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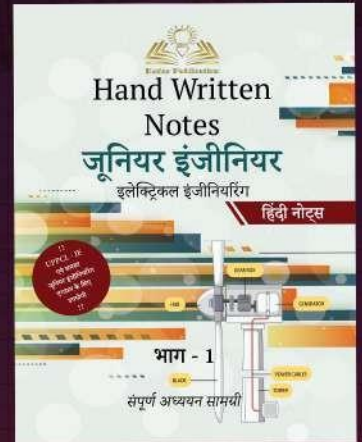
## Objective Book for

**Electrical-JE**

**Electronics-JE**

**ITI-Electrician**

**JE Short Notes**



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**Raman sir**  
Electrical Engg. Expert



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# RAILWAY RECRUITMENT BOARDS

रेलवे भर्ती बोर्ड

## 2<sup>nd</sup> Stage CBT for ALP & TECHNICIANS (CEN-01/2018)

Roll No:	
Participants Name:	
Test Center Name:	
Test Date:	23/01/2019
Test Time:	4:30 PM - 7:00 PM
Subject:	Part A and Exam Trade : Fitter

- Options shown in green color with a tick icon are correct
- Chosen option on top right of the question indicates the option selected by the candidate
- The numbers indicated against the Question ID and Option ID are the numbers to be noted and used for raising objections

Section : Part A

Q.1 Where is the Headquarters of UNESCO located?

- Ans
- 1. Geneva
  - 2. New York City
  - 3. Washington DC
  - 4. Paris

Question ID : 9623409983  
Option 1 ID : 96234039929  
Option 2 ID : 96234039930  
Option 3 ID : 96234039931  
Option 4 ID : 96234039932  
Status : Not Answered  
Chosen Option : --

Q.2 Two resistors of  $2\ \Omega$  and  $6\ \Omega$  are connected in series and this combination is connected across a 12 V battery. Find the current in the  $6\ \Omega$  resistor.

- Ans
- 1. 1.5 A
  - 2. 3.5 A
  - 3. 2.5 A
  - 4. 0.5 A

Question ID : 96234010024  
Option 1 ID : 96234040094  
Option 2 ID : 96234040096  
Option 3 ID : 96234040095  
Option 4 ID : 96234040093  
Status : Answered  
Chosen Option : 1

Q.3 Molar specific heat capacity of a substance is \_\_\_\_\_.

- Ans
- 1.  $\left(\frac{1}{\mu}\right)\left(\frac{\Delta T}{\Delta Q}\right)$

✓ 2.  $\left(\frac{1}{\mu}\right) \left(\frac{\Delta Q}{\Delta T}\right)$

✗ 3.  $\mu \left(\frac{\Delta Q}{\Delta T}\right)$

✗ 4.  $\mu \left(\frac{\Delta T}{\Delta Q}\right)$

Question ID : 96234010003  
Option 1 ID : 96234040010  
Option 2 ID : 96234040011  
Option 3 ID : 96234040009  
Option 4 ID : 96234040012  
Status : Not Answered  
Chosen Option : --

Q.4 In angular measurements, one radian is equivalent to \_\_\_\_\_ degrees (approximately).

Ans ✗ 1. 65.27

✗ 2. 180

✓ 3. 57.27

✗ 4. 90

Question ID : 9623409987  
Option 1 ID : 96234039948  
Option 2 ID : 96234039945  
Option 3 ID : 96234039947  
Option 4 ID : 96234039946  
Status : Answered  
Chosen Option : 3

Q.5 A got ₹80 as his share of profit where the total profit was ₹240 and the ratio of profit distribution between A and B was x :  
2. What is the value of x?

Ans ✗ 1. 4

✓ 2. 1

✗ 3. 2

✗ 4. 5

Question ID : 96234010044  
Option 1 ID : 96234040175  
Option 2 ID : 96234040173  
Option 3 ID : 96234040174  
Option 4 ID : 96234040176  
Status : Answered  
Chosen Option : 2

Q.6 Which Indian cricketer received the Padma Bhushan in 2018?

Ans ✓ 1. MS Dhoni

✗ 2. Sachin Tendulkar

✗ 3. Virat Kohli

✗ 4. Saurav Ganguly

Question ID : 9623409981  
Option 1 ID : 96234039922  
Option 2 ID : 96234039923  
Option 3 ID : 96234039921  
Option 4 ID : 96234039924  
Status : Not Answered

Chosen Option : --

Q.7 A \_\_\_\_\_ is a theoretical exact plane, axis or point location that GD & T or dimensional tolerances are referenced to.

- Ans
- 1. datum
  - 2. flange
  - 3. frame
  - 4. section

Question ID : 9623409995  
Option 1 ID : 96234039977  
Option 2 ID : 96234039979  
Option 3 ID : 96234039980  
Option 4 ID : 96234039978  
Status : Answered  
Chosen Option : 1

Q.8 A brass rod (thermal conductivity 109 J/s m K) has an area of cross section  $0.04 \text{ m}^2$  and length 20 cm. If the two end of the rod are maintained at a temperature difference of  $200^\circ\text{C}$ , the rate of heat flow through the rod is \_\_\_\_\_.

- Ans
- 1. 3.42 kJ/s
  - 2. 4.36 kJ/s
  - 3. 2.32 kJ/s
  - 4. 5.80 kJ/s

Question ID : 96234010015  
Option 1 ID : 96234040058  
Option 2 ID : 96234040059  
Option 3 ID : 96234040057  
Option 4 ID : 96234040060  
Status : Answered  
Chosen Option : 2

Q.9 A body starts from rest. Its displacement is proportional to \_\_\_\_\_ when its acceleration is constant.

- Ans
- 1. time squared
  - 2. velocity
  - 3. work
  - 4. time

Question ID : 96234010018  
Option 1 ID : 96234040069  
Option 2 ID : 96234040072  
Option 3 ID : 96234040071  
Option 4 ID : 96234040070  
Status : Answered  
Chosen Option : 1

Q.10 A number is as much greater than 50 as it is lesser than 84. What is the number?

- Ans
- 1. 67
  - 2. 65
  - 3. 68
  - 4. 66

Question ID : 96234010036  
Option 1 ID : 96234040143  
Option 2 ID : 96234040141

Option 3 ID : 96234040144  
Option 4 ID : 96234040142  
Status : Answered  
Chosen Option : 1

Q.1 An object weighs X units on the earth. If we take the same object to the moon, its weight there will be \_\_\_\_\_.

- 1  
Ans
- 1. more than X
  - 2. zero
  - 3. less than X
  - 4. equal to X

Question ID : 9623409994  
Option 1 ID : 96234039973  
Option 2 ID : 96234039976  
Option 3 ID : 96234039974  
Option 4 ID : 96234039975  
Status : Answered  
Chosen Option : 3

Q.1 Which two signs should be interchanged to make the given equation correct?

2  
$$9 \div 3 + 8 \times 2 - 15 = 2$$

- Ans
- 1.  $\times$  and  $-$
  - 2.  $+$  and  $\times$
  - 3.  $+$  and  $-$
  - 4.  $\div$  and  $-$

Question ID : 96234010057  
Option 1 ID : 96234040228  
Option 2 ID : 96234040225  
Option 3 ID : 96234040226  
Option 4 ID : 96234040227  
Status : Answered  
Chosen Option : 3

Q.1 Safety boots or shoes must be worn in designated areas to protect your \_\_\_\_\_ from falling objects.

- 3  
Ans
- 1. feet
  - 2. eye
  - 3. head
  - 4. ear

Question ID : 96234010005  
Option 1 ID : 96234040019  
Option 2 ID : 96234040018  
Option 3 ID : 96234040020  
Option 4 ID : 96234040017  
Status : Answered  
Chosen Option : 1

Q.1 Unscramble the letters in the words given below and find the odd word out.

- 4  
Ans
- 1. ILNO
  - 2. FLOW
  - 3. ERTIG

✓ 4. WCO

Question ID : 96234010062  
Option 1 ID : 96234040245  
Option 2 ID : 96234040248  
Option 3 ID : 96234040246  
Option 4 ID : 96234040247  
Status : Answered  
Chosen Option : 4

Q.1  
5 Identify the material having high coefficient of volume expansion.

- Ans
- ✗ 1. Water
  - ✗ 2. Brass
  - ✓ 3. Alcohol
  - ✗ 4. Glass

Question ID : 96234010000  
Option 1 ID : 96234039998  
Option 2 ID : 96234040000  
Option 3 ID : 96234039997  
Option 4 ID : 96234039999  
Status : Answered  
Chosen Option : 3

Q.1  
6 If G + H means G is daughter of H, G - H means G is sister H and G \* H means G is husband of H, which of the following shows that I is the daughter of H?

- Ans
- ✓ 1. I - J + F \* H
  - ✗ 2. I + J - F \* H
  - ✗ 3. I \* J - F + H
  - ✗ 4. I - J \* F + H

Question ID : 96234010059  
Option 1 ID : 96234040234  
Option 2 ID : 96234040235  
Option 3 ID : 96234040233  
Option 4 ID : 96234040236  
Status : Answered  
Chosen Option : 1

Q.1  
7 A series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series.

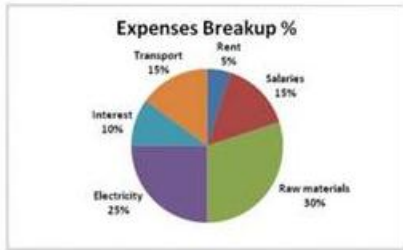
1.14, 1.28, 1.42, ?, 1.70, 1.84

- Ans
- ✓ 1. 1.56
  - ✗ 2. 1.62
  - ✗ 3. 1.68
  - ✗ 4. 1.54

Question ID : 96234010054  
Option 1 ID : 96234040214  
Option 2 ID : 96234040213  
Option 3 ID : 96234040216  
Option 4 ID : 96234040215  
Status : Answered  
Chosen Option : 1

Q.1  
8

The pie chart shows the breakup in percentages of the various expenses of a Company. Study the diagram and answer the following question.



What is the interest expense if total expenses are ₹25,000 approximately?

- Ans
- 1. ₹5,000
  - 2. ₹2,500
  - 3. ₹1,800
  - 4. ₹9,000

Question ID : 96234010066

Option 1 ID : 96234040262

Option 2 ID : 96234040261

Option 3 ID : 96234040264

Option 4 ID : 96234040263

Status : Answered

Chosen Option : 2

Q.1 Choose the figure that is different from the rest.

Ans

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

Question ID : 96234010071

Option 1 ID : 96234040282

Option 2 ID : 96234040283

Option 3 ID : 96234040284

Option 4 ID : 96234040281

Status : Not Answered

Chosen Option : --

Q.2

0 A machine was bought for ₹1,500 and a repairing charge of ₹100 was paid afterwards. At what price should it be sold to gain a profit of 25%?

- Ans
- 1. ₹2,040
  - 2. ₹1,920
  - 3. ₹1,960
  - 4. ₹2,000

Question ID : 96234010030

Option 1 ID : 96234040120

Option 2 ID : 96234040117

Option 3 ID : 96234040118

Option 4 ID : 96234040119

Status : Answered

Chosen Option : 4

Q.2  
1 Name the painter of the famous painting, 'Mahishasura'.

- Ans
- 1. Amrita Sher-Gil
  - 2. MF Hussain
  - 3. Tyeb Mehta
  - 4. Raja Ravi Verma

Question ID : 9623409979

Option 1 ID : 96234039913

Option 2 ID : 96234039915

Option 3 ID : 96234039916

Option 4 ID : 96234039914

Status : Not Answered

Chosen Option : --

Q.2  
2 If '+' represents '×', '-' represents '+', '×' represents '-' and '-' represents '+', then find the value of the following expression.  
 $9 \times 3 + 6 \div 2 = ?$

- Ans
- 1. 20
  - 2. 16
  - 3. 12
  - 4. 10

Question ID : 96234010056

Option 1 ID : 96234040224

Option 2 ID : 96234040223

Option 3 ID : 96234040222

Option 4 ID : 96234040221

Status : Answered

Chosen Option : 2

Q.2  
3 Select the option that is related to the third number in the same way as the second number is related to the first number.

$-9/11 : 11/9 :: 13/2 : ?$

- Ans
- 1.  $-2/13$
  - 2.  $2/13$
  - 3.  $3/7$
  - 4.  $-7/3$

Question ID : 96234010052

Option 1 ID : 96234040208

Option 2 ID : 96234040205



Option 3 ID : 96234040206  
Option 4 ID : 96234040207  
Status : Not Answered  
Chosen Option : --

Q.2  
4 Reflection of point  $(-2, -6)$  on the Y-axis is:

- Ans
- 1.  $(-2, 6)$
  - 2.  $(2, -6)$
  - 3.  $(2, 6)$
  - 4.  $(-6, -2)$

Question ID : 96234010038  
Option 1 ID : 96234040149  
Option 2 ID : 96234040152  
Option 3 ID : 96234040150  
Option 4 ID : 96234040151  
Status : Not Answered  
Chosen Option : --

Q.2  
5 A 4-digit number  $1xy7$  is divisible by 11. What is the value of  $x-y$ ?

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

Question ID : 96234010026  
Option 1 ID : 96234040102  
Option 2 ID : 96234040104  
Option 3 ID : 96234040101  
Option 4 ID : 96234040103  
Status : Answered  
Chosen Option : 3

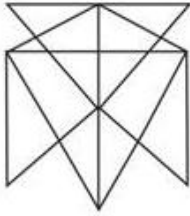
Q.2  
6 An article was sold for ₹12,000. Had a discount of 15% been offered, a profit of 2% would have been made. What was the cost price?

- Ans
- 1. ₹10,000
  - 2. ₹10,200
  - 3. ₹11,000
  - 4. ₹10,800

Question ID : 96234010029  
Option 1 ID : 96234040114  
Option 2 ID : 96234040116  
Option 3 ID : 96234040113  
Option 4 ID : 96234040115  
Status : Answered  
Chosen Option : 1

Q.2  
7

What is the minimum number of lines required to make the given image?



- Ans  1. 11  
 2. 12  
 3. 10  
 4. 9

Question ID : 96234010068  
Option 1 ID : 96234040271  
Option 2 ID : 96234040272  
Option 3 ID : 96234040270  
Option 4 ID : 96234040269  
Status : Not Answered  
Chosen Option : --

Q.2 If C \$ D means C is daughter of D, C & D means C is mother of D and C % D means C is son of D, then what does W \$ X & Y % Z mean?

- Ans  1. Z is mother of W  
 2. Z is wife of W  
 3. Z is father of W  
 4. Z is daughter of W

Question ID : 96234010058  
Option 1 ID : 96234040231  
Option 2 ID : 96234040229  
Option 3 ID : 96234040230  
Option 4 ID : 96234040232  
Status : Answered  
Chosen Option : 3

Q.2 Tap M and N can together fill a cistern in 48/13 minutes. N alone can fill it in 6 minutes. How much time will M alone take to fill the cistern?

- Ans  1. 8.6 minutes  
 2. 9 minutes  
 3. 9.4 minutes  
 4. 9.6 minutes

Question ID : 96234010043  
Option 1 ID : 96234040172  
Option 2 ID : 96234040171  
Option 3 ID : 96234040170  
Option 4 ID : 96234040169  
Status : Answered  
Chosen Option : 4

Q.3 Substances that are broken down by biological processes are said to be \_\_\_\_\_.

- Ans  1. reusable

- 2. non-reusable
- 3. biodegradable
- 4. non-biodegradable

Question ID : 9623409989  
Option 1 ID : 96234039954  
Option 2 ID : 96234039956  
Option 3 ID : 96234039955  
Option 4 ID : 96234039953  
Status : Answered  
Chosen Option : 3

Q.3  
1 How many medals did India win in Rio Olympics, 2016?

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

Question ID : 9623409976  
Option 1 ID : 96234039902  
Option 2 ID : 96234039904  
Option 3 ID : 96234039903  
Option 4 ID : 96234039901  
Status : Not Answered  
Chosen Option : --

Q.3  
2 In an examination, the highest score and the lowest score differed by 55 and the higher one was 9/4 times the lower one.  
What is the lowest score?

- Ans
- 1. 44
  - 2. 36
  - 3. 40
  - 4. 48

Question ID : 96234010037  
Option 1 ID : 96234040147  
Option 2 ID : 96234040145  
Option 3 ID : 96234040146  
Option 4 ID : 96234040148  
Status : Answered  
Chosen Option : 1

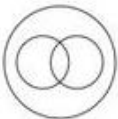
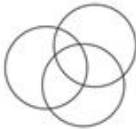
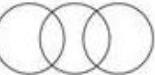
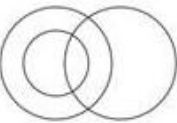
Q.3  
3 Two resistors of  $10\ \Omega$  and  $20\ \Omega$  are connected in series and this combination is connected across a 30 V supply voltage.  
Find the voltage across the  $10\ \Omega$  resistor.

- Ans
- 1. 10 V
  - 2. 20 V
  - 3. 15 V
  - 4. 5 V

Question ID : 96234010023  
Option 1 ID : 96234040090  
Option 2 ID : 96234040091  
Option 3 ID : 96234040092  
Option 4 ID : 96234040089  
Status : Answered  
Chosen Option : 1

Q.3 Which of the following Venn diagrams best represents the relationship between Indians, doctors and women?  
4

Ans

1. 
2. 
3. 
4. 

Question ID : 96234010064

Option 1 ID : 96234040254

Option 2 ID : 96234040255

Option 3 ID : 96234040253

Option 4 ID : 96234040256

Status : Answered

Chosen Option : 1

Q.3 Name the scientist who discovered bacteria.  
5

1. Robert Koch
2. AV Leeuwenhoek
3. James Chadwick
4. Eugen Goldstein

Question ID : 9623409978

Option 1 ID : 96234039909

Option 2 ID : 96234039912

Option 3 ID : 96234039910

Option 4 ID : 96234039911

Status : Answered

Chosen Option : 2

Q.3 If  $\sin \Theta = 15/17$ , then  $\cot \Theta = ?$   
6

Ans

1.  $\frac{8}{17}$
2.  $\frac{8}{15}$
3.  $\frac{15}{8}$
4.  $\frac{17}{15}$

Question ID : 96234010041

Option 1 ID : 96234040163

Option 2 ID : 96234040162

Option 3 ID : 96234040161  
Option 4 ID : 96234040164  
Status : Answered  
Chosen Option : 2

Q.3  
7 What is the curved surface area of a hemisphere whose radius is 7 cm? (take  $\pi = 22/7$ )

- Ans
- 1. 616 cm<sup>2</sup>
  - 2. 308 cm<sup>2</sup>
  - 3. 924 cm<sup>2</sup>
  - 4. 154 cm<sup>2</sup>

Question ID : 96234010033  
Option 1 ID : 96234040129  
Option 2 ID : 96234040130  
Option 3 ID : 96234040131  
Option 4 ID : 96234040132  
Status : Answered  
Chosen Option : 2

Q.3  
8 If a machine overcomes a load 'L' and the distance travelled by the load is 'Ld', the work done by the load will be \_\_\_\_\_.

- Ans
- 1.  $L \times Ld$
  - 2.  $\frac{L}{Ld}$
  - 3.  $\frac{Ld}{L}$
  - 4.  $\frac{1}{L \times Ld}$

Question ID : 96234010010  
Option 1 ID : 96234040040  
Option 2 ID : 96234040037  
Option 3 ID : 96234040039  
Option 4 ID : 96234040038  
Status : Answered  
Chosen Option : 1

Q.3  
9 Find the odd group of letters from the given alternatives.

- Ans
- 1. EFG
  - 2. PQR
  - 3. VWX
  - 4. HJL

Question ID : 96234010067  
Option 1 ID : 96234040268  
Option 2 ID : 96234040265  
Option 3 ID : 96234040267  
Option 4 ID : 96234040266  
Status : Answered  
Chosen Option : 4

Q.4  
0 A software program that has been developed to harm other computers is called a/an \_\_\_\_\_.

- Ans
- 1. malware
  - 2. server

3. LAN  
 4. operating system

Question ID : 96234010007  
Option 1 ID : 96234040025  
Option 2 ID : 96234040027  
Option 3 ID : 96234040028  
Option 4 ID : 96234040026  
Status : Answered  
Chosen Option : 1

Q.4 Pipes A and B can fill a tank in 12 minutes and 16 minutes respectively. Both A and B are opened for 4 minutes and then A is closed. How much extra time will B take to fill the tank completely?

- Ans  1. 7 minutes  
 2.  $\frac{20}{3}$  minutes  
 3. 6 minutes  
 4.  $\frac{21}{4}$  minutes

Question ID : 96234010042  
Option 1 ID : 96234040165  
Option 2 ID : 96234040166  
Option 3 ID : 96234040167  
Option 4 ID : 96234040168  
Status : Answered  
Chosen Option : 2

Q.4 An airplane flies at the speed of 50 m/s. How much distance (in km) will it cover in a flight of 5 hours?

- Ans  1. 900  
 2. 850  
 3. 880  
 4. 895

Question ID : 96234010034  
Option 1 ID : 96234040136  
Option 2 ID : 96234040133  
Option 3 ID : 96234040134  
Option 4 ID : 96234040135  
Status : Answered  
Chosen Option : 1

Q.4 A can do  $\frac{2}{5}$  of a work in 10 days. B can do  $\frac{1}{2}$  of the same work in 10 days. They worked together for 5 days and then A is left. In how many days will B finish the remaining work?

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

Question ID : 96234010049  
Option 1 ID : 96234040195  
Option 2 ID : 96234040194  
Option 3 ID : 96234040193  
Option 4 ID : 96234040196  
Status : Answered  
Chosen Option : 3

Q.4  
4 What is the distance between the points (4, 3) and (3, -2)?

- Ans
- 1. 6
  - 2. 5
  - 3.  $\sqrt{24}$
  - 4.  $\sqrt{26}$

Question ID : 96234010039  
Option 1 ID : 96234040156  
Option 2 ID : 96234040155  
Option 3 ID : 96234040154  
Option 4 ID : 96234040153  
Status : Answered  
Chosen Option : 4

Q.4  
5 Identify the material having low coefficient of volume expansion

- Ans
- 1. Iron
  - 2. Brass
  - 3. Aluminium
  - 4. Mercury

Question ID : 96234010001  
Option 1 ID : 96234040003  
Option 2 ID : 96234040002  
Option 3 ID : 96234040004  
Option 4 ID : 96234040001  
Status : Answered  
Chosen Option : 2

Q.4  
6 The effort applied to move a load is 15 units and the machine advantage is observed to be 3. Find the load.

- Ans
- 1. 15 units
  - 2. 45 units
  - 3. 3 units
  - 4. 5 units

Question ID : 96234010011  
Option 1 ID : 96234040043  
Option 2 ID : 96234040041  
Option 3 ID : 96234040044  
Option 4 ID : 96234040042  
Status : Answered  
Chosen Option : 2

Q.4  
7 \_\_\_\_\_ protection must be worn whenever noise levels exceed the noise exposure standard.

- Ans
- 1. Hearing
  - 2. Head
  - 3. Eye
  - 4. Foot

Question ID : 96234010006  
Option 1 ID : 96234040021  
Option 2 ID : 96234040024

Option 3 ID : 96234040022  
Option 4 ID : 96234040023  
Status : Answered  
Chosen Option : 1

Q.4 An object starts from rest at  $x = 0$  m and moves with a constant acceleration of  $1.6 \text{ m/s}^2$  along the x-axis. During its journey  
8 from  $x = 12.8$  m to  $x = 20.0$  m, its average velocity will be \_\_\_\_\_.

- Ans
- 1. 8.8 m/s
  - 2. 2.4 m/s
  - 3. 3.6 m/s
  - 4. 7.2 m/s

Question ID : 96234010013  
Option 1 ID : 96234040052  
Option 2 ID : 96234040049  
Option 3 ID : 96234040050  
Option 4 ID : 96234040051  
Status : Answered  
Chosen Option : 4

Q.4 A sum of ₹10,000 amounts to ₹11,449 in 2 years, when the interest is compounded annually. The interest rate percent per  
9 annum is:

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

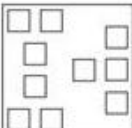
Question ID : 96234010035  
Option 1 ID : 96234040140  
Option 2 ID : 96234040139  
Option 3 ID : 96234040137  
Option 4 ID : 96234040138  
Status : Answered  
Chosen Option : 1

Q.5 Two planes E and F start flying from the same point. E flies 7 km west, then turns to its left and flies 15 km. Meanwhile F  
0 flies 11 km east and turns right and flies 15 km. Where is F with respect to E?

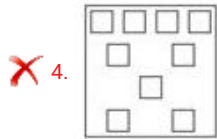
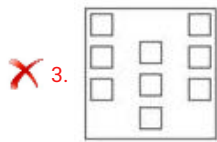
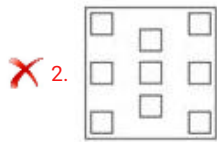
- Ans
- 1. F is 18 km east of E
  - 2. F is 4 km west of E
  - 3. F is 18 km west of E
  - 4. F is 4 km east of E

Question ID : 96234010073  
Option 1 ID : 96234040292  
Option 2 ID : 96234040291  
Option 3 ID : 96234040289  
Option 4 ID : 96234040290  
Status : Answered  
Chosen Option : 1

Q.5 Choose the figure that is different from the rest.  
1

- Ans
- 1. 





Question ID : 96234010070  
Option 1 ID : 96234040280  
Option 2 ID : 96234040278  
Option 3 ID : 96234040277  
Option 4 ID : 96234040279  
Status : Not Answered  
Chosen Option : --

Q.5  
2 If a body has a specific gravity of less than 1, then it will float in/on \_\_\_\_\_.

- Ans
- 1. mercury
  - 2. air
  - 3. water
  - 4. liquids

Question ID : 9623409993  
Option 1 ID : 96234039969  
Option 2 ID : 96234039970  
Option 3 ID : 96234039971  
Option 4 ID : 96234039972  
Status : Not Answered  
Chosen Option : --

Q.5  
3 If straight lines are drawn from various points on the contour of an object to meet a plane, the figure obtained on the plane is called the \_\_\_\_\_ of the object.

- Ans
- 1. dimensioning
  - 2. animation
  - 3. development
  - 4. projection

Question ID : 9623409996  
Option 1 ID : 96234039984  
Option 2 ID : 96234039982  
Option 3 ID : 96234039983  
Option 4 ID : 96234039981  
Status : Answered  
Chosen Option : 4

Q.5  
4

Given below are two statements, followed by two conclusions, I and II. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follow(s) from the given statements.

Statement 1: No quadrilaterals are polygons.  
Statement 2: All polygons are rhombuses.

Conclusion I: Some rhombuses are quadrilaterals.  
Conclusion II: Some rhombuses are polygons.

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

Question ID : 96234010060

Option 1 ID : 96234040237

Option 2 ID : 96234040238

Option 3 ID : 96234040240

Option 4 ID : 96234040239

Status : Answered

Chosen Option : 2

Q.5 Given below are some letters, that each of these letters has a corresponding number. Select the combination of numbers from the options so that the jumbled letters arranged accordingly will form a meaningful English word.

H T R U O A  
1 2 3 4 5 6

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

Question ID : 96234010061

Option 1 ID : 96234040242

Option 2 ID : 96234040241

Option 3 ID : 96234040243

Option 4 ID : 96234040244

Status : Answered

Chosen Option : 4

Q.5 What is the unit's digit in  $3^{66} \times 6^{41} \times 7^{53}$

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

Question ID : 96234010027

Option 1 ID : 96234040105

Option 2 ID : 96234040106

Option 3 ID : 96234040107

Option 4 ID : 96234040108

Status : Answered

Chosen Option : 1

Q.5  $86^{\circ}\text{F}$  is equal to \_\_\_\_\_.

- Ans
- 1.  $20^{\circ}\text{C}$
  - 2.  $34^{\circ}\text{C}$
  - 3.  $30^{\circ}\text{C}$

4. 10°C

Question ID : 96234010002  
Option 1 ID : 96234040006  
Option 2 ID : 96234040008  
Option 3 ID : 96234040007  
Option 4 ID : 96234040005  
Status : Answered  
Chosen Option : 3

Q.5  
8 If  $x = \sqrt{125} \times \sqrt{30} \times \sqrt{6}$ , then x is equal to:

- Ans  1. 150  
 2. 136  
 3. 175  
 4. 125

Question ID : 96234010047  
Option 1 ID : 96234040186  
Option 2 ID : 96234040188  
Option 3 ID : 96234040187  
Option 4 ID : 96234040185  
Status : Answered  
Chosen Option : 1

Q.5  
9 What is 80% of 50% of 90?

- Ans  1. 32  
 2. 36  
 3. 34  
 4. 30

Question ID : 96234010045  
Option 1 ID : 96234040178  
Option 2 ID : 96234040180  
Option 3 ID : 96234040179  
Option 4 ID : 96234040177  
Status : Answered  
Chosen Option : 2

Q.6  
0 A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.  
OOOOX, OOOXX, OOOXX, OOXXX, ?

- Ans  1. OOXXXXX  
 2. OXXXXX  
 3. OOXXXX  
 4. XXXXXX

Question ID : 96234010053  
Option 1 ID : 96234040210  
Option 2 ID : 96234040209  
Option 3 ID : 96234040212  
Option 4 ID : 96234040211  
Status : Answered  
Chosen Option : 2

Q.6  
1 RK Narayan is famous for his book \_\_\_\_\_.

- Ans  1. Two Lives

- 2. A Suitable Boy
- 3. The Toom on the Roof
- 4. Malgudi Days

Question ID : 9623409982  
Option 1 ID : 96234039926  
Option 2 ID : 96234039928  
Option 3 ID : 96234039925  
Option 4 ID : 96234039927  
Status : Not Answered  
Chosen Option : --

Q.6 A sum of ₹2,000 was spent in buying a pair of trousers. The sum spent was  $\frac{2}{5}$ th of the total money Shashi had with her.  
2 How much was the total money she had?

- Ans
- 1. ₹4,750
  - 2. ₹4,250
  - 3. ₹4,000
  - 4. ₹5,000

Question ID : 96234010031  
Option 1 ID : 96234040123  
Option 2 ID : 96234040122  
Option 3 ID : 96234040121  
Option 4 ID : 96234040124  
Status : Answered  
Chosen Option : 4

Q.6 Kuchipudi has its roots in which Indian State?  
3

- Ans
- 1. Andhra Pradesh
  - 2. Kerala
  - 3. Arunachal Pradesh
  - 4. Himachal Pradesh

Question ID : 9623409985  
Option 1 ID : 96234039938  
Option 2 ID : 96234039939  
Option 3 ID : 96234039937  
Option 4 ID : 96234039940  
Status : Answered  
Chosen Option : 1

Q.6 In a code language, 295 means 'water is liquid', 549 means 'oil is liquid' and 824 means 'oil on water'. Find the code for 'on'.  
4

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

Question ID : 96234010055  
Option 1 ID : 96234040218  
Option 2 ID : 96234040220  
Option 3 ID : 96234040217  
Option 4 ID : 96234040219  
Status : Answered  
Chosen Option : 2

Q.6 A 200 g block of iron was heated from 30°C to 60°C How much heat was transferred to the block (specific heat of iron is 5 450 Jkg<sup>-1</sup>K<sup>-1</sup>)?

- Ans
- 1. 6000 J
  - 2. 2700 J
  - 3. 270 J
  - 4. 27 J

Question ID : 96234010014

Option 1 ID : 96234040056

Option 2 ID : 96234040055

Option 3 ID : 96234040054

Option 4 ID : 96234040053

Status : Answered

Chosen Option : 2

Q.6 A wire of length l and radius r has a resistance R. The resistance of another wire made of the same material but having half its length and half its radius will be \_\_\_\_.

- Ans
- 1. 4R
  - 2. 2R
  - 3. R/2
  - 4. R

Question ID : 96234010022

Option 1 ID : 96234040088

Option 2 ID : 96234040087

Option 3 ID : 96234040085

Option 4 ID : 96234040086

Status : Answered

Chosen Option : 2

Q.6 What is the work that needs to be done to increase the speed of a 1 kg ball from 2 m/s to 4 m/s?

- Ans
- 1. 6 J
  - 2. 12 J
  - 3. 10 J
  - 4. 8 J

Question ID : 9623409990

Option 1 ID : 96234039957

Option 2 ID : 96234039960

Option 3 ID : 96234039959

Option 4 ID : 96234039958

Status : Answered

Chosen Option : 1

Q.6 What is the least number which when doubled is perfectly divisible by 7, 12 and 15?

- Ans
- 1. 214
  - 2. 215
  - 3. 210
  - 4. 220

Question ID : 96234010032

Option 1 ID : 96234040128

Option 2 ID : 96234040127

Option 3 ID : 96234040125

Option 4 ID : 96234040126

Status : **Answered**  
Chosen Option : **3**

Q.6 A cylindrical wire of length  $L$  and radius  $r$  has a resistance of  $R$ . The resistance of another wire of the same material but thrice its length and one-third its radius will be \_\_\_\_\_.

- Ans
- 1.  $3R$
  - 2.  $9R$
  - 3.  $27R$
  - 4.  $R$

Question ID : **96234010017**  
Option 1 ID : **96234040067**  
Option 2 ID : **96234040066**  
Option 3 ID : **96234040065**  
Option 4 ID : **96234040068**  
Status : **Answered**  
Chosen Option : **3**

Q.7 In engineering drawing, the letters LH signifies \_\_\_\_\_.

- Ans
- 1. Left Hand
  - 2. Low Heat
  - 3. Level Hide
  - 4. Limit of Height

Question ID : **9623409999**  
Option 1 ID : **96234039996**  
Option 2 ID : **96234039993**  
Option 3 ID : **96234039994**  
Option 4 ID : **96234039995**  
Status : **Answered**  
Chosen Option : **1**

Q.7 I, J, K and L are sitting in a row. L and I are sitting next to each other and I and K are at the ends. Who is sitting next to J?

- Ans
- 1. Only K
  - 2. Only L
  - 3. K and L
  - 4. L and I

Question ID : **96234010069**  
Option 1 ID : **96234040276**  
Option 2 ID : **96234040274**  
Option 3 ID : **96234040275**  
Option 4 ID : **96234040273**  
Status : **Answered**  
Chosen Option : **3**

Q.7 Velocity ratio of simple machine is the ratio of distance travelled by the \_\_\_\_\_ to the distance travelled by the \_\_\_\_\_ in the machine.

- Ans
- 1. effort; effort
  - 2. load; load
  - 3. effort; load
  - 4. load; effort

Question ID : **96234010009**

Option 1 ID : 96234040035  
Option 2 ID : 96234040036  
Option 3 ID : 96234040033  
Option 4 ID : 96234040034  
Status : Answered  
Chosen Option : 3

Q.7  
3 Which of the following options does not have an SI base unit?

- Ans
- 1. Electric current
  - 2. Luminous intensity
  - 3. Frequency
  - 4. Amount of substance

Question ID : 9623409986  
Option 1 ID : 96234039943  
Option 2 ID : 96234039942  
Option 3 ID : 96234039944  
Option 4 ID : 96234039941  
Status : Answered  
Chosen Option : 3

Q.7  
4 Which one of these is a harvest festival?

- Ans
- 1. Janmashtami
  - 2. Teej
  - 3. Onam
  - 4. Deepawali

Question ID : 9623409977  
Option 1 ID : 96234039905  
Option 2 ID : 96234039908  
Option 3 ID : 96234039906  
Option 4 ID : 96234039907  
Status : Answered  
Chosen Option : 3

Q.7  
5 Two resistors of  $2\ \Omega$  and  $6\ \Omega$  are connected in series and this combination is connected across a 12 V battery. Find the power supplied by the battery.

- Ans
- 1. 18 W
  - 2. 16 W
  - 3. 14 W
  - 4. 10 W

Question ID : 96234010025  
Option 1 ID : 96234040100  
Option 2 ID : 96234040099  
Option 3 ID : 96234040098  
Option 4 ID : 96234040097  
Status : Answered  
Chosen Option : 1

Q.7  
6 A source of voltage  $V$  maintains a current  $i$  in a circuit. The energy supplied to the circuit by the source in time  $t$  is \_\_\_\_\_.

- Ans
- 1.  $V/it$
  - 2.  $Vi/t$

3. Vit  
 4. 1/Vit

Question ID : 96234010021  
Option 1 ID : 96234040082  
Option 2 ID : 96234040083  
Option 3 ID : 96234040081  
Option 4 ID : 96234040084  
Status : Answered  
Chosen Option : 3

Q.7  
7 Select the option that is related to the third term in the same way as the second term is related to the first term.

Tall : Short :: Glad : ?

- Ans  1. Sad  
 2. Emotion  
 3. Happy  
 4. Smile

Question ID : 96234010051  
Option 1 ID : 96234040201  
Option 2 ID : 96234040204  
Option 3 ID : 96234040202  
Option 4 ID : 96234040203  
Status : Answered  
Chosen Option : 1

Q.7  
8 If  $5050 \times 0.5x = 25250$ , then  $2505 \div x^2 = ?$

- Ans  1. 250.5  
 2. 25.05  
 3. 0.2505  
 4. 2.505

Question ID : 96234010028  
Option 1 ID : 96234040112  
Option 2 ID : 96234040110  
Option 3 ID : 96234040111  
Option 4 ID : 96234040109  
Status : Answered  
Chosen Option : 2

Q.7  
9 If a body is NOT homogeneous, then its density is a function of its \_\_\_\_\_.

- Ans  1. acceleration  
 2. velocity  
 3. pressure  
 4. position

Question ID : 9623409992  
Option 1 ID : 96234039967  
Option 2 ID : 96234039966  
Option 3 ID : 96234039968  
Option 4 ID : 96234039965  
Status : Not Answered  
Chosen Option : --



Q.8 The ages of X and Y are in the ratio 4 : 7. Three years earlier, the ratio of their ages was 1 : 2. What is the difference between their current ages (Y - X)?

- Ans
- 1. 7.5
  - 2. 6
  - 3. 3
  - 4. 9

Question ID : 96234010050  
Option 1 ID : 96234040199  
Option 2 ID : 96234040198  
Option 3 ID : 96234040197  
Option 4 ID : 96234040200  
Status : Answered  
Chosen Option : 4

Q.8 The abbreviation AC in an engineering drawing stands for \_\_\_\_\_.

- Ans
- 1. Across Corners
  - 2. Attached Circle
  - 3. Aerial Cut
  - 4. Air Conditioning

Question ID : 9623409997  
Option 1 ID : 96234039985  
Option 2 ID : 96234039988  
Option 3 ID : 96234039987  
Option 4 ID : 96234039986  
Status : Not Answered  
Chosen Option : --

Q.8 A salesperson starts from his office and drives 2 km east, then turns north and drives 7 km, then turns to his right and drives 6 km, then turns south and drives 7 km. Where is he now with respect to his starting position?

- Ans
- 1. 8 km east
  - 2. 8 km west
  - 3. 4 km west
  - 4. 4 km east

Question ID : 96234010072  
Option 1 ID : 96234040285  
Option 2 ID : 96234040286  
Option 3 ID : 96234040288  
Option 4 ID : 96234040287  
Status : Answered  
Chosen Option : 1

Q.8 What is the median of 8, 5, 7, 9, 11, 6, 10 ?

- Ans
- 1. 9
  - 2. 10
  - 3. 7
  - 4. 8

Question ID : 96234010046  
Option 1 ID : 96234040183  
Option 2 ID : 96234040184  
Option 3 ID : 96234040181  
Option 4 ID : 96234040182

Status : **Answered**  
Chosen Option : 4

**Q.8** Given below is a statement followed by two assumptions numbered I and II. You have to decide which of the assumptions is/are implicit in the statement.

4

Statement: The human body produces Vitamin D when exposed to sunlight.

Assumption I: The human body will have Vitamin D even if it is not consumed via food.

Assumption II: A large portion of the global population suffers from Vitamin D deficiency.

- Ans
- 1. Only assumption I is implicit
  - 2. Both I and II are implicit
  - 3. Only assumption II is implicit
  - 4. Neither I nor II is implicit

Question ID : 96234010074  
Option 1 ID : 96234040293  
Option 2 ID : 96234040295  
Option 3 ID : 96234040294  
Option 4 ID : 96234040296  
Status : **Answered**  
Chosen Option : 1

**Q.8** Given below is a question, followed by two arguments, I and II. You have to decide which of the given arguments, if any, is a strong argument, with respect to the question.

5

Question: Should advertisements be banned on television?

Argument I : Yes, advertisements are immoral.

Argument II : No, advertisements bring in revenue which helps reduce cost for viewers.

- Ans
- 1. Only argument II is strong.
  - 2. Both I and II are strong.
  - 3. Neither I nor II is strong.
  - 4. Only argument I is strong.

Question ID : 96234010075  
Option 1 ID : 96234040298  
Option 2 ID : 96234040299  
Option 3 ID : 96234040300  
Option 4 ID : 96234040297  
Status : **Answered**  
Chosen Option : 1

**Q.8** Who was the first governor of the Reserve Bank of India?

6

- Ans
- 1. KR Puri
  - 2. Sir Osborne A Smith
  - 3. Sir James Braid Taylor
  - 4. HVR Iyengar

Question ID : 9623409984  
Option 1 ID : 96234039933  
Option 2 ID : 96234039934  
Option 3 ID : 96234039935  
Option 4 ID : 96234039936  
Status : **Not Answered**  
Chosen Option : --

**Q.8** A and B can do a work in 15 days, B and C can do the work in 20 days and A and C can do the work in 10 days. In how many days will they together complete the work?

7

- Ans
- 1. 10.67 days
  - 2. 10.91 days
  - 3. 10.71 days
  - 4. 9.23 days

Question ID : 96234010048  
Option 1 ID : 96234040189  
Option 2 ID : 96234040192  
Option 3 ID : 96234040190  
Option 4 ID : 96234040191  
Status : Answered  
Chosen Option : 4

Q.8 Two resistors, one of  $12\ \Omega$  and the other of  $24\ \Omega$  are connected in parallel. This combination is connected in series with a  $22\ \Omega$  resistor and a  $12\ \text{V}$  battery. The current in the  $12\ \Omega$  resistor is \_\_\_\_\_.

- Ans
- 1.  $(4/15)\ \text{A}$
  - 2.  $(8/15)\ \text{A}$
  - 3.  $(6/15)\ \text{A}$
  - 4.  $(2/15)\ \text{A}$

Question ID : 96234010016  
Option 1 ID : 96234040062  
Option 2 ID : 96234040064  
Option 3 ID : 96234040063  
Option 4 ID : 96234040061  
Status : Not Answered  
Chosen Option : --

Q.8 If the width of a standard engineering drawing sheet is  $841\ \text{mm}$ , then its length would be \_\_\_\_\_ mm.

- Ans
- 1. 1216
  - 2. 1189
  - 3. 1000
  - 4. 1250

Question ID : 9623409998  
Option 1 ID : 96234039990  
Option 2 ID : 96234039992  
Option 3 ID : 96234039989  
Option 4 ID : 96234039991  
Status : Answered  
Chosen Option : 2

Q.9 The volume of a given amount of water \_\_\_\_\_ between  $0^\circ\ \text{C}$  to  $4^\circ\ \text{C}$ .

- Ans
- 1. increases
  - 2. is zero
  - 3. decreases
  - 4. remains constant

Question ID : 9623409991  
Option 1 ID : 96234039964  
Option 2 ID : 96234039963  
Option 3 ID : 96234039961  
Option 4 ID : 96234039962

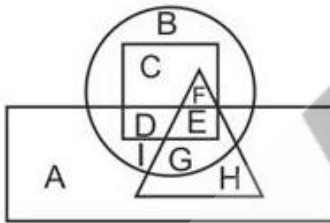
Status : **Answered**  
Chosen Option : 3

Q.9  
1 JPEG stands for \_\_\_\_\_.

- Ans
- 1. Joint Photographic Experts Group
  - 2. Joint Program Experts Group
  - 3. Joint Program Experimental Group
  - 4. Joint Program Executing Group

Question ID : 96234010008  
Option 1 ID : 96234040030  
Option 2 ID : 96234040029  
Option 3 ID : 96234040031  
Option 4 ID : 96234040032  
Status : **Answered**  
Chosen Option : 1

Q.9  
2 In the following figure, square represents Chinese, triangle represents dancers, circle represents male and rectangle represents architects. Which set of letters represents dancers who are male?



- Ans
- 1. GEF
  - 2. DEIG
  - 3. IGH
  - 4. DEF

Question ID : 96234010063  
Option 1 ID : 96234040250  
Option 2 ID : 96234040249  
Option 3 ID : 96234040252  
Option 4 ID : 96234040251  
Status : **Answered**  
Chosen Option : 1

Q.9  
3 The effort in a class 1 lever is in \_\_\_\_\_ direction(s).

- Ans
- 1. two
  - 2. one
  - 3. multiple
  - 4. three

Question ID : 96234010012  
Option 1 ID : 96234040046  
Option 2 ID : 96234040048  
Option 3 ID : 96234040045  
Option 4 ID : 96234040047

Status : **Not Answered**  
Chosen Option : --

Q.9 A motorcycle travelled 1000 m at 36 km/hr. Find the time (in seconds) taken by the motorcycle to cover this distance.

- 4  
Ans  1. 300  
 2. 100  
 3. 400  
 4. 200

Question ID : 96234010020  
Option 1 ID : 96234040079  
Option 2 ID : 96234040077  
Option 3 ID : 96234040080  
Option 4 ID : 96234040078  
Status : **Answered**  
Chosen Option : 2

Q.9 You are given a question and two statements. Identify which of the statements is/are necessary/sufficient to answer the question.

- 5  
Question: What was the discount percent offered on the soap by the store?  
Statements:  
I) The store is giving 1 soap free on purchase of three.  
II) ₹10 discount is offered on purchase of soap worth ₹36.

- Ans  1. Neither I nor II is sufficient  
 2. I alone is sufficient while II alone is not sufficient  
 3. II alone is sufficient while I alone is not sufficient  
 4. Either I or II is sufficient

Question ID : 96234010065  
Option 1 ID : 96234040260  
Option 2 ID : 96234040257  
Option 3 ID : 96234040258  
Option 4 ID : 96234040259  
Status : **Not Answered**  
Chosen Option : --

Q.9  $\sec 45^\circ - \tan 60^\circ = ?$

- 6  
Ans  1.  $\sqrt{3} + \sqrt{2}$   
 2.  $-\sqrt{3} - \sqrt{2}$   
 3.  $\frac{\sqrt{3}}{2}$   
 4.  $-\sqrt{3} + \sqrt{2}$

Question ID : 96234010040  
Option 1 ID : 96234040157  
Option 2 ID : 96234040160  
Option 3 ID : 96234040159  
Option 4 ID : 96234040158  
Status : **Answered**  
Chosen Option : 4

Q.9 The Ajanta Caves in Maharashtra feature paintings and sculptures that depict \_\_\_\_\_ tales?

- 7  
Ans  1. Arabic  
 2. Buddhist

3. Maratha

4. Islamic

Question ID : 9623409980

Option 1 ID : 96234039920

Option 2 ID : 96234039918

Option 3 ID : 96234039917

Option 4 ID : 96234039919

Status : Not Answered

Chosen Option : --

Q.9 It is mainly due to the gravitational effect of the \_\_\_\_\_ on the rotating earth that the level of water in the sea rises and falls.  
8

Ans  1. Moon

2. Sun

3. Venus

4. Mercury

Question ID : 9623409988

Option 1 ID : 96234039952

Option 2 ID : 96234039949

Option 3 ID : 96234039950

Option 4 ID : 96234039951

Status : Answered

Chosen Option : 1

Q.9 A car covers 400 m in 20 seconds. Find the average speed (in km/hr) of the car.  
9

Ans  1. 124

2. 108

3. 72

4. 36

Question ID : 96234010019

Option 1 ID : 96234040076

Option 2 ID : 96234040075

Option 3 ID : 96234040074

Option 4 ID : 96234040073

Status : Answered

Chosen Option : 3

Q.1 Greater the value of \_\_\_\_\_ of a material, the more rapidly it will conduct heat.  
00

Ans  1. regelation

2. melting point

3. thermal conductivity

4. latent heat

Question ID : 96234010004

Option 1 ID : 96234040016

Option 2 ID : 96234040013

Option 3 ID : 96234040014

Option 4 ID : 96234040015

Status : Answered

Chosen Option : 3

Q.1 Which of the following statement is correct about an independent four jaw chuck?

Ans  1. The jaws can be moved in and out radially

2. The jaws move simultaneously

3.

The jaws cannot be used to hold a bar having a square cross section

4. It is not to be used for round jobs

Question ID : 96234010092

Option 1 ID : 96234040367

Option 2 ID : 96234040366

Option 3 ID : 96234040368

Option 4 ID : 96234040365

Status : Not Answered

Chosen Option : --

Q.2 The length of a sine bar is the distance between \_\_\_\_\_.

Ans  1. centre-to-centre distance between rollers

2. one end to another end of the sine bar

3. outside-to-outside distance between rollers.

4. diagonal cross-length of the sine bar

Question ID : 96234010097

Option 1 ID : 96234040387

Option 2 ID : 96234040385

Option 3 ID : 96234040388

Option 4 ID : 96234040386

Status : Not Answered

Chosen Option : --

Q.3 A prick punch having angle of taper  $60^\circ$  is used for \_\_\_\_\_.

Ans  1. punching marks for holes to be drilled

2. removing broken thread

3. locating hole position

4. locating divider points

Question ID : 96234010084

Option 1 ID : 96234040333

Option 2 ID : 96234040336

Option 3 ID : 96234040335

Option 4 ID : 96234040334

Status : Answered

Chosen Option : 4

Q.4 In the context of welding process, electrode size refers to \_\_\_\_\_.

Ans  1. thickness of flux coating

2. overall diameter of an electrode

3. diameter of its core wire

4. length of an electrode

Question ID : 96234010143

Option 1 ID : 96234040570

Option 2 ID : 96234040572

Option 3 ID : 96234040571

Option 4 ID : 96234040569

Status : Answered

Chosen Option : 2

Q.5 What is the use of hermaphrodite caliper?

- Ans
- 1. Scribing parallel line to an edge.
  - 2. Scribing a cycloid to an edge.
  - 3. Checking diameter of a round bar.
  - 4. Scribing zig-zag lines.

Question ID : 96234010117

Option 1 ID : 96234040466

Option 2 ID : 96234040465

Option 3 ID : 96234040467

Option 4 ID : 96234040468

Status : Answered

Chosen Option : 1

Q.6 The part of the universal surface gauge which helps to draw a parallel line along a datum edge is the \_\_\_\_\_.

- Ans
- 1. snug
  - 2. guide pins
  - 3. rocker arm
  - 4. fine adjustment screw

Question ID : 96234010085

Option 1 ID : 96234040338

Option 2 ID : 96234040340

Option 3 ID : 96234040337

Option 4 ID : 96234040339

Status : Answered

Chosen Option : 2

Q.7 ଗୋଟିଏ ବୋରିଂ ଅପରେସନରେ, 1 mm ର କଟ ହୋଇଥିବା ପରିମାଣସ୍ୱରୂପ ତାପନିଟରରେ \_\_\_\_\_ mm ର ବୃଦ୍ଧି ହେବ ।

- Ans
- 1. 1
  - 2. 1.5
  - 3. 2
  - 4. 0.5

Question ID : 96234010088

Option 1 ID : 96234040350

Option 2 ID : 96234040351

Option 3 ID : 96234040352

Option 4 ID : 96234040349

Status : Not Answered

Chosen Option : --

Q.8 ଏକ ପ୍ଲେନ ବୁଗ ବିଅରିଂରେ, ହାତସିଂରେ ବୁଗ ଘୂର୍ଣ୍ଣନକୁ ବାରଣ କରିବା ପାଇଁ ତାହା \_\_\_\_\_ ଦ୍ୱାରା ଫିଟ ହେବା ଉଚିତ ।

- Ans
- 1. ସୋଲଡରିଂ
  - 2. ଷ୍ଟେଲଡିଂ



3. କା ଦା ସ୍ୱ

4. ବ୍ରେଜିଂ

Question ID : 96234010099

Option 1 ID : 96234040393

Option 2 ID : 96234040396

Option 3 ID : 96234040394

Option 4 ID : 96234040395

Status : Not Answered

Chosen Option : --

Q.9 ସାଧାରଣତଃ, ଦ୍ରୁତ-ଗତି ଖିଲକୁ କଠିନ କରିବା ପାଇଁ ନିମ୍ନଲିଖିତ କେଉଁ କ୍ୱେଷ୍ଟିଙ୍ଗ ମିଡିୟମ ବ୍ୟବହୃତ ହୁଏ?

Ans  1. ସୋଡା ଖାର

2. ଜଳ

3. ତୈଳ

4. ଲୁଣିଆ ପାଣି ଦ୍ରବଣ

Question ID : 96234010127

Option 1 ID : 96234040505

Option 2 ID : 96234040508

Option 3 ID : 96234040506

Option 4 ID : 96234040507

Status : Not Answered

Chosen Option : --

Q.1 The type of thread cut on lead screw of a lathe is \_\_\_\_\_.

Ans  1. knuckle thread

2. acme thread

3. buttress thread

4. worm thread

Question ID : 96234010112

Option 1 ID : 96234040445

Option 2 ID : 96234040447

Option 3 ID : 96234040446

Option 4 ID : 96234040448

Status : Answered

Chosen Option : 2

Q.1 In case of riveted joints, caulking and fullering are the processes performed to make the joints \_\_\_\_\_.

Ans  1. Strong

2. Soft

3. leak proof

4. flexible

Question ID : 96234010139

Option 1 ID : 96234040555

Option 2 ID : 96234040554

Option 3 ID : 96234040553

Option 4 ID : 96234040556

Status : Answered

Chosen Option : 3

Q.1  
2 Which part of a lathe machine is involved for taper turning?

- Ans
- 1. Cross slide
  - 2. Carriage
  - 3. Gearbox
  - 4. Leadscrew

Question ID : 96234010079  
Option 1 ID : 96234040315  
Option 2 ID : 96234040314  
Option 3 ID : 96234040313  
Option 4 ID : 96234040316  
Status : Answered  
Chosen Option : 1

Q.1  
3 Which of the following is an advantage of plant maintenance?

- Ans
- 1. It decreases accuracy of instruments
  - 2. It increases life of instruments
  - 3. It decreases plant safety
  - 4. It decreases life of instruments

Question ID : 96234010136  
Option 1 ID : 96234040543  
Option 2 ID : 96234040542  
Option 3 ID : 96234040544  
Option 4 ID : 96234040541  
Status : Answered  
Chosen Option : 2

Q.1  
4 For deep underwater cutting, which of the following gas is used?

- Ans
- 1. Acetylene
  - 2. LPG
  - 3. Methane
  - 4. Hydrogen

Question ID : 96234010109  
Option 1 ID : 96234040436  
Option 2 ID : 96234040434  
Option 3 ID : 96234040433  
Option 4 ID : 96234040435  
Status : Answered  
Chosen Option : 4

Q.1  
5 During an arc welding process, for protecting eyes \_\_\_\_\_ should be used.

- Ans
- 1. mask
  - 2. dark glass screen
  - 3. clear glasses
  - 4. sun goggles

Question ID : 96234010131  
Option 1 ID : 96234040522  
Option 2 ID : 96234040524

Option 3 ID : 96234040521  
Option 4 ID : 96234040523  
Status : Answered  
Chosen Option : 2

Q.1  
6 During the use of shaft, the the component used to hold & support the shaft is called \_\_\_\_\_.

- Ans
- 1. shaft
  - 2. pulley
  - 3. bearing
  - 4. gear

Question ID : 96234010148  
Option 1 ID : 96234040591  
Option 2 ID : 96234040590  
Option 3 ID : 96234040592  
Option 4 ID : 96234040589  
Status : Answered  
Chosen Option : 3

Q.1  
7 In the hole basis system, the hole is kept constant & the size of the \_\_\_\_\_ is varied to get the desired fit.

- Ans
- 1. hole
  - 2. tolerance
  - 3. shaft
  - 4. fit

Question ID : 96234010101  
Option 1 ID : 96234040402  
Option 2 ID : 96234040404  
Option 3 ID : 96234040401  
Option 4 ID : 96234040403  
Status : Answered  
Chosen Option : 3

Q.1  
8 \_\_\_\_\_ is the capacity of the metal to be expanded in all directions without fracturing by hammering or rolling.

- Ans
- 1. Casting
  - 2. Malleability
  - 3. Hardness
  - 4. Brittleness

Question ID : 96234010120  
Option 1 ID : 96234040478  
Option 2 ID : 96234040480  
Option 3 ID : 96234040477  
Option 4 ID : 96234040479  
Status : Answered  
Chosen Option : 2

Q.1  
9 The number of threads per inch can be checked with a \_\_\_\_\_.

- Ans
- 1. slip gauge
  - 2. ring gauge
  - 3. metric rule

✓ 4. screw pitch gauge

Question ID : 96234010094  
Option 1 ID : 96234040373  
Option 2 ID : 96234040375  
Option 3 ID : 96234040374  
Option 4 ID : 96234040376  
Status : Answered  
Chosen Option : 4

Q.2  
0 A slight convexity is given to the cutting edges of flat chisel to \_\_\_\_\_.

- Ans
- ✗ 1. allow the lubricant to enter
  - ✗ 2. cut sharp corners
  - ✓ 3. prevent digging of the ends of cutting edge
  - ✗ 4. cut curved surfaces

Question ID : 96234010086  
Option 1 ID : 96234040344  
Option 2 ID : 96234040342  
Option 3 ID : 96234040343  
Option 4 ID : 96234040341  
Status : Answered  
Chosen Option : 3

Q.2  
1 କଟି ତୁଲର ମୁଭମେଣ୍ଟରେ ଡାର୍କସର୍ଫେସରେ ହେଉଥିବା ପ୍ୟାଟର୍ଣ୍ଣକୁ \_\_\_\_\_ କୁହାଯାଏ ।

- Ans
- ✓ 1. ସର୍ଫେସ ଟେକ୍ସଚର
  - ✗ 2. ରଫନେସ
  - ✗ 3. ଷ୍ଟେଭିନେସ
  - ✗ 4. ରଫନେସ ସେସିଂ

Question ID : 96234010096  
Option 1 ID : 96234040384  
Option 2 ID : 96234040382  
Option 3 ID : 96234040381  
Option 4 ID : 96234040383  
Status : Not Answered  
Chosen Option : --

Q.2  
2 \_\_\_\_\_ is that process of case hardening in which the outer layer is made hard by increasing amount of carbon.

- Ans
- ✗ 1. Tempering
  - ✓ 2. Carburizing
  - ✗ 3. Normalizing
  - ✗ 4. Annealing

Question ID : 96234010122  
Option 1 ID : 96234040488  
Option 2 ID : 96234040487  
Option 3 ID : 96234040485  
Option 4 ID : 96234040486  
Status : Answered  
Chosen Option : 2

Q.2

3 The roughing out machine tap has \_\_\_\_\_.

- Ans
- 1. tapered flutes
  - 2. helical flutes
  - 3. no flutes
  - 4. straight flutes

Question ID : 96234010111  
Option 1 ID : 96234040443  
Option 2 ID : 96234040442  
Option 3 ID : 96234040444  
Option 4 ID : 96234040441  
Status : Not Answered  
Chosen Option : --

Q.2  
4 In sheet metal operation two edges are joined by \_\_\_\_\_.

- Ans
- 1. grooving
  - 2. seaming
  - 3. heming
  - 4. bending

Question ID : 96234010123  
Option 1 ID : 96234040491  
Option 2 ID : 96234040490  
Option 3 ID : 96234040489  
Option 4 ID : 96234040492  
Status : Not Answered  
Chosen Option : --

Q.2  
5 Indexing type tool post are called \_\_\_\_\_ way tool post.

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

Question ID : 96234010140  
Option 1 ID : 96234040559  
Option 2 ID : 96234040557  
Option 3 ID : 96234040560  
Option 4 ID : 96234040558  
Status : Not Answered  
Chosen Option : --

Q.2  
6 The distance between the crest & the root of a thread measured normal to the axis is \_\_\_\_\_.

- Ans
- 1. Pitch diameter
  - 2. Depth of thread
  - 3. Thickness of thread
  - 4. Minor diameter

Question ID : 96234010141  
Option 1 ID : 96234040563  
Option 2 ID : 96234040562  
Option 3 ID : 96234040561

Option 4 ID : 96234040564  
Status : Answered  
Chosen Option : 2

Q.2  
7 Which of the following heat treatment method is generally used for relieving internal stresses of a hardened tool?

- Ans
- 1. Annealing
  - 2. Stabilizing
  - 3. Normalizing
  - 4. Tempering

Question ID : 96234010118  
Option 1 ID : 96234040471  
Option 2 ID : 96234040472  
Option 3 ID : 96234040470  
Option 4 ID : 96234040469  
Status : Answered  
Chosen Option : 3

Q.2  
8 In which forging operation the length of job is reduced & diameter & thickness of job are increased?

- Ans
- 1. Upsetting
  - 2. Drifting
  - 3. Punching
  - 4. Drawing down

Question ID : 96234010121  
Option 1 ID : 96234040482  
Option 2 ID : 96234040483  
Option 3 ID : 96234040484  
Option 4 ID : 96234040481  
Status : Answered  
Chosen Option : 1

Q.2  
9 ଚେପର ସାକର ସମତଳ ହୋଇଥିବା ଏଣ୍ଡ ସାହା ସିଷ୍ଟମରେ ଡ୍ରିଫ୍ଟ ସ୍ଥିତିରେ ଫିଟ କରାଯିବା ପାଇଁ ଥାଏ, ତାହାକୁ କ'ଣ କୁହାଯାଏ?

- Ans
- 1. ସାକ
  - 2. ଫ୍ଲାକ
  - 3. ଫ୍ଲୁଟ
  - 4. ଚ୍ୟାକ

Question ID : 96234010125  
Option 1 ID : 96234040497  
Option 2 ID : 96234040498  
Option 3 ID : 96234040500  
Option 4 ID : 96234040499  
Status : Not Answered  
Chosen Option : --

Q.3  
0 Following which things must be watched when sharpening a drill.

- Ans
- 1. Shank
  - 2. Margin
  - 3. Flute

✓ 4. Angle of lips

Question ID : 96234010128  
Option 1 ID : 96234040512  
Option 2 ID : 96234040511  
Option 3 ID : 96234040509  
Option 4 ID : 96234040510  
Status : Not Answered  
Chosen Option : --

Q.3  
1 Which is the purest form of iron?

- Ans ✓ 1. Wrought iron  
✗ 2. Cast iron  
✗ 3. Pig iron  
✗ 4. Steel

Question ID : 96234010105  
Option 1 ID : 96234040417  
Option 2 ID : 96234040418  
Option 3 ID : 96234040419  
Option 4 ID : 96234040420  
Status : Answered  
Chosen Option : 1

Q.3  
2 During marking, the reference surface is provided by \_\_\_\_\_.

- Ans ✗ 1. work piece  
✗ 2. bore gauge  
✓ 3. marking-off table  
✗ 4. sketch of the job

Question ID : 96234010077  
Option 1 ID : 96234040306  
Option 2 ID : 96234040308  
Option 3 ID : 96234040307  
Option 4 ID : 96234040305  
Status : Answered  
Chosen Option : 3

Q.3  
3 Straight shank drill is held in \_\_\_\_\_.

- Ans ✗ 1. sleeve  
✓ 2. drill chuck  
✗ 3. arbor  
✗ 4. socket

Question ID : 96234010082  
Option 1 ID : 96234040325  
Option 2 ID : 96234040328  
Option 3 ID : 96234040327  
Option 4 ID : 96234040326  
Status : Answered  
Chosen Option : 2

Q.3  
4 A wedge like tool is used for removing the taper shank tools from the nose of the machine spindle is called \_\_\_\_\_.

- Ans
- 1. drill drift
  - 2. drill socket
  - 3. drill chuck
  - 4. drill key

Question ID : 96234010106  
Option 1 ID : 96234040424  
Option 2 ID : 96234040423  
Option 3 ID : 96234040421  
Option 4 ID : 96234040422  
Status : Answered  
Chosen Option : 1

Q.3  
5 In railway carriage coupling \_\_\_\_\_ thread is used.

- Ans
- 1. Square
  - 2. Acme
  - 3. Buttress
  - 4. Knuckle

Question ID : 96234010142  
Option 1 ID : 96234040568  
Option 2 ID : 96234040567  
Option 3 ID : 96234040565  
Option 4 ID : 96234040566  
Status : Not Answered  
Chosen Option : --

Q.3  
6 Which of the following types of pulley is used in-group drives?

- Ans
- 1. Fast and loose pulley
  - 2. Split pulley
  - 3. Solid pulley
  - 4. Jockey pulley

Question ID : 96234010130  
Option 1 ID : 96234040517  
Option 2 ID : 96234040520  
Option 3 ID : 96234040519  
Option 4 ID : 96234040518  
Status : Not Answered  
Chosen Option : --

Q.3  
7 The process of embedding the abrasive grains on lapping tool is called as \_\_\_\_\_.

- Ans
- 1. Charging
  - 2. Fixing
  - 3. Rubbing
  - 4. Brushing

Question ID : 96234010098  
Option 1 ID : 96234040390  
Option 2 ID : 96234040391  
Option 3 ID : 96234040389  
Option 4 ID : 96234040392



Status : **Not Answered**  
Chosen Option : --

Q.3  
8 What is the value for roughness grade no 'N4' in micrometers

- Ans
- 1. 0.025
  - 2. 0.05
  - 3. 0.1
  - 4. 0.2

Question ID : 96234010146  
Option 1 ID : 96234040581  
Option 2 ID : 96234040582  
Option 3 ID : 96234040583  
Option 4 ID : 96234040584  
Status : **Not Answered**  
Chosen Option : --

Q.3  
9 The rivets are designated by \_\_\_\_\_.

- Ans
- 1. head diameter only
  - 2. length and diameter of rivet
  - 3. length of rivet only
  - 4. head shape only

Question ID : 96234010078  
Option 1 ID : 96234040309  
Option 2 ID : 96234040311  
Option 3 ID : 96234040310  
Option 4 ID : 96234040312  
Status : **Not Answered**  
Chosen Option : --

Q.4  
0 For flowering or frosling \_\_\_\_\_ scraper is used.

- Ans
- 1. Triangular
  - 2. Hook
  - 3. Flat
  - 4. Bull nose

Question ID : 96234010132  
Option 1 ID : 96234040528  
Option 2 ID : 96234040527  
Option 3 ID : 96234040525  
Option 4 ID : 96234040526  
Status : **Not Answered**  
Chosen Option : --

Q.4  
1 A work piece is center drilled in the lathe for the purpose of \_\_\_\_\_.

- Ans
- 1. spotting a hole for drilling or for turning in between centres
  - 2. turning in between centers only
  - 3. facing to the centre of the work piece
  - 4. for increasing strength of the workpiece

Question ID : 96234010090  
Option 1 ID : 96234040358  
Option 2 ID : 96234040357  
Option 3 ID : 96234040360  
Option 4 ID : 96234040359  
Status : Not Answered  
Chosen Option : --

Q.4  
2 A file having 20 teeth (approximately) per 1 inch is generally termed as a \_\_\_\_\_ file.

- Ans
- 1. rough
  - 2. second cut
  - 3. dead-smooth
  - 4. smooth

Question ID : 96234010144  
Option 1 ID : 96234040576  
Option 2 ID : 96234040575  
Option 3 ID : 96234040573  
Option 4 ID : 96234040574  
Status : Not Answered  
Chosen Option : --

Q.4  
3 The measuring faces of the slip gauges are finished by \_\_\_\_\_.

- Ans
- 1. honing
  - 2. reaming
  - 3. lapping
  - 4. drilling

Question ID : 96234010095  
Option 1 ID : 96234040378  
Option 2 ID : 96234040379  
Option 3 ID : 96234040377  
Option 4 ID : 96234040380  
Status : Not Answered  
Chosen Option : --

Q.4  
4 It works on the principle of rake & pinion.

- Ans
- 1. Vernier bevel protactor
  - 2. Dial test indicator
  - 3. Vernier height gauge
  - 4. Micrometer

Question ID : 96234010135  
Option 1 ID : 96234040540  
Option 2 ID : 96234040537  
Option 3 ID : 96234040539  
Option 4 ID : 96234040538  
Status : Answered  
Chosen Option : 2

Q.4  
5 In a brazing operation, which of the following is the commonly used flux?

- Ans
- 1. Sulphuric acid

- 2. Hydrochloric acid
- 3. Diesel oil
- 4. Borax

Question ID : 96234010145  
Option 1 ID : 96234040580  
Option 2 ID : 96234040579  
Option 3 ID : 96234040578  
Option 4 ID : 96234040577  
Status : Answered  
Chosen Option : 4

Q.4  
6 Which pulley increase wrapping angle of pulley?

- Ans
- 1. V-pulley
  - 2. Timer pulley
  - 3. Rope pulley
  - 4. Jockey pulley

Question ID : 96234010150  
Option 1 ID : 96234040597  
Option 2 ID : 96234040599  
Option 3 ID : 96234040598  
Option 4 ID : 96234040600  
Status : Not Answered  
Chosen Option : --

Q.4  
7 \_\_\_\_\_ is NOT a part of a combination set.

- Ans
- 1. Centre head
  - 2. Protractor head
  - 3. Slip gauge
  - 4. Square head

Question ID : 96234010133  
Option 1 ID : 96234040529  
Option 2 ID : 96234040531  
Option 3 ID : 96234040532  
Option 4 ID : 96234040530  
Status : Answered  
Chosen Option : 3

Q.4  
8 Which among the following operations will be most suitable, and will produce a larger diameter hole concentric to a cored hole in a casting?

- Ans
- 1. Boring
  - 2. Facing
  - 3. External turning
  - 4. Knurling

Question ID : 96234010091  
Option 1 ID : 96234040364  
Option 2 ID : 96234040363  
Option 3 ID : 96234040362  
Option 4 ID : 96234040361  
Status : Not Answered

Chosen Option : --

Q.4  
9 Which gauge is used for measuring diameter of a cylinder bore?

- Ans
- 1. Taper plug gauge
  - 2. Barometer
  - 3. Telescopic gauge
  - 4. Screw pitch gauge

Question ID : 96234010129

Option 1 ID : 96234040513

Option 2 ID : 96234040515

Option 3 ID : 96234040514

Option 4 ID : 96234040516

Status : Answered

Chosen Option : 3

Q.5  
0 Choose the best device to hold & locate a round bar for drilling.

- Ans
- 1. Adjustable stop locator
  - 2. Pin locator
  - 3. Wedge type locator
  - 4. V-block

Question ID : 96234010081

Option 1 ID : 96234040322

Option 2 ID : 96234040321

Option 3 ID : 96234040324

Option 4 ID : 96234040323

Status : Not Answered

Chosen Option : --

Q.5  
1 Shears are used to cut \_\_\_\_\_.

- Ans
- 1. rubber sheets
  - 2. G.I Wire
  - 3. thick sheet
  - 4. very thinned sheet

Question ID : 96234010080

Option 1 ID : 96234040320

Option 2 ID : 96234040319

Option 3 ID : 96234040318

Option 4 ID : 96234040317

Status : Answered

Chosen Option : 3

Q.5  
2 What is the function of a "pilot" when provided in reamer?

- Ans
- 1. Removing chips
  - 2. Hold in machine spindle
  - 3. Finish concentric hole
  - 4. Hold in tap wrench

Question ID : 96234010108

Option 1 ID : 96234040430  
Option 2 ID : 96234040432  
Option 3 ID : 96234040429  
Option 4 ID : 96234040431  
Status : Not Answered  
Chosen Option : --

Q.5  
3 The number of tolerance grades in the IS system of limits are \_\_\_\_\_.

- Ans
- 1. 18 grades of tolerance
  - 2. 14 grades of tolerance
  - 3. 20 grades of tolerance
  - 4. 16 grades of tolerance

Question ID : 96234010114  
Option 1 ID : 96234040455  
Option 2 ID : 96234040453  
Option 3 ID : 96234040456  
Option 4 ID : 96234040454  
Status : Answered  
Chosen Option : 1

Q.5  
4 For which purpose bed gap is maintained near head stock of lathe machine?

- Ans
- 1. To reduce bed weight
  - 2. To machine large diameter job
  - 3. To reduce cost of the machine
  - 4. To improve its aesthetics

Question ID : 96234010137  
Option 1 ID : 96234040545  
Option 2 ID : 96234040546  
Option 3 ID : 96234040547  
Option 4 ID : 96234040548  
Status : Answered  
Chosen Option : 2

Q.5  
5 \_\_\_\_\_ joint is a temporary joint.

- Ans
- 1. Soldered
  - 2. Riveted
  - 3. Welded
  - 4. Threaded

Question ID : 96234010116  
Option 1 ID : 96234040462  
Option 2 ID : 96234040463  
Option 3 ID : 96234040464  
Option 4 ID : 96234040461  
Status : Answered  
Chosen Option : 4

Q.5  
6 In globe valves the pressure is usually \_\_\_\_\_.

- Ans
- 1. against the stem
  - 2. under the seat

3. on the right side

4. on the left side

Question ID : 96234010103

Option 1 ID : 96234040410

Option 2 ID : 96234040412

Option 3 ID : 96234040411

Option 4 ID : 96234040409

Status : Not Answered

Chosen Option : --

Q.5  
7 Which property of metal is called mechanical property?

Ans  1. Tenacity

2. Specific gravity

3. Fusibility

4. Conductivity

Question ID : 96234010104

Option 1 ID : 96234040416

Option 2 ID : 96234040413

Option 3 ID : 96234040414

Option 4 ID : 96234040415

Status : Answered

Chosen Option : 1

Q.5  
8 In the process of dressing of grinding wheels to restore sharpness is done by \_\_\_\_\_.

Ans  1. sharp edged H.S.S cutter

2. tool steel dresser

3. pumice stone dresser

4. diamond dresser

Question ID : 96234010113

Option 1 ID : 96234040452

Option 2 ID : 96234040450

Option 3 ID : 96234040449

Option 4 ID : 96234040451

Status : Not Answered

Chosen Option : --

Q.5  
9 The ratio of the strength of a riveted joint to the strength of original solid plate is called as \_\_\_\_\_ of the joint.

Ans  1. stiffness

2. strength

3. an efficiency

4. an Accuracy

Question ID : 96234010124

Option 1 ID : 96234040496

Option 2 ID : 96234040495

Option 3 ID : 96234040494

Option 4 ID : 96234040493

Status : Answered

Chosen Option : 3

Q.6  
0 A drift is used for \_\_\_\_\_.

- Ans
- 1. drawing a drill location
  - 2. fixing chuck on the machine spindle
  - 3. removing the drill from the machine spindle
  - 4. removing a broken drill from the work

Question ID : 96234010083  
Option 1 ID : 96234040329  
Option 2 ID : 96234040330  
Option 3 ID : 96234040332  
Option 4 ID : 96234040331  
Status : Answered  
Chosen Option : 3

Q.6  
1 Which lathe machine attachment is used for relief to multipoint cutting tools \_\_\_\_\_.

- Ans
- 1. Milling attachment
  - 2. Relieving attachment
  - 3. Taper turning attachment
  - 4. Grinding attachment

Question ID : 96234010138  
Option 1 ID : 96234040549  
Option 2 ID : 96234040552  
Option 3 ID : 96234040550  
Option 4 ID : 96234040551  
Status : Not Answered  
Chosen Option : --

Q.6  
2 The creep in a belt drive is due to the

- Ans
- 1. Thickness of the belt
  - 2. Unequal tension in tight and slack sides of the belt
  - 3. Equal size of the pulleys
  - 4. Power fluctuation

Question ID : 96234010149  
Option 1 ID : 96234040594  
Option 2 ID : 96234040595  
Option 3 ID : 96234040596  
Option 4 ID : 96234040593  
Status : Not Answered  
Chosen Option : --

Q.6  
3 Drill chucks are fitted on the drilling machine spindle by means of \_\_\_\_\_.

- Ans
- 1. arbor
  - 2. drift
  - 3. knurled ring
  - 4. pinion & key

Question ID : 96234010107  
Option 1 ID : 96234040426

Option 2 ID : 96234040427  
Option 3 ID : 96234040425  
Option 4 ID : 96234040428  
Status : Answered  
Chosen Option : 1

Q.6  
4 The surface connecting crest & root of a thread is termed \_\_\_\_\_.

- Ans
- 1. depth of thread
  - 2. pitch
  - 3. thread angle
  - 4. flank

Question ID : 96234010110  
Option 1 ID : 96234040439  
Option 2 ID : 96234040438  
Option 3 ID : 96234040440  
Option 4 ID : 96234040437  
Status : Answered  
Chosen Option : 4

Q.6  
5 Which of the following process is done for finishing engine cylinder?

- Ans
- 1. Honing
  - 2. Drilling
  - 3. Filing
  - 4. Frosting

Question ID : 96234010147  
Option 1 ID : 96234040588  
Option 2 ID : 96234040587  
Option 3 ID : 96234040585  
Option 4 ID : 96234040586  
Status : Not Answered  
Chosen Option : --

Q.6  
6 Which of the following instrument is used for measuring higher temperatures in a furnace?

- Ans
- 1. Barometer
  - 2. Pyrometer
  - 3. Calorimeter
  - 4. Thermometer

Question ID : 96234010119  
Option 1 ID : 96234040475  
Option 2 ID : 96234040473  
Option 3 ID : 96234040474  
Option 4 ID : 96234040476  
Status : Answered  
Chosen Option : 2

Q.6  
7 Generally, which of the following material doesn't require coolant while machining?

- Ans
- 1. Aluminium
  - 2. Copper



3. Mild steel

4. Cast iron

Question ID : 96234010102

Option 1 ID : 96234040408

Option 2 ID : 96234040406

Option 3 ID : 96234040405

Option 4 ID : 96234040407

Status : Answered

Chosen Option : 4

Q.6  
8 The included angles between the lip drills is known as \_\_\_\_\_.

Ans  1. Rake angle

2. Chisel edge angle

3. Point angle

4. Helix angle

Question ID : 96234010126

Option 1 ID : 96234040502

Option 2 ID : 96234040504

Option 3 ID : 96234040503

Option 4 ID : 96234040501

Status : Answered

Chosen Option : 3

Q.6  
9 Parallel blocks are used for \_\_\_\_\_.

Ans  1. setting work piece horizontal

2. cutting parallel keyways

3. marking parallel lines along an edge

4. levelling machine tools

Question ID : 96234010089

Option 1 ID : 96234040356

Option 2 ID : 96234040355

Option 3 ID : 96234040353

Option 4 ID : 96234040354

Status : Not Answered

Chosen Option : --

Q.7  
0 A block level can be used for checking \_\_\_\_\_.

Ans  1. only vertical alignment

2. only horizontal alignment

3. only angular alignment

4. vertical & horizontal alignment

Question ID : 96234010100

Option 1 ID : 96234040398

Option 2 ID : 96234040399

Option 3 ID : 96234040400

Option 4 ID : 96234040397

Status : Not Answered

Chosen Option : --

Q.7  
1 Which fire extinguisher is used for controlling class 'B' fire?

- Ans
- 1. CO<sub>2</sub>
  - 2. Wood chips
  - 3. Carbon tetrachloride
  - 4. Water

Question ID : 96234010115  
Option 1 ID : 96234040459  
Option 2 ID : 96234040460  
Option 3 ID : 96234040458  
Option 4 ID : 96234040457  
Status : Answered  
Chosen Option : 3

Q.7  
2 The process in which soft metal particles get clogged in the pores of grinding wheel is called \_\_\_\_\_.

- Ans
- 1. glazing
  - 2. loading
  - 3. dressing
  - 4. trueing

Question ID : 96234010087  
Option 1 ID : 96234040345  
Option 2 ID : 96234040347  
Option 3 ID : 96234040346  
Option 4 ID : 96234040348  
Status : Answered  
Chosen Option : 2

Q.7  
3 A hole which is drilled to a specified depth and NOT through full depth of the work piece is termed as \_\_\_\_\_ hole.

- Ans
- 1. pin
  - 2. blind
  - 3. through
  - 4. core

Question ID : 96234010093  
Option 1 ID : 96234040371  
Option 2 ID : 96234040370  
Option 3 ID : 96234040372  
Option 4 ID : 96234040369  
Status : Answered  
Chosen Option : 2

Q.7  
4 The grade of slip gauges for general workshop application.

- Ans
- 1. Grade 'ii'
  - 2. Grade '0'
  - 3. Grade '0 0'
  - 4. Grade 'i'

Question ID : 96234010134  
Option 1 ID : 96234040536  
Option 2 ID : 96234040534

Option 3 ID : 96234040533  
Option 4 ID : 96234040535  
Status : Not Answered  
Chosen Option : --

Q.7  
5 Which of the following chisel is used to cut keyways?

- Ans
- 1. Flat chisel
  - 2. Cross-cut chisel
  - 3. Diamond pointed chisel
  - 4. Centre punch

Question ID : 96234010076  
Option 1 ID : 96234040304  
Option 2 ID : 96234040303  
Option 3 ID : 96234040301  
Option 4 ID : 96234040302  
Status : Answered  
Chosen Option : 2

