly used to support the 'Standardize' step in the 5S methodology?

Ans

- 1. Cleaning supplies
- 2. Labels and signs
- 3. Job cycle charts
- 4. Floor markings

Question Type :	MCQ
Question ID :	441009156602
Option 1 ID :	441009621571
Option 2 ID :	441009621574
Option 3 ID :	441009621573
Option 4 ID :	441009621572
Status :	Answered
Chosen Option :	3

Q.1 Which of the following options is NOT a necessary characteristic of a kite?

Ans

- 1. At least one diagonal is bisected by the other diagonal.
- 2. At least one pair of opposite angles is congruent.
- 3. The pairs of opposite angles are bisected by the corresponding diagonals.
- 4. The diagonals are perpendicular to each other.

Question Type :	MCQ
Question ID :	441009153671
Option 1 ID :	441009609855
Option 2 ID :	441009609857
Option 3 ID :	441009609856
Option 4 ID :	441009609854
Status :	Not Answered
Chosen Option :	--

Section : PART-B

<p>Q.1 As we know from the graduation of micrometer, if we give one full round to thimble, its spindle moves $\frac{1}{2}$ mm forward or backward. Therefore, one part of the thimble is its _____.</p>																	
<p>Ans <input checked="" type="checkbox"/> 1. Pitch</p>																	
<p><input checked="" type="checkbox"/> 2. Lead</p>																	
<p><input checked="" type="checkbox"/> 3. Least count</p>																	
<p><input checked="" type="checkbox"/> 4. MSR</p>																	
	<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155186</td></tr> <tr><td>Option 1 ID :</td><td>441009615892</td></tr> <tr><td>Option 2 ID :</td><td>441009615893</td></tr> <tr><td>Option 3 ID :</td><td>441009615891</td></tr> <tr><td>Option 4 ID :</td><td>441009615890</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 :	441009155186	Option 1 ID :	441009615892	Option 2 ID :	441009615893	Option 3 ID :	441009615891	Option 4 ID :	441009615890	Status :	Answered	Chosen Option :	1
Question Type :	MCQ																
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Option 2 ID :	441009615893																
Option 3 ID :	441009615891																
Option 4 ID :	441009615890																
Status :	Answered																
Chosen Option :	1																
<p>Q.2 As we know from the graduation of micrometer, if we give one full round to thimble, its spindle moves $\frac{1}{2}$ mm forward or backward. A buck part can be divided into 0 to 50 parts. The least count of the micrometer is _____ mm.</p>																	
<p>Ans <input checked="" type="checkbox"/> 1. 0.01</p>																	
<p><input checked="" type="checkbox"/> 2. 0.10</p>																	
<p><input checked="" type="checkbox"/> 3. 0.05</p>																	
<p><input checked="" type="checkbox"/> 4. 0.50</p>																	
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Option 1 ID :	441009615878																
Option 2 ID :	441009615879																
Option 3 ID :	441009615880																
Option 4 ID :	441009615881																
Status :	Answered																
Chosen Option :	2																
<p>Q.3 What is the purpose of the porous structure of honing stones?</p>																	
<p>Ans <input checked="" type="checkbox"/> 1. To increase hardness</p>																	
<p><input checked="" type="checkbox"/> 2. To help in chip clearance</p>																	
<p><input checked="" type="checkbox"/> 3. To reduce friction</p>																	
<p><input checked="" type="checkbox"/> 4. To make the tool lighter</p>																	
	<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154904</td></tr> <tr><td>Option 1 ID :</td><td>441009614762</td></tr> <tr><td>Option 2 ID :</td><td>441009614763</td></tr> <tr><td>Option 3 ID :</td><td>441009614764</td></tr> <tr><td>Option 4 ID :</td><td>441009614765</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 :	441009154904	Option 1 ID :	441009614762	Option 2 ID :	441009614763	Option 3 ID :	441009614764	Option 4 ID :	441009614765	Status :	Not Answered	Chosen Option :	--
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Question ID :	441009154904																
Option 1 ID :	441009614762																
Option 2 ID :	441009614763																
Option 3 ID :	441009614764																
Option 4 ID :	441009614765																
Status :	Not Answered																
Chosen Option :	--																

Q.4 A 100-mm prick punch with a 7-mm diameter body could have a 2.5-mm diameter point ground to an angle of _____.

- Ans**
- 1. 45°
 - 2. 120°
 - 3. 30°
 - 4. 90°

Question Type :	MCQ
Question ID :	441009156629
Option 1 ID :	441009621680
Option 2 ID :	441009621682
Option 3 ID :	441009621679
Option 4 ID :	441009621681
Status :	Answered
Chosen Option :	3

Q.5 Which of the following colours is commonly used for caution signs?

- Ans**
- 1. Red
 - 2. Green
 - 3. Yellow
 - 4. Blue

Question Type :	MCQ
Question ID :	441009156601
Option 1 ID :	441009621570
Option 2 ID :	441009621567
Option 3 ID :	441009621569
Option 4 ID :	441009621568
Status :	Answered
Chosen Option :	3

Q.6 Which of the following tools is used to remove burrs from the inner surface of a pipe after cutting?

- Ans**
- 1. Pipe Reamer
 - 2. Threading Die
 - 3. Pipe Cutter
 - 4. Pipe Tap

Question Type :	MCQ
Question ID :	441009154878
Option 1 ID :	441009614660
Option 2 ID :	441009614659
Option 3 ID :	441009614658
Option 4 ID :	441009614661
Status :	Answered
Chosen Option :	1

Q.7 Which of the following statements about slip gauges is true?
Ans <input checked="" type="checkbox"/> 1. Slip gauges are used for setting measuring instruments.
<input type="checkbox"/> 2. Slip gauges are flexible and can bend easily.
<input type="checkbox"/> 3. Slip gauges are used only for rough measurements.
<input type="checkbox"/> 4. Slip gauges do not require calibration.

Question Type :	MCQ
Question ID :	441009155134
Option 1 ID :	441009615683
Option 2 ID :	441009615685
Option 3 ID :	441009615682
Option 4 ID :	441009615684
Status :	Answered
Chosen Option :	1

Q.8 The wave set of hacksaw teeth set has a pitch of _____.
Ans <input type="checkbox"/> 1. 1.0 mm
<input type="checkbox"/> 2. 2.0 mm
<input checked="" type="checkbox"/> 3. 0.8 mm
<input type="checkbox"/> 4. 0.5 mm

Question Type :	MCQ
Question ID :	441009156637
Option 1 ID :	441009621712
Option 2 ID :	441009621714
Option 3 ID :	441009621713
Option 4 ID :	441009621711
Status :	Not Answered
Chosen Option :	--

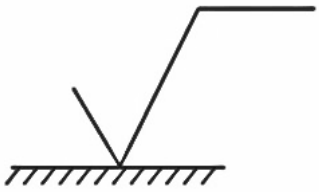
Q.9 What is the minimum age for employment in factories or mines or other hazardous employment, according to Article 24 of the Indian Constitution?
Ans <input type="checkbox"/> 1. 12 years
<input type="checkbox"/> 2. 16 years
<input type="checkbox"/> 3. 18 years
<input checked="" type="checkbox"/> 4. 14 years

Question Type :	MCQ
Question ID :	441009156607
Option 1 ID :	441009621594
Option 2 ID :	441009621591
Option 3 ID :	441009621592
Option 4 ID :	441009621593
Status :	Answered
Chosen Option :	4

<p>Q.1 0</p>	<p>Which of the following best describes the application of Atomic Hydrogen Welding (AHW)?</p>																
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. It is commonly used over modern welding methods due to its efficiency.</p> <p><input checked="" type="checkbox"/> 2. It is mainly preferred for low-temperature welding of soft metals.</p> <p><input checked="" type="checkbox"/> 3. It is used for all ferrous and non-ferrous metals with a high-temperature arc.</p> <p><input checked="" type="checkbox"/> 4. It generates a lower temperature arc than other arc welding processes.</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>441009162133</td></tr> <tr><td>Option 1 ID :</td><td>441009642187</td></tr> <tr><td>Option 2 ID :</td><td>441009642186</td></tr> <tr><td>Option 3 ID :</td><td>441009642185</td></tr> <tr><td>Option 4 ID :</td><td>441009642188</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 :	441009162133	Option 1 ID :	441009642187	Option 2 ID :	441009642186	Option 3 ID :	441009642185	Option 4 ID :	441009642188	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009162133																
Option 1 ID :	441009642187																
Option 2 ID :	441009642186																
Option 3 ID :	441009642185																
Option 4 ID :	441009642188																
Status :	Not Answered																
Chosen Option :	--																
<p>Q.1 1</p>	<p>_____ must be ascribed for the sake of convenience and is the size of a part in relation to which all limits of variation are determined.</p>																
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. Actual size</p> <p><input checked="" type="checkbox"/> 2. Basic size or zero size</p> <p><input checked="" type="checkbox"/> 3. Nominal size</p> <p><input checked="" type="checkbox"/> 4. Basic size alone</p>																
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Question ID :	441009155195																
Option 1 ID :	441009615928																
Option 2 ID :	441009615929																
Option 3 ID :	441009615926																
Option 4 ID :	441009615927																
Status :	Answered																
Chosen Option :	2																



Q.1 What does the surface finish symbol shown in the given figure represent?
2



Ans

- 1. No machining is required on this surface.
- 2. The surface must be left in its cast or forged state.
- 3. The surface should be coated without material removal.
- 4. A specific surface texture requirement is indicated.

Question Type :	MCQ
Question ID :	441009155104
Option 1 ID :	441009615563
Option 2 ID :	441009615565
Option 3 ID :	441009615564
Option 4 ID :	441009615562
Status :	Answered
Chosen Option :	1

Q.1 Convert 8.5% into a decimal.
3

Ans

- 1. 8.5
- 2. 0.085
- 3. 0.85
- 4. 85

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

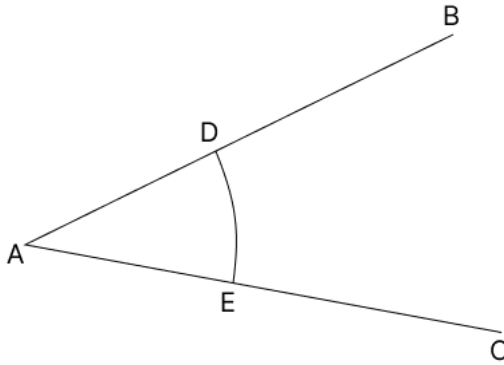
<p>Q.1 4</p>	<p>When passing stationary vehicles, keep a watch on _____ who may come out suddenly from the front of the stationary vehicle. While overtaking, it should be done on the _____ side. Always keep a good _____ between your vehicle and others.</p>
<p>Ans</p>	<p><input type="checkbox"/> 1. cyclists;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

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

<p>Q.1 5</p>	<p>Which of the following statements is NOT correct for using scribers?</p>
<p>Ans</p>	<p><input type="checkbox"/> 1. While scribing lines, the scriber is used like a pencil.</p> <p><input type="checkbox"/> 2. Do not put the scriber in your pocket.</p> <p><input type="checkbox"/> 3. Scriber points are very sharp, so they are to be handled very carefully.</p> <p><input checked="" type="checkbox"/> 4. Place a cork on the point when in use to prevent accidents.</p>

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

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



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

Question Type :	MCQ
Question ID :	441009156572
Option 1 ID :	441009621453
Option 2 ID :	441009621452
Option 3 ID :	441009621451
Option 4 ID :	441009621454
Status :	Not Answered
Chosen Option :	--

Q.1
7 What is the primary objective of preventive maintenance?

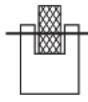
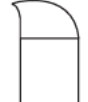
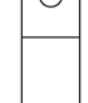

- Ans
- 1. To increase production speed
 - 2. To prevent equipment failures through regular inspections and upkeep
 - 3. To eliminate the need for maintenance altogether
 - 4. To repair equipment only after failure occurs

Question Type :	MCQ
Question ID :	441009154893
Option 1 ID :	441009614720
Option 2 ID :	441009614719
Option 3 ID :	441009614721
Option 4 ID :	441009614718
Status :	Answered
Chosen Option :	2

Q.1 8	What is the SI unit of 'volume'?																	
Ans	<input checked="" type="checkbox"/> 1. Cubic metre <input type="checkbox"/> 2. Cubic centimetre <input type="checkbox"/> 3. Litres <input type="checkbox"/> 4. Millilitres																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009161837</td></tr> <tr><td>Option 1 ID :</td><td>441009641003</td></tr> <tr><td>Option 2 ID :</td><td>441009641002</td></tr> <tr><td>Option 3 ID :</td><td>441009641001</td></tr> <tr><td>Option 4 ID :</td><td>441009641004</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 :	441009161837	Option 1 ID :	441009641003	Option 2 ID :	441009641002	Option 3 ID :	441009641001	Option 4 ID :	441009641004	Status :	Answered	Chosen Option :	1
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Question ID :	441009161837																	
Option 1 ID :	441009641003																	
Option 2 ID :	441009641002																	
Option 3 ID :	441009641001																	
Option 4 ID :	441009641004																	
Status :	Answered																	
Chosen Option :	1																	
Q.1 9	Which of the following 'V' blocks will have one 'V' groove and two grooves (slots) on either side for clamping in two positions?																	
Ans	<input type="checkbox"/> 1. Double level single groove 'V' block <input type="checkbox"/> 2. Single level single groove 'V' block <input checked="" type="checkbox"/> 3. Single level double groove 'V' block <input type="checkbox"/> 4. Matched pair 'V' block																	
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Question ID :	441009240893																	
Option 1 ID :	441009941531																	
Option 2 ID :	441009941529																	
Option 3 ID :	441009941530																	
Option 4 ID :	441009941532																	
Status :	Answered																	
Chosen Option :	3																	
Q.2 0	What does the symbol of a circle with a small arrow inside it represent?																	
Ans	<input type="checkbox"/> 1. Accumulator <input type="checkbox"/> 2. Filter <input type="checkbox"/> 3. Pump <input checked="" type="checkbox"/> 4. Motor																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154867</td></tr> <tr><td>Option 1 ID :</td><td>441009614615</td></tr> <tr><td>Option 2 ID :</td><td>441009614617</td></tr> <tr><td>Option 3 ID :</td><td>441009614614</td></tr> <tr><td>Option 4 ID :</td><td>441009614616</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 :	441009154867	Option 1 ID :	441009614615	Option 2 ID :	441009614617	Option 3 ID :	441009614614	Option 4 ID :	441009614616	Status :	Not Answered	Chosen Option :	--
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Option 3 ID :	441009614614																	
Option 4 ID :	441009614616																	
Status :	Not Answered																	
Chosen Option :	--																	

Q.2 1	Which type of honing tool is best suited for high-speed automated honing operations?																
Ans	<input checked="" type="checkbox"/> 1. Portable honing tool <input checked="" type="checkbox"/> 2. Multi-stone honing tool <input checked="" type="checkbox"/> 3. Single-stone hand honing tool <input checked="" type="checkbox"/> 4. Bench honing tool																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154885</td></tr> <tr><td>Option 1 ID :</td><td>441009614686</td></tr> <tr><td>Option 2 ID :</td><td>441009614687</td></tr> <tr><td>Option 3 ID :</td><td>441009614688</td></tr> <tr><td>Option 4 ID :</td><td>441009614689</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 :	441009154885	Option 1 ID :	441009614686	Option 2 ID :	441009614687	Option 3 ID :	441009614688	Option 4 ID :	441009614689	Status :	Answered	Chosen Option :	2
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Option 1 ID :	441009614686																
Option 2 ID :	441009614687																
Option 3 ID :	441009614688																
Option 4 ID :	441009614689																
Status :	Answered																
Chosen Option :	2																
Q.2 2	Which of the following correctly differentiates a cutting blowpipe/torch from a welding blowpipe/torch?																
Ans	<input checked="" type="checkbox"/> 1. A cutting blowpipe has 3 control valves, while a welding blowpipe has 1. <input checked="" type="checkbox"/> 2. A cutting blowpipe has 1 control valve, while a welding blowpipe has 2 control valves. <input checked="" type="checkbox"/> 3. A cutting blowpipe has 2 control valves and 1 lever, while a welding blowpipe has 2 control valves. <input checked="" type="checkbox"/> 4. A cutting blowpipe has 2 levers, while a welding blowpipe has 1 lever.																
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Option 2 ID :	441009642183																
Option 3 ID :	441009642182																
Option 4 ID :	441009642184																
Status :	Not Answered																
Chosen Option :	--																

Q.2 Match the following.
3

(A)	Threading tool	(P)	
(B)	Profile tool	(Q)	
(C)	Facing tool	(R)	
(D)	Knurling tool	(S)	

Ans

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

Question Type :	MCQ
Question ID :	441009162154
Option 1 ID :	441009642269
Option 2 ID :	441009642270
Option 3 ID :	441009642271
Option 4 ID :	441009642272
Status :	Answered
Chosen Option :	1

Q.2 The type of feed primarily used for grooving operations on a lathe is ____ feed.
4

Ans

- ✗ 1. longitudinal
- ✗ 2. rotary
- ✗ 3. angular
- ✓ 4. cross

Question Type :	MCQ
Question ID :	441009155154
Option 1 ID :	441009615762
Option 2 ID :	441009615765
Option 3 ID :	441009615764
Option 4 ID :	441009615763
Status :	Answered
Chosen Option :	1

Q.2 5	_____ are the greatest option for experts due to their durability and flexibility.																
Ans	<input checked="" type="checkbox"/> 1. High-carbon steel blades <input checked="" type="checkbox"/> 2. Fine-toothed blades <input checked="" type="checkbox"/> 3. Coarse-toothed blades <input checked="" type="checkbox"/> 4. Bi-metal blades																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155138</td></tr> <tr><td>Option 1 ID :</td><td>441009615701</td></tr> <tr><td>Option 2 ID :</td><td>441009615698</td></tr> <tr><td>Option 3 ID :</td><td>441009615699</td></tr> <tr><td>Option 4 ID :</td><td>441009615700</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 :	441009155138	Option 1 ID :	441009615701	Option 2 ID :	441009615698	Option 3 ID :	441009615699	Option 4 ID :	441009615700	Status :	Not Answered	Chosen Option :	--
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Option 2 ID :	441009615698																
Option 3 ID :	441009615699																
Option 4 ID :	441009615700																
Status :	Not Answered																
Chosen Option :	--																

Q.2 6	A material with high toughness must have:																
Ans	<input checked="" type="checkbox"/> 1. high strength and high ductility <input checked="" type="checkbox"/> 2. low strength and low ductility <input checked="" type="checkbox"/> 3. high strength and low ductility <input checked="" type="checkbox"/> 4. high ductility and low strength																
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Option 1 ID :	441009615800																
Option 2 ID :	441009615801																
Option 3 ID :	441009615798																
Option 4 ID :	441009615799																
Status :	Answered																
Chosen Option :	1																

Q.2 7	Which of the following types of chisels is used for separating metals after chain drilling?																
Ans	<input checked="" type="checkbox"/> 1. Flat chisel <input checked="" type="checkbox"/> 2. Diamond point chisel <input checked="" type="checkbox"/> 3. Web chisel <input checked="" type="checkbox"/> 4. Cross-cut chisel																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156640</td></tr> <tr><td>Option 1 ID :</td><td>441009621723</td></tr> <tr><td>Option 2 ID :</td><td>441009621725</td></tr> <tr><td>Option 3 ID :</td><td>441009621726</td></tr> <tr><td>Option 4 ID :</td><td>441009621724</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 :	441009156640	Option 1 ID :	441009621723	Option 2 ID :	441009621725	Option 3 ID :	441009621726	Option 4 ID :	441009621724	Status :	Answered	Chosen Option :	3
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Option 2 ID :	441009621725																
Option 3 ID :	441009621726																
Option 4 ID :	441009621724																
Status :	Answered																
Chosen Option :	3																

Q.2	If the length of a resistor is doubled, what happens to its resistance, assuming all other factors remain constant?																
8																	
Ans	<input checked="" type="checkbox"/> 1. The resistance quadruples. <input checked="" type="checkbox"/> 2. The resistance is halved. <input checked="" type="checkbox"/> 3. The resistance is doubled. <input checked="" type="checkbox"/> 4. The resistance remains the same.																
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Question ID :	441009156530																
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Option 2 ID :	441009621283																
Option 3 ID :	441009621285																
Option 4 ID :	441009621284																
Status :	Answered																
Chosen Option :	3																
Q.2	Which of the following terms in the 5S concept refers to making a habit of maintaining the established procedures?																
9																	
Ans	<input checked="" type="checkbox"/> 1. Set <input checked="" type="checkbox"/> 2. Sustain <input checked="" type="checkbox"/> 3. Shine <input checked="" type="checkbox"/> 4. Sort																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009240884</td></tr> <tr><td>Option 1 ID :</td><td>441009941494</td></tr> <tr><td>Option 2 ID :</td><td>441009941495</td></tr> <tr><td>Option 3 ID :</td><td>441009941496</td></tr> <tr><td>Option 4 ID :</td><td>441009941493</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>2</td></tr> </table>		Question Type :	MCQ	Question ID :	441009240884	Option 1 ID :	441009941494	Option 2 ID :	441009941495	Option 3 ID :	441009941496	Option 4 ID :	441009941493	Status :	Answered	Chosen Option :	2
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Option 2 ID :	441009941495																
Option 3 ID :	441009941496																
Option 4 ID :	441009941493																
Status :	Answered																
Chosen Option :	2																
Q.3	What is the unit of measurement used for thread pitch in the metric system?																
0																	
Ans	<input checked="" type="checkbox"/> 1. Degrees <input checked="" type="checkbox"/> 2. Millimetres (mm) <input checked="" type="checkbox"/> 3. Newtons <input checked="" type="checkbox"/> 4. Threads per inch (TPI)																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155128</td></tr> <tr><td>Option 1 ID :</td><td>441009615660</td></tr> <tr><td>Option 2 ID :</td><td>441009615658</td></tr> <tr><td>Option 3 ID :</td><td>441009615661</td></tr> <tr><td>Option 4 ID :</td><td>441009615659</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 :	441009155128	Option 1 ID :	441009615660	Option 2 ID :	441009615658	Option 3 ID :	441009615661	Option 4 ID :	441009615659	Status :	Answered	Chosen Option :	4
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Option 2 ID :	441009615658																
Option 3 ID :	441009615661																
Option 4 ID :	441009615659																
Status :	Answered																
Chosen Option :	4																

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

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

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

Q.3 During the turning operation on lathe, if D is the initial diameter and d is the final diameter of the work piece, the depth of cut, t, is calculated by _____.

- Ans**
- 1. $t = D - d$
 - 2. $t = D / d$
 - 3. $t = (D - d) / 2$
 - 4. $t = (D + d) / 2$

Question Type :	MCQ
Question ID :	441009155152
Option 1 ID :	441009615754
Option 2 ID :	441009615757
Option 3 ID :	441009615756
Option 4 ID :	441009615755
Status :	Answered
Chosen Option :	3

Q.3 How does the grain size of a grinding wheel affect material removal rate (MRR) and surface finish?

- Ans**
- 1. Coarse grain wheel provides low MRR and fine finish.
 - 2. Fine grain wheel provides high MRR and rough finish.
 - 3. Grain size does not affect MRR or finish.
 - 4. Coarse grain wheel provides high MRR and rough finish, while fine grain wheel provides low MRR and fine finish.

Question Type :	MCQ
Question ID :	441009154894
Option 1 ID :	441009614724
Option 2 ID :	441009614723
Option 3 ID :	441009614725
Option 4 ID :	441009614722
Status :	Answered
Chosen Option :	4

Q.3	Which of the following is NOT a part of the micrometer?																
4																	
Ans	<input checked="" type="checkbox"/> 1. Jam <input type="checkbox"/> 2. Spindle <input type="checkbox"/> 3. Anvil <input type="checkbox"/> 4. Frame																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155184</td></tr> <tr><td>Option 1 ID :</td><td>441009615885</td></tr> <tr><td>Option 2 ID :</td><td>441009615884</td></tr> <tr><td>Option 3 ID :</td><td>441009615883</td></tr> <tr><td>Option 4 ID :</td><td>441009615882</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 :	441009155184	Option 1 ID :	441009615885	Option 2 ID :	441009615884	Option 3 ID :	441009615883	Option 4 ID :	441009615882	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009615884																
Option 3 ID :	441009615883																
Option 4 ID :	441009615882																
Status :	Answered																
Chosen Option :	1																

Q.3	Which of the following is the primary reason why copper is widely used as a conductor in electrical wiring?																
5																	
Ans	<input type="checkbox"/> 1. Copper has high resistance to electricity. <input type="checkbox"/> 2. Copper is abundant and inexpensive. <input checked="" type="checkbox"/> 3. Copper has low resistance and high conductivity. <input type="checkbox"/> 4. Copper has a low melting point.																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156532</td></tr> <tr><td>Option 1 ID :</td><td>441009621292</td></tr> <tr><td>Option 2 ID :</td><td>441009621293</td></tr> <tr><td>Option 3 ID :</td><td>441009621294</td></tr> <tr><td>Option 4 ID :</td><td>441009621291</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 :	441009156532	Option 1 ID :	441009621292	Option 2 ID :	441009621293	Option 3 ID :	441009621294	Option 4 ID :	441009621291	Status :	Answered	Chosen Option :	3
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Option 1 ID :	441009621292																
Option 2 ID :	441009621293																
Option 3 ID :	441009621294																
Option 4 ID :	441009621291																
Status :	Answered																
Chosen Option :	3																

Q.3	What is the typical temperature range of a mercury-based clinical thermometer?																
6																	
Ans	<input checked="" type="checkbox"/> 1. 35°C to 42°C <input type="checkbox"/> 2. 0°C to 100°C <input type="checkbox"/> 3. -10°C to 110°C <input type="checkbox"/> 4. 0°C to 50°C																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009240901</td></tr> <tr><td>Option 1 ID :</td><td>441009941562</td></tr> <tr><td>Option 2 ID :</td><td>441009941564</td></tr> <tr><td>Option 3 ID :</td><td>441009941563</td></tr> <tr><td>Option 4 ID :</td><td>441009941561</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>		Question Type :	MCQ	Question ID :	441009240901	Option 1 ID :	441009941562	Option 2 ID :	441009941564	Option 3 ID :	441009941563	Option 4 ID :	441009941561	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009941564																
Option 3 ID :	441009941563																
Option 4 ID :	441009941561																
Status :	Answered																
Chosen Option :	1																

Q.3 7	A voltmeter with a resistance of 10,000 ohms is connected across a circuit that has a voltage of 50 V. What is the current flowing through the voltmeter?																
Ans	<input checked="" type="checkbox"/> 1. 5 mA <input type="checkbox"/> 2. 1 mA <input type="checkbox"/> 3. 2 mA <input type="checkbox"/> 4. 4 mA																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156535</td></tr> <tr><td>Option 1 ID :</td><td>441009621306</td></tr> <tr><td>Option 2 ID :</td><td>441009621303</td></tr> <tr><td>Option 3 ID :</td><td>441009621304</td></tr> <tr><td>Option 4 ID :</td><td>441009621305</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>1</td></tr> </table>		Question Type :	MCQ	Question ID :	441009156535	Option 1 ID :	441009621306	Option 2 ID :	441009621303	Option 3 ID :	441009621304	Option 4 ID :	441009621305	Status :	Answered	Chosen Option :	1
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Option 3 ID :	441009621304																
Option 4 ID :	441009621305																
Status :	Answered																
Chosen Option :	1																
Q.3 8	_____ type of check valve is best for handling slurries and viscous fluids.																
Ans	<input checked="" type="checkbox"/> 1. Diaphragm check valve <input type="checkbox"/> 2. Lift check valve <input type="checkbox"/> 3. Swing check valve <input type="checkbox"/> 4. Ball check valve																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154865</td></tr> <tr><td>Option 1 ID :</td><td>441009614607</td></tr> <tr><td>Option 2 ID :</td><td>441009614606</td></tr> <tr><td>Option 3 ID :</td><td>441009614609</td></tr> <tr><td>Option 4 ID :</td><td>441009614608</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 :	441009154865	Option 1 ID :	441009614607	Option 2 ID :	441009614606	Option 3 ID :	441009614609	Option 4 ID :	441009614608	Status :	Not Answered	Chosen Option :	--
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Option 3 ID :	441009614609																
Option 4 ID :	441009614608																
Status :	Not Answered																
Chosen Option :	--																
Q.3 9	Which of the following calipers are used for marking lines, parallel to inside and outside edges and for locating the centre of round bars?																
Ans	<input type="checkbox"/> 1. Spring joint calipers <input type="checkbox"/> 2. Firm joint calipers <input checked="" type="checkbox"/> 3. Leg and point calipers <input type="checkbox"/> 4. Simple calipers																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156631</td></tr> <tr><td>Option 1 ID :</td><td>441009621688</td></tr> <tr><td>Option 2 ID :</td><td>441009621687</td></tr> <tr><td>Option 3 ID :</td><td>441009621689</td></tr> <tr><td>Option 4 ID :</td><td>441009621690</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>		Question Type :	MCQ	Question ID :	441009156631	Option 1 ID :	441009621688	Option 2 ID :	441009621687	Option 3 ID :	441009621689	Option 4 ID :	441009621690	Status :	Answered	Chosen Option :	3
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Option 2 ID :	441009621687																
Option 3 ID :	441009621689																
Option 4 ID :	441009621690																
Status :	Answered																
Chosen Option :	3																

<p>Q.4 For your safety at work, which of the following should be ensured? 0 1. All the required protective clothing and equipment are used. 2. Training and instruction necessary for performing tasks safely have been received.</p>																	
<p>Ans <input checked="" type="checkbox"/> 1. Neither statement 1 nor 2</p>																	
<p><input checked="" type="checkbox"/> 2. Only statement 2</p>																	
<p><input checked="" type="checkbox"/> 3. Only statement 1</p>																	
<p><input checked="" type="checkbox"/> 4. Both statements 1 and 2</p>																	
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Option 2 ID :	441009621636																
Option 3 ID :	441009621635																
Option 4 ID :	441009621637																
Status :	Answered																
Chosen Option :	4																
<p>Q.4 Which of the following factors does NOT affect the efficiency of a power hammer? 1</p>																	
<p>Ans <input checked="" type="checkbox"/> 1. Hammering frequency</p>																	
<p><input checked="" type="checkbox"/> 2. Operator skill</p>																	
<p><input checked="" type="checkbox"/> 3. Number of cooling fans</p>																	
<p><input checked="" type="checkbox"/> 4. Anvil mass</p>																	
	<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154930</td></tr> <tr><td>Option 1 ID :</td><td>441009614868</td></tr> <tr><td>Option 2 ID :</td><td>441009614869</td></tr> <tr><td>Option 3 ID :</td><td>441009614867</td></tr> <tr><td>Option 4 ID :</td><td>441009614866</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 :	441009154930	Option 1 ID :	441009614868	Option 2 ID :	441009614869	Option 3 ID :	441009614867	Option 4 ID :	441009614866	Status :	Answered	Chosen Option :	2
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Question ID :	441009154930																
Option 1 ID :	441009614868																
Option 2 ID :	441009614869																
Option 3 ID :	441009614867																
Option 4 ID :	441009614866																
Status :	Answered																
Chosen Option :	2																
<p>Q.4 Which property is the most important for materials used in automobile crash zones? 2</p>																	
<p>Ans <input checked="" type="checkbox"/> 1. High brittleness</p>																	
<p><input checked="" type="checkbox"/> 2. High stiffness</p>																	
<p><input checked="" type="checkbox"/> 3. High toughness</p>																	
<p><input checked="" type="checkbox"/> 4. High hardness</p>																	
	<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155164</td></tr> <tr><td>Option 1 ID :</td><td>441009615804</td></tr> <tr><td>Option 2 ID :</td><td>441009615803</td></tr> <tr><td>Option 3 ID :</td><td>441009615802</td></tr> <tr><td>Option 4 ID :</td><td>441009615805</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 :	441009155164	Option 1 ID :	441009615804	Option 2 ID :	441009615803	Option 3 ID :	441009615802	Option 4 ID :	441009615805	Status :	Answered	Chosen Option :	2
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Option 2 ID :	441009615803																
Option 3 ID :	441009615802																
Option 4 ID :	441009615805																
Status :	Answered																
Chosen Option :	2																

Q.4 3	Tapering of a small part of a job at its edge or corner is known as _____.																
Ans	<input checked="" type="checkbox"/> 1. knurling <input checked="" type="checkbox"/> 2. step turning <input checked="" type="checkbox"/> 3. chamfering <input checked="" type="checkbox"/> 4. facing																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009162143</td></tr> <tr><td>Option 1 ID :</td><td>441009642228</td></tr> <tr><td>Option 2 ID :</td><td>441009642226</td></tr> <tr><td>Option 3 ID :</td><td>441009642227</td></tr> <tr><td>Option 4 ID :</td><td>441009642225</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 :	441009162143	Option 1 ID :	441009642228	Option 2 ID :	441009642226	Option 3 ID :	441009642227	Option 4 ID :	441009642225	Status :	Answered	Chosen Option :	3
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Question ID :	441009162143																
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Option 2 ID :	441009642226																
Option 3 ID :	441009642227																
Option 4 ID :	441009642225																
Status :	Answered																
Chosen Option :	3																
Q.4 4	Why are wheel guards provided on a bench grinder?																
Ans	<input checked="" type="checkbox"/> 1. To protect the user from flying debris and wheel breakage <input checked="" type="checkbox"/> 2. To reduce motor vibrations <input checked="" type="checkbox"/> 3. To support the workpiece <input checked="" type="checkbox"/> 4. To increase grinding speed																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154895</td></tr> <tr><td>Option 1 ID :</td><td>441009614727</td></tr> <tr><td>Option 2 ID :</td><td>441009614729</td></tr> <tr><td>Option 3 ID :</td><td>441009614726</td></tr> <tr><td>Option 4 ID :</td><td>441009614728</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 :	441009154895	Option 1 ID :	441009614727	Option 2 ID :	441009614729	Option 3 ID :	441009614726	Option 4 ID :	441009614728	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009614729																
Option 3 ID :	441009614726																
Option 4 ID :	441009614728																
Status :	Answered																
Chosen Option :	1																
Q.4 5	From normalising heat treatment, which of the following materials benefit(s) the most in terms of improving mechanical properties?																
Ans	<input checked="" type="checkbox"/> 1. Stainless steel <input checked="" type="checkbox"/> 2. Low and medium-carbon steel <input checked="" type="checkbox"/> 3. Grey cast iron <input checked="" type="checkbox"/> 4. Copper alloys																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154936</td></tr> <tr><td>Option 1 ID :</td><td>441009614891</td></tr> <tr><td>Option 2 ID :</td><td>441009614893</td></tr> <tr><td>Option 3 ID :</td><td>441009614890</td></tr> <tr><td>Option 4 ID :</td><td>441009614892</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 :	441009154936	Option 1 ID :	441009614891	Option 2 ID :	441009614893	Option 3 ID :	441009614890	Option 4 ID :	441009614892	Status :	Answered	Chosen Option :	2
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Option 1 ID :	441009614891																
Option 2 ID :	441009614893																
Option 3 ID :	441009614890																
Option 4 ID :	441009614892																
Status :	Answered																
Chosen Option :	2																

Q.4 6	Which of the following metals has the lowest melting point?																
Ans	<input checked="" type="checkbox"/> 1. Iron <input checked="" type="checkbox"/> 2. Gold <input checked="" type="checkbox"/> 3. Mercury <input checked="" type="checkbox"/> 4. Lead																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009240900</td></tr> <tr><td>Option 1 ID :</td><td>441009941560</td></tr> <tr><td>Option 2 ID :</td><td>441009941558</td></tr> <tr><td>Option 3 ID :</td><td>441009941557</td></tr> <tr><td>Option 4 ID :</td><td>441009941559</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 :	441009240900	Option 1 ID :	441009941560	Option 2 ID :	441009941558	Option 3 ID :	441009941557	Option 4 ID :	441009941559	Status :	Not Answered	Chosen Option :	--
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Option 2 ID :	441009941558																
Option 3 ID :	441009941557																
Option 4 ID :	441009941559																
Status :	Not Answered																
Chosen Option :	--																
Q.4 7	In a series circuit, three resistors of 10 ohms, 20 ohms, and R ohms are connected in series with a 12 V battery. What is the value of resistance R if current flowing in the circuit is 0.2 A?																
Ans	<input checked="" type="checkbox"/> 1. 30 ohms <input checked="" type="checkbox"/> 2. 10 ohms <input checked="" type="checkbox"/> 3. 40 ohms <input checked="" type="checkbox"/> 4. 20 ohms																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156528</td></tr> <tr><td>Option 1 ID :</td><td>441009621277</td></tr> <tr><td>Option 2 ID :</td><td>441009621275</td></tr> <tr><td>Option 3 ID :</td><td>441009621278</td></tr> <tr><td>Option 4 ID :</td><td>441009621276</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 :	441009156528	Option 1 ID :	441009621277	Option 2 ID :	441009621275	Option 3 ID :	441009621278	Option 4 ID :	441009621276	Status :	Answered	Chosen Option :	1
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Option 1 ID :	441009621277																
Option 2 ID :	441009621275																
Option 3 ID :	441009621278																
Option 4 ID :	441009621276																
Status :	Answered																
Chosen Option :	1																
Q.4 8	_____ abrasive material is best suited for lapping high-speed steel (HSS) tools.																
Ans	<input checked="" type="checkbox"/> 1. Boron carbide <input checked="" type="checkbox"/> 2. Silicon carbide <input checked="" type="checkbox"/> 3. Aluminum oxide <input checked="" type="checkbox"/> 4. Diamond																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154911</td></tr> <tr><td>Option 1 ID :</td><td>441009614792</td></tr> <tr><td>Option 2 ID :</td><td>441009614790</td></tr> <tr><td>Option 3 ID :</td><td>441009614791</td></tr> <tr><td>Option 4 ID :</td><td>441009614793</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 :	441009154911	Option 1 ID :	441009614792	Option 2 ID :	441009614790	Option 3 ID :	441009614791	Option 4 ID :	441009614793	Status :	Answered	Chosen Option :	2
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Option 1 ID :	441009614792																
Option 2 ID :	441009614790																
Option 3 ID :	441009614791																
Option 4 ID :	441009614793																
Status :	Answered																
Chosen Option :	2																

Q.4 9	On what basis is a joint said to be double-riveted lap joint or triple riveted lap joint?
Ans	<p><input type="checkbox"/> 1. Based on number of columns of rivets in joint</p> <p><input type="checkbox"/> 2. Based on type of joint</p> <p><input checked="" type="checkbox"/> 3. Based on number of rows of rivets in joint</p> <p><input type="checkbox"/> 4. Based on strength of joint</p>

Question Type :	MCQ
Question ID :	441009155181
Option 1 ID :	441009615871
Option 2 ID :	441009615873
Option 3 ID :	441009615870
Option 4 ID :	441009615872
Status :	Answered
Chosen Option :	1

Q.5 0	In a Full Lap joint, diagonal pitch is given by _____, where p_d - diagonal pitch, p - pitch, d - diameter of rivets
Ans	<p><input type="checkbox"/> 1. $p_d = \frac{(2p \times d)}{3}$</p> <p><input type="checkbox"/> 2. $p_d = \frac{(2p + 6d)}{4}$</p> <p><input checked="" type="checkbox"/> 3. $p_d = \frac{(2p + d)}{3}$</p> <p><input type="checkbox"/> 4. $p_d = \frac{(2p - d)}{3}$</p>

Question Type :	MCQ
Question ID :	441009155180
Option 1 ID :	441009615868
Option 2 ID :	441009615869
Option 3 ID :	441009615866
Option 4 ID :	441009615867
Status :	Not Answered
Chosen Option :	--

Q.5
1 Match the following types of lines with their correct descriptions according to their orientation and characteristics.

Description

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

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

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

Q.5
2 Select the correct representation as Tolerance size for a hole from the given options.

- Ans
- 1. 50 H8/g7
 - 2. 50H8- c7
 - 3. 50g7
 - 4. 50H8

Question Type :	MCQ
Question ID :	441009162135
Option 1 ID :	441009642194
Option 2 ID :	441009642195
Option 3 ID :	441009642193
Option 4 ID :	441009642196
Status :	Answered
Chosen Option :	4

Q.5	Which tool is used to create threads on the outer surface of a pipe?	3																
Ans	<input checked="" type="checkbox"/> 1. Pipe Die <input type="checkbox"/> 2. Pipe Reamer <input type="checkbox"/> 3. Pipe Tap <input type="checkbox"/> 4. Flaring Tool																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154879</td></tr> <tr><td>Option 1 ID :</td><td>441009614663</td></tr> <tr><td>Option 2 ID :</td><td>441009614665</td></tr> <tr><td>Option 3 ID :</td><td>441009614662</td></tr> <tr><td>Option 4 ID :</td><td>441009614664</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 :	441009154879	Option 1 ID :	441009614663	Option 2 ID :	441009614665	Option 3 ID :	441009614662	Option 4 ID :	441009614664	Status :	Answered	Chosen Option :	1
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Question ID :	441009154879																	
Option 1 ID :	441009614663																	
Option 2 ID :	441009614665																	
Option 3 ID :	441009614662																	
Option 4 ID :	441009614664																	
Status :	Answered																	
Chosen Option :	1																	
Q.5	Which of the following tap wrenches allow one-handed operation?	4																
Ans	<input type="checkbox"/> 1. Double-End Tap Wrench <input checked="" type="checkbox"/> 2. Ratchet Tap Wrench <input type="checkbox"/> 3. Adjustable Tap Wrench <input type="checkbox"/> 4. Sliding T-handle Tap Wrench																	
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Question ID :	441009164214																	
Option 1 ID :	441009650475																	
Option 2 ID :	441009650474																	
Option 3 ID :	441009650473																	
Option 4 ID :	441009650476																	
Status :	Answered																	
Chosen Option :	4																	
Q.5	Fine-toothed blades are better suited for:	5																
Ans	<input type="checkbox"/> 1. infrequent use <input type="checkbox"/> 2. cutting wood and plastic <input type="checkbox"/> 3. experts due to their durability and flexibility <input checked="" type="checkbox"/> 4. cutting metals																	
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Option 2 ID :	441009615707																	
Option 3 ID :	441009615708																	
Option 4 ID :	441009615706																	
Status :	Answered																	
Chosen Option :	4																	


Q.5	A file that is flat on one side and curved on the other side is known as a _____ file.																
6																	
Ans	<input checked="" type="checkbox"/> 1. triangular <input checked="" type="checkbox"/> 2. half-round <input checked="" type="checkbox"/> 3. square <input checked="" type="checkbox"/> 4. rectangular																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155142</td></tr> <tr><td>Option 1 ID :</td><td>441009615714</td></tr> <tr><td>Option 2 ID :</td><td>441009615715</td></tr> <tr><td>Option 3 ID :</td><td>441009615717</td></tr> <tr><td>Option 4 ID :</td><td>441009615716</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 :	441009155142	Option 1 ID :	441009615714	Option 2 ID :	441009615715	Option 3 ID :	441009615717	Option 4 ID :	441009615716	Status :	Answered	Chosen Option :	2
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Option 2 ID :	441009615715																
Option 3 ID :	441009615717																
Option 4 ID :	441009615716																
Status :	Answered																
Chosen Option :	2																
Q.5	Find the lateral surface area of a cube with side length 5 cm.																
7																	
Ans	<input checked="" type="checkbox"/> 1. 125 cm ² <input checked="" type="checkbox"/> 2. 200 cm ² <input checked="" type="checkbox"/> 3. 100 cm ² <input checked="" type="checkbox"/> 4. 150 cm ²																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009161835</td></tr> <tr><td>Option 1 ID :</td><td>441009640994</td></tr> <tr><td>Option 2 ID :</td><td>441009640996</td></tr> <tr><td>Option 3 ID :</td><td>441009640993</td></tr> <tr><td>Option 4 ID :</td><td>441009640995</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 :	441009161835	Option 1 ID :	441009640994	Option 2 ID :	441009640996	Option 3 ID :	441009640993	Option 4 ID :	441009640995	Status :	Answered	Chosen Option :	3
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Option 2 ID :	441009640996																
Option 3 ID :	441009640993																
Option 4 ID :	441009640995																
Status :	Answered																
Chosen Option :	3																
Q.5	Who is authorised to conduct road tests on workshop vehicles?																
8																	
Ans	<input checked="" type="checkbox"/> 1. Only trained and certified personnel <input checked="" type="checkbox"/> 2. Any employee <input checked="" type="checkbox"/> 3. The company accountant <input checked="" type="checkbox"/> 4. Visitors to the workshop																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156598</td></tr> <tr><td>Option 1 ID :</td><td>441009621556</td></tr> <tr><td>Option 2 ID :</td><td>441009621555</td></tr> <tr><td>Option 3 ID :</td><td>441009621558</td></tr> <tr><td>Option 4 ID :</td><td>441009621557</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 :	441009156598	Option 1 ID :	441009621556	Option 2 ID :	441009621555	Option 3 ID :	441009621558	Option 4 ID :	441009621557	Status :	Answered	Chosen Option :	1
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Option 2 ID :	441009621555																
Option 3 ID :	441009621558																
Option 4 ID :	441009621557																
Status :	Answered																
Chosen Option :	1																

Q.5 When creating 10 mm single-stroke capital letters in vertical style, what does the 10 mm distance between horizontal parallel lines represent?
9

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

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

Q.6 Identify the below tool used on the Lathe.
0



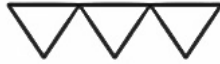
Ans 1. Knurling tool
 2. Parting tool
 3. Threading tool
 4. Boring tool

Question Type :	MCQ
Question ID :	441009155171
Option 1 ID :	441009615830
Option 2 ID :	441009615833
Option 3 ID :	441009615831
Option 4 ID :	441009615832
Status :	Answered
Chosen Option :	3

Q.6 1	In a logic circuit, two inputs A and B are applied to an AND gate, and the output of the AND gate is connected to the input of a NOT gate. If the inputs A and B are both at logic 0, what will be the output of the entire circuit?																
Ans	<input checked="" type="checkbox"/> 1. 0 <input checked="" type="checkbox"/> 2. 2 <input checked="" type="checkbox"/> 3. 1 <input checked="" type="checkbox"/> 4. Undefined																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156517</td></tr> <tr><td>Option 1 ID :</td><td>441009621232</td></tr> <tr><td>Option 2 ID :</td><td>441009621233</td></tr> <tr><td>Option 3 ID :</td><td>441009621231</td></tr> <tr><td>Option 4 ID :</td><td>441009621234</td></tr> <tr><td>Status :</td><td>Not Answered</td></tr> <tr><td>Chosen Option :</td><td>--</td></tr> </table>		Question Type :	MCQ	Question ID :	441009156517	Option 1 ID :	441009621232	Option 2 ID :	441009621233	Option 3 ID :	441009621231	Option 4 ID :	441009621234	Status :	Not Answered	Chosen Option :	--
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Question ID :	441009156517																
Option 1 ID :	441009621232																
Option 2 ID :	441009621233																
Option 3 ID :	441009621231																
Option 4 ID :	441009621234																
Status :	Not Answered																
Chosen Option :	--																
Q.6 2	In a hydraulic filter, what does the term 'beta ratio' refer to?																
Ans	<input checked="" type="checkbox"/> 1. The percentage of fluid filtered <input checked="" type="checkbox"/> 2. The area of the filter element <input checked="" type="checkbox"/> 3. The filtration efficiency of the filter <input checked="" type="checkbox"/> 4. The pressure drop across the filter																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154868</td></tr> <tr><td>Option 1 ID :</td><td>441009614618</td></tr> <tr><td>Option 2 ID :</td><td>441009614620</td></tr> <tr><td>Option 3 ID :</td><td>441009614619</td></tr> <tr><td>Option 4 ID :</td><td>441009614621</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 :	441009154868	Option 1 ID :	441009614618	Option 2 ID :	441009614620	Option 3 ID :	441009614619	Option 4 ID :	441009614621	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009154868																
Option 1 ID :	441009614618																
Option 2 ID :	441009614620																
Option 3 ID :	441009614619																
Option 4 ID :	441009614621																
Status :	Not Answered																
Chosen Option :	--																
Q.6 3	Why is the maintenance of machinery and equipment important?																
Ans	<input checked="" type="checkbox"/> 1. To prevent breakdowns and ensure smooth production flow <input checked="" type="checkbox"/> 2. To reduce the need for skilled labour <input checked="" type="checkbox"/> 3. To increase the complexity of operations <input checked="" type="checkbox"/> 4. To eliminate the need for inspections																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009154891</td></tr> <tr><td>Option 1 ID :</td><td>441009614712</td></tr> <tr><td>Option 2 ID :</td><td>441009614711</td></tr> <tr><td>Option 3 ID :</td><td>441009614710</td></tr> <tr><td>Option 4 ID :</td><td>441009614713</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 :	441009154891	Option 1 ID :	441009614712	Option 2 ID :	441009614711	Option 3 ID :	441009614710	Option 4 ID :	441009614713	Status :	Answered	Chosen Option :	1
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Question ID :	441009154891																
Option 1 ID :	441009614712																
Option 2 ID :	441009614711																
Option 3 ID :	441009614710																
Option 4 ID :	441009614713																
Status :	Answered																
Chosen Option :	1																

Q.6 4	If the basic size of the diameter of a shaft is 80 mm and the variation limit of ± 0.07 mm is given, then its high limit and low limit are ____ and ____.																	
Ans	<input checked="" type="checkbox"/> 1. 79.00, 80.07 <input checked="" type="checkbox"/> 2. 79.93, 80.07 <input checked="" type="checkbox"/> 3. 80.00, 79.93 <input checked="" type="checkbox"/> 4. 80.07, 79.93																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155192</td></tr> <tr><td>Option 1 ID :</td><td>441009615917</td></tr> <tr><td>Option 2 ID :</td><td>441009615915</td></tr> <tr><td>Option 3 ID :</td><td>441009615916</td></tr> <tr><td>Option 4 ID :</td><td>441009615914</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 :	441009155192	Option 1 ID :	441009615917	Option 2 ID :	441009615915	Option 3 ID :	441009615916	Option 4 ID :	441009615914	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																	
Question ID :	441009155192																	
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Option 2 ID :	441009615915																	
Option 3 ID :	441009615916																	
Option 4 ID :	441009615914																	
Status :	Answered																	
Chosen Option :	4																	
Q.6 5	Why is a Vernier height gauge preferred over a simple steel rule for height measurement?																	
Ans	<input checked="" type="checkbox"/> 1. It does not require a surface plate. <input checked="" type="checkbox"/> 2. It is comparatively more portable. <input checked="" type="checkbox"/> 3. It provides more precise measurements. <input checked="" type="checkbox"/> 4. It is cheaper than steel rule.																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009162146</td></tr> <tr><td>Option 1 ID :</td><td>441009642238</td></tr> <tr><td>Option 2 ID :</td><td>441009642239</td></tr> <tr><td>Option 3 ID :</td><td>441009642237</td></tr> <tr><td>Option 4 ID :</td><td>441009642240</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 :	441009162146	Option 1 ID :	441009642238	Option 2 ID :	441009642239	Option 3 ID :	441009642237	Option 4 ID :	441009642240	Status :	Answered	Chosen Option :	3
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Question ID :	441009162146																	
Option 1 ID :	441009642238																	
Option 2 ID :	441009642239																	
Option 3 ID :	441009642237																	
Option 4 ID :	441009642240																	
Status :	Answered																	
Chosen Option :	3																	
Q.6 6	During a lathe operation, the influence of machining allowance on the total depth of cut taken is that:																	
Ans	<input checked="" type="checkbox"/> 1. it has no influence on the depth of cut <input checked="" type="checkbox"/> 2. it directly determines the feed rate corresponding to the speed <input checked="" type="checkbox"/> 3. it sets the total material to be removed, which is then divided into multiple cuts <input checked="" type="checkbox"/> 4. it directly determines the depth of cut in each pass																	
		<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155151</td></tr> <tr><td>Option 1 ID :</td><td>441009615752</td></tr> <tr><td>Option 2 ID :</td><td>441009615753</td></tr> <tr><td>Option 3 ID :</td><td>441009615751</td></tr> <tr><td>Option 4 ID :</td><td>441009615750</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 :	441009155151	Option 1 ID :	441009615752	Option 2 ID :	441009615753	Option 3 ID :	441009615751	Option 4 ID :	441009615750	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																	
Question ID :	441009155151																	
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Option 2 ID :	441009615753																	
Option 3 ID :	441009615751																	
Option 4 ID :	441009615750																	
Status :	Not Answered																	
Chosen Option :	--																	

Q.6 Observe the given roughness grade symbol and identify the corresponding roughness grade number whose corresponding roughness value is $0.2 \mu\text{m}$.



- Ans
- 1. N1
 - 2. N4
 - 3. N2
 - 4. N3

Question Type :	MCQ
Question ID :	441009155103
Option 1 ID :	441009615561
Option 2 ID :	441009615558
Option 3 ID :	441009615560
Option 4 ID :	441009615559
Status :	Answered
Chosen Option :	3

Q.6 In an ISO system of Limits and Fits (ISO:286-1:1998), the tolerance size is designated as:

- Ans
- 1. basic value alone
 - 2. basic value followed by symbol composed of a letter and number
 - 3. basic value followed by a number
 - 4. basic value followed by a letter

Question Type :	MCQ
Question ID :	441009162136
Option 1 ID :	441009642200
Option 2 ID :	441009642197
Option 3 ID :	441009642198
Option 4 ID :	441009642199
Status :	Answered
Chosen Option :	2

Q.6	Which of the following information is necessary to construct a rectangle?																
9																	
Ans	<input type="checkbox"/> 1. Only the length of the diagonal <input type="checkbox"/> 2. Length of one side and the area of the rectangle <input checked="" type="checkbox"/> 3. Length of two adjacent sides <input type="checkbox"/> 4. Only the length of one side																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009156571</td></tr> <tr><td>Option 1 ID :</td><td>441009621449</td></tr> <tr><td>Option 2 ID :</td><td>441009621450</td></tr> <tr><td>Option 3 ID :</td><td>441009621448</td></tr> <tr><td>Option 4 ID :</td><td>441009621447</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 :	441009156571	Option 1 ID :	441009621449	Option 2 ID :	441009621450	Option 3 ID :	441009621448	Option 4 ID :	441009621447	Status :	Answered	Chosen Option :	3
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Option 2 ID :	441009621450																
Option 3 ID :	441009621448																
Option 4 ID :	441009621447																
Status :	Answered																
Chosen Option :	3																
Q.7	When used for fits between shaft and hole, _____ is specified or both shaft and hole.																
0																	
Ans	<input type="checkbox"/> 1. different size <input type="checkbox"/> 2. the shaft size is more than the hole size <input type="checkbox"/> 3. the hole size is more than the shaft size <input checked="" type="checkbox"/> 4. the same basic size																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009155194</td></tr> <tr><td>Option 1 ID :</td><td>441009615923</td></tr> <tr><td>Option 2 ID :</td><td>441009615924</td></tr> <tr><td>Option 3 ID :</td><td>441009615925</td></tr> <tr><td>Option 4 ID :</td><td>441009615922</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 :	441009155194	Option 1 ID :	441009615923	Option 2 ID :	441009615924	Option 3 ID :	441009615925	Option 4 ID :	441009615922	Status :	Answered	Chosen Option :	4
Question Type :	MCQ																
Question ID :	441009155194																
Option 1 ID :	441009615923																
Option 2 ID :	441009615924																
Option 3 ID :	441009615925																
Option 4 ID :	441009615922																
Status :	Answered																
Chosen Option :	4																
Q.7	Which of the following statements is INCORRECT about end standard?																
1																	
Ans	<input type="checkbox"/> 1. It is slower but more accurate. <input type="checkbox"/> 2. It measures the distance between two parallel flat surfaces. <input type="checkbox"/> 3. Faces are subject to wear. <input checked="" type="checkbox"/> 4. It is used to measure the distance between two engraved lines.																
<table border="1"> <tr><td>Question Type :</td><td>MCQ</td></tr> <tr><td>Question ID :</td><td>441009161827</td></tr> <tr><td>Option 1 ID :</td><td>441009640961</td></tr> <tr><td>Option 2 ID :</td><td>441009640963</td></tr> <tr><td>Option 3 ID :</td><td>441009640962</td></tr> <tr><td>Option 4 ID :</td><td>441009640964</td></tr> <tr><td>Status :</td><td>Not Answered</td></tr> <tr><td>Chosen Option :</td><td>--</td></tr> </table>		Question Type :	MCQ	Question ID :	441009161827	Option 1 ID :	441009640961	Option 2 ID :	441009640963	Option 3 ID :	441009640962	Option 4 ID :	441009640964	Status :	Not Answered	Chosen Option :	--
Question Type :	MCQ																
Question ID :	441009161827																
Option 1 ID :	441009640961																
Option 2 ID :	441009640963																
Option 3 ID :	441009640962																
Option 4 ID :	441009640964																
Status :	Not Answered																
Chosen Option :	--																

<p>Q.7 2</p>	<p>Wrong setting of machine, wrong use of a tool, defect in measuring tools, defective metal, and carelessness of the mechanic have no effect in the utility of the part. This is an advantage of _____.</p>																	
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. interchangeability</p> <p><input type="checkbox"/> 2. deviation</p> <p><input type="checkbox"/> 3. tolerance</p> <p><input type="checkbox"/> 4. 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>441009155198</td></tr> <tr><td>Option 1 ID :</td><td>441009615938</td></tr> <tr><td>Option 2 ID :</td><td>441009615940</td></tr> <tr><td>Option 3 ID :</td><td>441009615939</td></tr> <tr><td>Option 4 ID :</td><td>441009615941</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 :	441009155198	Option 1 ID :	441009615938	Option 2 ID :	441009615940	Option 3 ID :	441009615939	Option 4 ID :	441009615941	Status :	Answered	Chosen Option :	1
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Question ID :	441009155198																	
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Option 3 ID :	441009615939																	
Option 4 ID :	441009615941																	
Status :	Answered																	
Chosen Option :	1																	
<p>Q.7 3</p>	<p>_____ is a type of turning where a workpiece is turned into a sequence of steps with varying diameters.</p>																	
<p>Ans</p>	<p><input checked="" type="checkbox"/> 1. Step turning</p> <p><input type="checkbox"/> 2. Facing</p> <p><input type="checkbox"/> 3. Chamfering</p> <p><input type="checkbox"/> 4. Knurling</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>441009155118</td></tr> <tr><td>Option 1 ID :</td><td>441009615619</td></tr> <tr><td>Option 2 ID :</td><td>441009615618</td></tr> <tr><td>Option 3 ID :</td><td>441009615620</td></tr> <tr><td>Option 4 ID :</td><td>441009615621</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 :	441009155118	Option 1 ID :	441009615619	Option 2 ID :	441009615618	Option 3 ID :	441009615620	Option 4 ID :	441009615621	Status :	Answered	Chosen Option :	1
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Question ID :	441009155118																	
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Option 2 ID :	441009615618																	
Option 3 ID :	441009615620																	
Option 4 ID :	441009615621																	
Status :	Answered																	
Chosen Option :	1																	
<p>Q.7 4</p>	<p>The SI unit of temperature is/are _____.</p>																	
<p>Ans</p>	<p><input type="checkbox"/> 1. celsius</p> <p><input type="checkbox"/> 2. fahrenheit</p> <p><input checked="" type="checkbox"/> 3. kelvin</p> <p><input type="checkbox"/> 4. both kelvin and celsius</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>441009156656</td></tr> <tr><td>Option 1 ID :</td><td>441009621788</td></tr> <tr><td>Option 2 ID :</td><td>441009621789</td></tr> <tr><td>Option 3 ID :</td><td>441009621787</td></tr> <tr><td>Option 4 ID :</td><td>441009621790</td></tr> <tr><td>Status :</td><td>Answered</td></tr> <tr><td>Chosen Option :</td><td>3</td></tr> </table>			Question Type :	MCQ	Question ID :	441009156656	Option 1 ID :	441009621788	Option 2 ID :	441009621789	Option 3 ID :	441009621787	Option 4 ID :	441009621790	Status :	Answered	Chosen Option :	3
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Question ID :	441009156656																	
Option 1 ID :	441009621788																	
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Option 3 ID :	441009621787																	
Option 4 ID :	441009621790																	
Status :	Answered																	
Chosen Option :	3																	

Q.7	5	Which of the following statements about title block is/are true? Statement 1: The title block is situated in the bottom right-hand corner of the drawing sheet. Statement 2: The contents of the title block are standardised and cannot be modified to suit individual company needs.
Ans		<p><input type="checkbox"/> 1. Statement 1 is false, but statement 2 is true</p> <p><input checked="" type="checkbox"/> 2. Statement 1 is true, but statement 2 is false</p> <p><input type="checkbox"/> 3. Both statements are true</p> <p><input type="checkbox"/> 4. Both statements are false</p>

Question Type :	MCQ
Question ID :	441009156563
Option 1 ID :	441009621417
Option 2 ID :	441009621416
Option 3 ID :	441009621415
Option 4 ID :	441009621418
Status :	Not Answered
Chosen Option :	--

