



# RAILWAY RECRUITMENT BOARDS

## रेलवे भर्ती बोर्ड

Roll No:	
Participants Name:	
Test Center Name:	
Test Date:	23/01/2019
Test Time:	12:30 PM - 3:00 PM
Subject:	<b>Part A and Exam Trade : Machinist</b>

- 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** In an artificial language, 'terake' means 'motherland', 'lorake' means 'mother tongue' and 'loroli' means 'long tongue'. Which word would mean 'long jump' in that language?

- Ans
- 1. hudter
  - 2. nemoli
  - 3. dibnol
  - 4. akezit

Question ID : 7079663756  
Option 1 ID : 70796615023  
Option 2 ID : 70796615021  
Option 3 ID : 70796615022  
Option 4 ID : 70796615024  
Status : **Not Answered**  
Chosen Option : --

**Q.2** In an engineering drawing, which letters written on the dimension indicates that it is extra information and NOT really required?

- Ans
- 1. PER
  - 2. REF
  - 3. EXT
  - 4. NR

Question ID : 7079663698  
Option 1 ID : 70796614792  
Option 2 ID : 70796614790  
Option 3 ID : 70796614789  
Option 4 ID : 70796614791  
Status : **Answered**  
Chosen Option : 4

Q.3 Henry Cavendish discovered \_\_\_\_\_ in 1766.

- Ans
- 1. oxygen
  - 2. hydrogen
  - 3. helium
  - 4. chlorine

Question ID : 7079663680  
Option 1 ID : 70796614720  
Option 2 ID : 70796614718  
Option 3 ID : 70796614719  
Option 4 ID : 70796614717  
Status : Answered  
Chosen Option : 2

Q.4 Find the density (in  $\text{kg/m}^3$ ) of a piece of wood of dimensions  $6 \text{ cm} \times 8 \text{ cm} \times 5 \text{ cm}$ , and weight 1.92 N. (Use  $g=10\text{m/s}^2$ )

- Ans
- 1. 300
  - 2. 8,000
  - 3. 3,000
  - 4. 800

Question ID : 7079663704  
Option 1 ID : 70796614815  
Option 2 ID : 70796614813  
Option 3 ID : 70796614814  
Option 4 ID : 70796614816  
Status : Answered  
Chosen Option : 4

Q.5 A \_\_\_\_\_ projection is an oblique projection in which the depth of the object is shown in full size.

- Ans
- 1. perspective
  - 2. orthographic
  - 3. fisheye
  - 4. cavalier

Question ID : 7079663700  
Option 1 ID : 70796614797  
Option 2 ID : 70796614798  
Option 3 ID : 70796614800  
Option 4 ID : 70796614799  
Status : Not Answered  
Chosen Option : --

Q.6 In a certain code, EXACT is written as 91685 and MILK is written as 7243. Using the same code, MELT will be written as \_\_\_\_\_.

- Ans
- 1. 9285
  - 2. 5384
  - 3. 8794
  - 4. 7945

Question ID : 7079663755  
Option 1 ID : 70796615019  
Option 2 ID : 70796615017  
Option 3 ID : 70796615018  
Option 4 ID : 70796615020  
Status : Answered  
Chosen Option : 4

Q.7 A truck travels 450 km in two and a half hours. Find its speed in m/s.

- Ans  1. 50  
 2. 90  
 3. 75  
 4. 60

Question ID : 7079663719  
Option 1 ID : 70796614876  
Option 2 ID : 70796614875  
Option 3 ID : 70796614874  
Option 4 ID : 70796614873  
Status : Answered  
Chosen Option : 1

Q.8 In a certain gear train, the driver has 24 teeth while the follower has 8 teeth. For every \_\_\_\_\_ turns of the driver, the follower turns 36 times.

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

Question ID : 7079663693  
Option 1 ID : 70796614769  
Option 2 ID : 70796614771  
Option 3 ID : 70796614770  
Option 4 ID : 70796614772  
Status : Answered  
Chosen Option : 1

Q.9 Two numbers are 10% and 20% less than a third number. By what percentage should the second number be increased to make it equal to the first number?

- Ans  1. 8%  
 2. 12.5%  
 3. 7.5%  
 4. 10%

Question ID : 7079663733  
Option 1 ID : 70796614930  
Option 2 ID : 70796614931  
Option 3 ID : 70796614932  
Option 4 ID : 70796614929  
Status : Answered  
Chosen Option : 2

Q.1  
0 Henry per meter is the unit of \_\_\_\_\_.

- Ans
- 1. permittivity
  - 2. permeability
  - 3. electric conductance
  - 4. watt per steradian

Question ID : 7079663702  
Option 1 ID : 70796614805  
Option 2 ID : 70796614808  
Option 3 ID : 70796614806  
Option 4 ID : 70796614807  
Status : Answered  
Chosen Option : 2

Q.1  
1 If 90 J of work is done in moving a charge of 2,000 coulombs across V volts, find V.

- Ans
- 1. 2,250
  - 2. 0.045
  - 3. 180
  - 4. 0.2

Question ID : 7079663711  
Option 1 ID : 70796614843  
Option 2 ID : 70796614841  
Option 3 ID : 70796614842  
Option 4 ID : 70796614844  
Status : Answered  
Chosen Option : 2

Q.1  
2 If  $14 \# 2 = 80$ ,  $10 \# 4 = 70$  and  $20 \# 6 = 130$ , then find the value of  $8 \# 12$ .

- Ans
- 1. 4
  - 2. 100
  - 3. 10
  - 4. 2

Question ID : 7079663758  
Option 1 ID : 70796615029  
Option 2 ID : 70796615032  
Option 3 ID : 70796615031  
Option 4 ID : 70796615030  
Status : Not Answered  
Chosen Option : --

Q.1  
3 L is thrice as good a workman as M, and together, they finish a task in 12 days. In how many days will L alone finish the same task?

- Ans
- 1. 32
  - 2. 16
  - 3. 40

✗ 4. 48

Question ID : 7079663736  
Option 1 ID : 70796614942  
Option 2 ID : 70796614943  
Option 3 ID : 70796614944  
Option 4 ID : 70796614941  
Status : Answered  
Chosen Option : 4

Q.1 Pipe A can fill a tank in 12 hours. Pipe B can empty it in X hours. If both the pipes are opened together, then the tank  
4 will be filled in 30 hours. Find X.

- Ans
- ✗ 1. 25
  - ✓ 2. 20
  - ✗ 3. 24
  - ✗ 4. 15

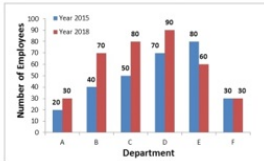
Question ID : 7079663750  
Option 1 ID : 70796614998  
Option 2 ID : 70796615000  
Option 3 ID : 70796614999  
Option 4 ID : 70796614997  
Status : Answered  
Chosen Option : 2

Q.1 Find the mechanical advantage of a pulley system if it has an efficiency of 60%. The load lifts by 3 m when the rope is  
5 pulled by 12 m.


- Ans
- ✗ 1. 3.6
  - ✗ 2. 1.2
  - ✗ 3. 4.8
  - ✓ 4. 2.4

Question ID : 7079663713  
Option 1 ID : 70796614849  
Option 2 ID : 70796614850  
Option 3 ID : 70796614851  
Option 4 ID : 70796614852  
Status : Answered  
Chosen Option : 4

Q.1 ఒక సంస్థలో ఆరు విభాగాలు ఉన్నాయి. 2015 మరియు 2018 సంవత్సరాల్లో ప్రతి విభాగంలోని ఉద్యోగుల సంఖ్యను ఈ బార్ గ్రాఫ్  
6 చూపిస్తుంది. కంపెనీ 80 మంది కొత్త ఉద్యోగులను చేర్చుకుంది మరియు 2015 మరియు 2018 సంవత్సరాల మధ్య కొంతమంది  
ఉద్యోగులను తొలగించింది. తొలగించిన ఉద్యోగులందరూ C శాఖకు చెందిన వారు. C శాఖ యొక్క ఉద్యోగులను  
తొలగించకపోయివుంటే, అప్పుడు 2018 లో C శాఖ యొక్క ఉద్యోగుల సంఖ్య\_\_\_\_\_ కన్నా ఎక్కువ ఉండేది.



- Ans
- ✗ 1. 17.5%
  - ✓ 2. 12.5%
  - ✗ 3. 20%

 4. 10%

Question ID : 7079663770  
Option 1 ID : 70796615079  
Option 2 ID : 70796615078  
Option 3 ID : 70796615080  
Option 4 ID : 70796615077  
Status : Not Answered  
Chosen Option : --


Q.1 In this question, two statements are given, followed by three conclusions labelled I, II and III. You have to consider the  
7 statements to be true even if they seem to be at variance with commonly known facts, and decide which of the given conclusions, if any, follow(s) from the given statements.


**Statements:**


All mansions are palaces.  
No castles are palaces.


**Conclusions:**

I: Some palaces are mansions.  
II: Some castles are mansions.  
III: No mansions are castles.

Ans  1. Only conclusion I and III follow.


 2. Only conclusion I follows.


 3. All the conclusions, I, II and III, follow.


 4. Only conclusion III follows.


Question ID : 7079663764  
Option 1 ID : 70796615055  
Option 2 ID : 70796615053  
Option 3 ID : 70796615056  
Option 4 ID : 70796615054  
Status : Answered  
Chosen Option : 1

Q.1 Find the heat capacity of a steel vessel of mass 2.5 kg if its temperature rises by 10 degrees. Specific heat capacity of  
8 steel is  $500 \text{ Jkg}^{-1}\text{K}^{-1}$ .

Ans  1.  $1,250 \text{ JK}^{-1}$

 2.  $200 \text{ Jkg}^{-1}\text{K}^{-1}$

 3.  $20 \text{ Jkg}^{-1}\text{K}^{-1}$

 4.  $125 \text{ JK}^{-1}$

Question ID : 7079663707  
Option 1 ID : 70796614825  
Option 2 ID : 70796614826  
Option 3 ID : 70796614828  
Option 4 ID : 70796614827  
Status : Answered  
Chosen Option : 1

Q.1 Choose the figure that is different from the rest.  
9

Ans

 1.

Q	M	R
X	H	O
K	W	P

 2.

P	O	R
M	W	K
H	X	Q

 3.

H	X	P
O	R	K
W	Q	M

 4.

K	W	Q
R	O	P
I	M	X

Question ID : 7079663765

Option 1 ID : 70796615057

Option 2 ID : 70796615060

Option 3 ID : 70796615059

Option 4 ID : 70796615058


Status : Not Answered

Chosen Option : --

Q.2 Two litres of superheated water at 190°C is mixed with six litres of cold water at 20°C. Find the final equilibrium temperature (in °C) if no heat is lost.

Ans  1. 95

 2. 47.5

 3. 62.5

 4. 55

Question ID : 7079663716

Option 1 ID : 70796614864

Option 2 ID : 70796614862  
Option 3 ID : 70796614861  
Option 4 ID : 70796614863  
Status : Not Answered  
Chosen Option : --

Q.2 \_\_\_\_\_ are a subset of air pollution that refers to the tiny particles suspended everywhere in our atmosphere.

1

- Ans
- 1. Loam
  - 2. Genomes
  - 3. Aerosols
  - 4. Humus

Question ID : 7079663724  
Option 1 ID : 70796614896  
Option 2 ID : 70796614894  
Option 3 ID : 70796614893  
Option 4 ID : 70796614895  
Status : Not Answered  
Chosen Option : --

Q.2 If '+' represents '×', '+' represents '+', '-' represents '+' and 'x' represents '-', then find the value of the following expression.

2

$$8 + 4 \div 15 - 3 \times 1$$

- Ans
- 1. 10
  - 2. 14
  - 3. 17
  - 4. 36

Question ID : 7079663757  
Option 1 ID : 70796615025  
Option 2 ID : 70796615026  
Option 3 ID : 70796615027  
Option 4 ID : 70796615028  
Status : Answered  
Chosen Option : 4

Q.2 Name the celebrity who has authored 'Mrs. Funnybones'?

3

- Ans
- 1. Shraddha Kapoor
  - 2. Bipasha Basu
  - 3. Twinkle Khanna
  - 4. Sonakshi Sinha

Question ID : 7079663681  
Option 1 ID : 70796614723  
Option 2 ID : 70796614721  
Option 3 ID : 70796614722  
Option 4 ID : 70796614724  
Status : Not Answered  
Chosen Option : --

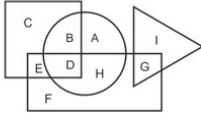


Q.2 Find the mass (in kg) of kerosene filled up to the brim in a tank of dimensions  $5\text{ m} \times 2\text{ m} \times 1\text{ m}$ . (Density of kerosene is  $800\text{ kg/m}^3$ )

- Ans
- 1. 12,500
  - 2. 800
  - 3. 1,250
  - 4. 8,000

Question ID : 7079663691  
Option 1 ID : 70796614764  
Option 2 ID : 70796614761  
Option 3 ID : 70796614762  
Option 4 ID : 70796614763  
Status : Answered  
Chosen Option : 4

Q.2 In the following figure, the triangle represents bakers, the square represents teachers, the circle represents Americans and the rectangle represents mothers. Which letter or set of letters represents the mothers who are neither Americans nor bakers?



- Ans
- 1. C
  - 2. I
  - 3. A
  - 4. EF

Question ID : 7079663761  
Option 1 ID : 70796615041  
Option 2 ID : 70796615042  
Option 3 ID : 70796615043  
Option 4 ID : 70796615044  
Status : Answered  
Chosen Option : 4

Q.2 Which of the following folk dances is from Himachal Pradesh?

- Ans
- 1. Nati
  - 2. Lezim
  - 3. Giddha
  - 4. Bagurumba

Question ID : 7079663685  
Option 1 ID : 70796614739  
Option 2 ID : 70796614740  
Option 3 ID : 70796614738  
Option 4 ID : 70796614737  
Status : Not Answered  
Chosen Option : --

Q.2 The weights of three boxes are 3 kg, 8 kg and 12 kg. Which of the following CANNOT be the total weight, in kg, of any combination of these boxes?

- Ans
- 1. 20
  - 2. 15
  - 3. 21
  - 4. 23

Question ID : 7079663774  
Option 1 ID : 70796615094  
Option 2 ID : 70796615093  
Option 3 ID : 70796615095  
Option 4 ID : 70796615096  
Status : Answered  
Chosen Option : 3

Q.2  
8 If the median of the numbers 9, 15, 1, 15, 14, 9, 4 and X is 11, find X.

- Ans
- 1. 13
  - 2. 12
  - 3. 10
  - 4. 11

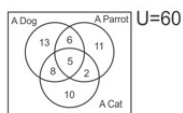
Question ID : 7079663746  
Option 1 ID : 70796614984  
Option 2 ID : 70796614981  
Option 3 ID : 70796614983  
Option 4 ID : 70796614982  
Status : Answered  
Chosen Option : 1

Q.2  
9 Who was the captain of the IPL team Chennai Super Kings, in 2018?

- Ans
- 1. Gautam Gambhir
  - 2. Rohit Sharma
  - 3. Virat Kohli
  - 4. Mahendra Singh Dhoni

Question ID : 7079663682  
Option 1 ID : 70796614727  
Option 2 ID : 70796614728  
Option 3 ID : 70796614725  
Option 4 ID : 70796614726  
Status : Answered  
Chosen Option : 2

Q.3  
0 The given Venn diagram shows the pet(s) that each house in a society has. How many houses have only two pets?







- Ans
- 1. 15
  - 2. 5
  - 3. 16

 4. 21

Question ID : 7079663762  
Option 1 ID : 70796615048  
Option 2 ID : 70796615045  
Option 3 ID : 70796615046  
Option 4 ID : 70796615047  
Status : Answered  
Chosen Option : 3

Q.3 A \_\_\_\_\_ diagram is a schematic drawing that shows the relationships in a system, using simple shapes for the entities.  
1

- Ans  1. scatter  
 2. circuit  
 3. Venn  
 4. block

Question ID : 7079663699  
Option 1 ID : 70796614793  
Option 2 ID : 70796614796  
Option 3 ID : 70796614794  
Option 4 ID : 70796614795  
Status : Answered  
Chosen Option : 3

Q.3 Two cabs A and B start from town C for town D. If the distance between the two towns is 540 km and the slower taxi  
2 travelling at an average speed of 90 km/hr takes an hour more than the faster taxi, then find the speed (in km/hr) of the faster taxi.

- Ans  1. 117  
 2. 126  
 3. 99  
 4. 108

Question ID : 7079663706  
Option 1 ID : 70796614822  
Option 2 ID : 70796614824  
Option 3 ID : 70796614821  
Option 4 ID : 70796614823  
Status : Answered  
Chosen Option : 4



Q.3 In this question, two statements are given, followed by two conclusions labelled I and II. You have to consider the  
3 statements to be true even if they seem to be at variance with commonly known facts, and decide which of the given conclusions, if any, follow(s) from the given statements.

**Statements:**

No beakers are vases.  
All vases are jugs.

**Conclusions:**

I: Some jugs are beakers.  
II: Some jugs are vases.

- Ans  1. Both conclusions I and II follow.  
 2. Only conclusion II follows.

3. Only conclusion I follows.
4. Neither conclusion I nor II follows.

Question ID : 7079663763  
Option 1 ID : 70796615051  
Option 2 ID : 70796615050  
Option 3 ID : 70796615049  
Option 4 ID : 70796615052  
Status : Answered  
Chosen Option : 2

Q.3 A vendor buys a certain number of bananas at 8 pieces for `5 and sells them at 5 pieces for `8. What will be his  
4 percentage profit?

- Ans  1. 40%
2. 48%
3. 144%
4. 156%

Question ID : 7079663741  
Option 1 ID : 70796614961  
Option 2 ID : 70796614964  
Option 3 ID : 70796614963  
Option 4 ID : 70796614962  
Status : Answered  
Chosen Option : 4

Q.3 Classical musician Vilayat Khan is associated with which musical instrument?  
5

- Ans  1. Flute
2. Sitar
3. Santoor
4. Sarod

Question ID : 7079663684  
Option 1 ID : 70796614736  
Option 2 ID : 70796614735  
Option 3 ID : 70796614734  
Option 4 ID : 70796614733  
Status : Not Answered  
Chosen Option : --

Q.3 What is the angle between the hour hand and the minute hand of a clock at quarter past three?  
6

- Ans  1.  $8.5^\circ$
2.  $6.5^\circ$
3.  $9.5^\circ$
4.  $7.5^\circ$

Question ID : 7079663749  
Option 1 ID : 70796614994  
Option 2 ID : 70796614993  
Option 3 ID : 70796614996

Option 4 ID : 70796614995  
Status : Answered  
Chosen Option : 4

Q.3 Paracetamol is found in first-aid boxes. When/why should these drugs be taken?

7

- Ans
- 1. To ease mild pain and reduce high temperature (fever).
  - 2. To ease the symptoms of hay fever and other allergies.
  - 3. To bring relief from asthma.
  - 4. To ease indigestion and heartburn.

Question ID : 7079663717  
Option 1 ID : 70796614868  
Option 2 ID : 70796614865  
Option 3 ID : 70796614866  
Option 4 ID : 70796614867  
Status : Answered  
Chosen Option : 1

Q.3 The notation  $2 \times \text{O}6$  means \_\_\_\_\_.

8

- Ans
- 1. 2 circles of radius 6 units
  - 2. Scale the circle of diameter 6 units by a factor of 2
  - 3. 2 circles of diameter 6 units
  - 4. Scale the circle of radius 6 units by a factor of 2

Question ID : 7079663690  
Option 1 ID : 70796614757  
Option 2 ID : 70796614759  
Option 3 ID : 70796614758  
Option 4 ID : 70796614760  
Status : Answered  
Chosen Option : 3

Q.3 By cycling  $\frac{7}{9}$  times his usual speed, Anwar reaches his school 4 minutes late. How many minutes does Anwar take to reach school at his usual cycling speed?

9

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

Question ID : 7079663715  
Option 1 ID : 70796614857  
Option 2 ID : 70796614858  
Option 3 ID : 70796614860  
Option 4 ID : 70796614859  
Status : Not Answered  
Chosen Option : --

Q.4 Find the resistance of the wire (in  $k\Omega$ ) through which a 5 mA current flows when 500 V of potential difference is applied across it.

0

- Ans
- 1. 2,500
  - 2. 1,00,000
  - 3. 100
  - 4. 2.5

Question ID : 7079663712  
Option 1 ID : 70796614848  
Option 2 ID : 70796614845  
Option 3 ID : 70796614846  
Option 4 ID : 70796614847  
Status : Answered  
Chosen Option : 2

Q.4  
1 Choose the letter cluster that is different from the rest.

- Ans
- 1. MOQ
  - 2. KLM
  - 3. EFG
  - 4. RST

Question ID : 7079663766  
Option 1 ID : 70796615064  
Option 2 ID : 70796615061  
Option 3 ID : 70796615062  
Option 4 ID : 70796615063  
Status : Answered  
Chosen Option : 1

Q.4  
2 Find the slope of the line joining the points (3,-4) and (5,2).

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

Question ID : 7079663744  
Option 1 ID : 70796614973  
Option 2 ID : 70796614976  
Option 3 ID : 70796614975  
Option 4 ID : 70796614974  
Status : Answered  
Chosen Option : 3

Q.4  
3 Which of the following nations is NOT a permanent member of the United Nations Security Council?

- Ans
- 1. Germany
  - 2. France
  - 3. China
  - 4. United Kingdom

Question ID : 7079663677  
Option 1 ID : 70796614705  
Option 2 ID : 70796614706  
Option 3 ID : 70796614708  
Option 4 ID : 70796614707  
Status : Answered  
Chosen Option : 1

Q.4  
4 A/An \_\_\_\_\_ is an interface on a computer to which you can connect a device.

- Ans
- 1. array
  - 2. anime
  - 3. dongle
  - 4. port

Question ID : 7079663725  
Option 1 ID : 70796614898  
Option 2 ID : 70796614897  
Option 3 ID : 70796614900  
Option 4 ID : 70796614899  
Status : Answered  
Chosen Option : 4

Q.4  
5 Choose the word that is different from the rest.

- Ans
- 1. Pool
  - 2. Lake
  - 3. Pond
  - 4. Stream

Question ID : 7079663767  
Option 1 ID : 70796615067  
Option 2 ID : 70796615066  
Option 3 ID : 70796615065  
Option 4 ID : 70796615068  
Status : Answered  
Chosen Option : 4

Q.4  
6 Find the third proportional to 24 and 60.

- Ans
- 1. 150
  - 2. 164
  - 3. 144
  - 4. 120

Question ID : 7079663732  
Option 1 ID : 70796614926  
Option 2 ID : 70796614928  
Option 3 ID : 70796614925  
Option 4 ID : 70796614927  
Status : Answered  
Chosen Option : 1

Q.4 The Directive Principles of State Policy in India's Constitution are borrowed from the constitution of \_\_\_\_\_.

7

- Ans  1. Ireland  
 2. Canada  
 3. Britain  
 4. Germany

Question ID : 7079663676  
Option 1 ID : 70796614704  
Option 2 ID : 70796614702  
Option 3 ID : 70796614701  
Option 4 ID : 70796614703  
Status : Not Answered  
Chosen Option : --

Q.4 Pie chart 1 shows the share of the four partners (A, B, C and D) in Company XYZ in the year 2017. In 2018, a fifth partner, E, was added by issuing 5000 shares to E (pie chart 2). The company has issued \_\_\_\_\_ shares more in 2018 than those in 2017.

8

- Ans  1. 20%  
 2. 33.33%  
 3. 25%  
 4. 16.67%

Question ID : 7079663771  
Option 1 ID : 70796615082  
Option 2 ID : 70796615084  
Option 3 ID : 70796615081  
Option 4 ID : 70796615083  
Status : Not Answered  
Chosen Option : --

Q.4 Which of the following is an example of a second class lever?

9

- Ans  1. Pliers  
 2. Ice tongs  
 3. Wheel barrow  
 4. See-saw

Question ID : 7079663721  
Option 1 ID : 70796614881  
Option 2 ID : 70796614883  
Option 3 ID : 70796614884  
Option 4 ID : 70796614882  
Status : Answered  
Chosen Option : 3

Q.5  
0



One statement is given followed by two assumptions labelled I and II. You have to consider the statement to be true, even if it seems to be at variance with commonly known facts, and decide which of the given assumptions is/are implicit in the given statement.

**Statement:**

'Height should be between 5 feet 6 inches and 6 feet.' – One of the conditions for recruiting fighter pilots.

**Assumptions:**

I. Fighter pilots should be presentable as they are role models for the young.

II. Only certain body types can fit in a fighter plane cockpit.

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

Question ID : 7079663769  
Option 1 ID : 70796615076  
Option 2 ID : 70796615073  
Option 3 ID : 70796615074  
Option 4 ID : 70796615075  
Status : Answered  
Chosen Option : 3

Q.5  
1 \_\_\_\_\_ ° Celsius = 167 Fahrenheit

- Ans  1. 103
2. 75
3. 348
4. 198

Question ID : 7079663720  
Option 1 ID : 70796614878  
Option 2 ID : 70796614877  
Option 3 ID : 70796614879  
Option 4 ID : 70796614880  
Status : Answered  
Chosen Option : 2

Q.5  
2 If a vendor sells a coconut at ₹32, he incurs a 20% loss. What is the cost price of the coconut?

- Ans  1. ₹48
2. ₹40
3. ₹36
4. ₹44

Question ID : 7079663740  
Option 1 ID : 70796614960  
Option 2 ID : 70796614958  
Option 3 ID : 70796614957  
Option 4 ID : 70796614959  
Status : Answered  
Chosen Option : 2

Q.5 <sub>3</sub> Binary number 101110110 is equal to decimal number \_\_\_\_\_.

- Ans
- 1. 326
  - 2. 412
  - 3. 468
  - 4. 374

Question ID : 7079663726  
Option 1 ID : 70796614901  
Option 2 ID : 70796614902  
Option 3 ID : 70796614904  
Option 4 ID : 70796614903  
Status : Answered  
Chosen Option : 4

Q.5 Which of the following gives the correct relation between power 'P', resistance 'R' and charge 'Q' flowing through a wire in 't' seconds?

- Ans
- 1.  $PR = QIt$
  - 2.  $PI = QRt$
  - 3.  $Pt = IRQ$
  - 4.  $PQ = IRt$

Question ID : 7079663689  
Option 1 ID : 70796614756  
Option 2 ID : 70796614755  
Option 3 ID : 70796614754  
Option 4 ID : 70796614753  
Status : Answered  
Chosen Option : 3

Q.5 <sub>5</sub> Two resistors of  $R \Omega$  and  $15 \Omega$  are connected in parallel to get an effective resistance of  $12 \Omega$ . Find R.

- Ans
- 1. 45
  - 2. 75
  - 3. 30
  - 4. 60

Question ID : 7079663710  
Option 1 ID : 70796614838  
Option 2 ID : 70796614840  
Option 3 ID : 70796614837  
Option 4 ID : 70796614839  
Status : Answered  
Chosen Option : 4

Q.5 <sub>6</sub> From a 50-m-long steel bar, a workman has to cut off as many 5.25-m-long pieces as possible. What decimal fraction of the whole will be left?

- Ans
- 1. 0.035
  - 2. 0.025
  - 3. 0.045

✓ 4. 0.055

Question ID : 7079663729  
Option 1 ID : 70796614916  
Option 2 ID : 70796614914  
Option 3 ID : 70796614915  
Option 4 ID : 70796614913  
Status : Not Answered  
Chosen Option : --

Q.5  
7 Solve the following.

$$\sqrt{0.2025} + \sqrt{0.12225} = \underline{\hspace{2cm}}$$

- Ans
- ✗ 1. 0.9
  - ✓ 2. 0.8
  - ✗ 3. 0.6
  - ✗ 4. 1.2

Question ID : 7079663747  
Option 1 ID : 70796614988  
Option 2 ID : 70796614985  
Option 3 ID : 70796614987  
Option 4 ID : 70796614986  
Status : Not Answered  
Chosen Option : --

Q.5  
8 Find the missing number in the given series.

-2.7, -2.1, -1.5, -0.9, -0.3, ?

- Ans
- ✗ 1. 0.4
  - ✗ 2. 0.5
  - ✗ 3. 0.2
  - ✓ 4. 0.3

Question ID : 7079663754  
Option 1 ID : 70796615013  
Option 2 ID : 70796615014  
Option 3 ID : 70796615015  
Option 4 ID : 70796615016  
Status : Answered  
Chosen Option : 4

Q.5  
9 Breathing in about 900 parts of \_\_\_\_\_ in a million parts of air for a short time causes fatigue, dizziness, and headache.

- Ans
- ✗ 1. arsenic
  - ✗ 2. pesticides
  - ✗ 3. asbestos particles
  - ✓ 4. chloroform

Question ID : 7079663694

Option 1 ID : 70796614775  
Option 2 ID : 70796614776  
Option 3 ID : 70796614773  
Option 4 ID : 70796614774  
Status : Not Answered  
Chosen Option : --

**Q.6** Part of a sentence has been divided into three segments, which are jumbled up and given along with the unjumbled part.  
**0** Rearrange the parts of the sentence in correct order.

I'd just remembered that our  
X: every once in a while, so our changing  
Y: rooms were movable, on wheels  
Z: owner liked to change the decor of the boutique

**Ans**  1. ZXY  
 2. YXZ  
 3. ZYX  
 4. XZY

Question ID : 7079663772  
Option 1 ID : 70796615088  
Option 2 ID : 70796615087  
Option 3 ID : 70796615085  
Option 4 ID : 70796615086  
Status : Answered  
Chosen Option : 2

**Q.6** A train running at a speed of 64 km/h takes 50 min to travel a certain distance. By how much should it increase its speed  
**1** (in km/h) to travel the same distance in 40 min?

**Ans**  1. 16  
 2. 25  
 3. 80  
 4. 10

Question ID : 7079663738  
Option 1 ID : 70796614949  
Option 2 ID : 70796614952  
Option 3 ID : 70796614950  
Option 4 ID : 70796614951  
Status : Not Answered  
Chosen Option : --

**Q.6** A block of metal of mass 500 g has a relative density of 2.5. What will be its apparent mass when it is fully immersed in  
**2** water?

**Ans**  1. 300 g  
 2. 400 g  
 3. 250 g  
 4. 200 g

Question ID : 7079663714  
Option 1 ID : 70796614853  
Option 2 ID : 70796614856  
Option 3 ID : 70796614855

Option 4 ID : 70796614854  
Status : Not Answered  
Chosen Option : --

Q.6  
3 Acceleration due to gravity is highest at \_\_\_\_\_.

- Ans
- 1. at an infinite distance from the earth
  - 2. the poles
  - 3. the equator
  - 4. the center of the earth

Question ID : 7079663703  
Option 1 ID : 70796614812  
Option 2 ID : 70796614810  
Option 3 ID : 70796614809  
Option 4 ID : 70796614811  
Status : Answered  
Chosen Option : 2

Q.6  
4 Which of the following classes of chemicals can damage the ozone layer?

- Ans
- 1. Phenols
  - 2. Aromatic compounds
  - 3. Chlorofluorocarbons
  - 4. Antimicrobials

Question ID : 7079663723  
Option 1 ID : 70796614891  
Option 2 ID : 70796614889  
Option 3 ID : 70796614892  
Option 4 ID : 70796614890  
Status : Answered  
Chosen Option : 3

Q.6  
5 Find the least common multiple of 56 and 50.

- Ans
- 1. 700
  - 2. 1400
  - 3. 800
  - 4. 1500

Question ID : 7079663731  
Option 1 ID : 70796614921  
Option 2 ID : 70796614923  
Option 3 ID : 70796614922  
Option 4 ID : 70796614924  
Status : Answered  
Chosen Option : 2

Q.6  
6

A statement is given, followed by two conclusions. Decide which of the given conclusions logically follow(s) from the given statement.

**Statement:**

Emotional Quotient is a good predictor of success in career.

**Conclusions:**

I: The top 10 employees in a division will have the top 10 Emotional Quotients.

II: Finding the Emotional Quotient of a candidate will give the hiring company extra useful information.

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

Question ID : 7079663775  
Option 1 ID : 70796615099  
Option 2 ID : 70796615100  
Option 3 ID : 70796615097  
Option 4 ID : 70796615098  
Status : Answered  
Chosen Option : 4

Q.6  
7 The hotel Taj Lake Palace, built in the middle of Lake Pichola, is in which city?

- Ans
- 1. Jaipur
  - 2. Udaipur
  - 3. Jodhpur
  - 4. Bikaner

Question ID : 7079663683  
Option 1 ID : 70796614731  
Option 2 ID : 70796614729  
Option 3 ID : 70796614730  
Option 4 ID : 70796614732  
Status : Not Answered  
Chosen Option : --

Q.6  
8 C said to D, "You are my sister's husband's mother-in-law." How is D related to C?

- Ans
- 1. D is the daughter of C.
  - 2. D is the sister of C.
  - 3. D is the mother of C.
  - 4. D is the mother-in-law of C.

Question ID : 7079663760  
Option 1 ID : 70796615039  
Option 2 ID : 70796615038  
Option 3 ID : 70796615037  
Option 4 ID : 70796615040  
Status : Answered  
Chosen Option : 3

Q.6 Moore's Law is a rule of thumb stated by Intel co-founder Gordon Moore that the number of transistors on a chip  
9 doubles every \_\_\_\_\_ months.

- Ans  1. 18  
 2. 24  
 3. 12  
 4. 30

Question ID : 7079663695  
Option 1 ID : 70796614777  
Option 2 ID : 70796614779  
Option 3 ID : 70796614778  
Option 4 ID : 70796614780  
Status : Not Answered  
Chosen Option : --

Q.7 Which Dadasaheb Phalke Award recipient produced and directed India's first colour film, 'Sairandhri'?  
0

- Ans  1. LV Prasad  
 2. Sivaji Ganesan  
 3. V Shanta ram  
 4. Birendranath Sirdar

Question ID : 7079663679  
Option 1 ID : 70796614714  
Option 2 ID : 70796614716  
Option 3 ID : 70796614713  
Option 4 ID : 70796614715  
Status : Not Answered  
Chosen Option : --

Q.7 Acceleration due to gravity on Jupiter is two and a half times that on earth. How much would a 250 kg satellite weigh  
1 (in N) on Jupiter? (acceleration due to gravity on earth =  $10\text{m/s}^2$ )

- Ans  1. 100  
 2. 6,250  
 3. 10  
 4. 625

Question ID : 7079663696  
Option 1 ID : 70796614781  
Option 2 ID : 70796614783  
Option 3 ID : 70796614784  
Option 4 ID : 70796614782  
Status : Answered  
Chosen Option : 2

Q.7 A alone can paint a wall in 50 days and B alone can do it in 10 days. If A, B and C together can paint the wall in 6.25  
2 days, then in how many days can C alone paint the wall?

- Ans  1. 25  
 2. 40  
 3. 15

 4. 20

Question ID : 7079663737  
Option 1 ID : 70796614948  
Option 2 ID : 70796614947  
Option 3 ID : 70796614946  
Option 4 ID : 70796614945  
Status : Answered  
Chosen Option : 1

Q.7  
3 Find the efficiency of a pump (rated 400 W) that can lift 500 kg of water by 30 m in 10 minutes. (Use  $g = 10\text{m/s}^2$ )

- Ans  1. 92.00%  
 2. 62.50%  
 3. 77.50%  
 4. 84.00%

Question ID : 7079663686  
Option 1 ID : 70796614744  
Option 2 ID : 70796614743  
Option 3 ID : 70796614742  
Option 4 ID : 70796614741  
Status : Answered  
Chosen Option : 2

Q.7  
4 If  $5x/3 - 7/2 (2x/5 - 1/3) = 1/3$ , then the value of x is \_\_\_\_\_.

- Ans  1. 5/14  
 2. -25/8  
 3. 25/8  
 4. -5/14

Question ID : 7079663742  
Option 1 ID : 70796614967  
Option 2 ID : 70796614965  
Option 3 ID : 70796614966  
Option 4 ID : 70796614968  
Status : Answered  
Chosen Option : 2

Q.7  
5 If 1,200 J of work is done in pushing a trolley by 20 m, what was the force (in N) employed?

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

Question ID : 7079663692  
Option 1 ID : 70796614768  
Option 2 ID : 70796614765  
Option 3 ID : 70796614766  
Option 4 ID : 70796614767  
Status : Answered



Chosen Option : 3

Q.7  
6 The area of A0 size paper is \_\_\_\_\_.

- Ans
- 1. 100 cm<sup>2</sup>
  - 2. 1,000 cm<sup>2</sup>
  - 3. 10,000 cm<sup>2</sup>
  - 4. 1 cm<sup>2</sup>

Question ID : 7079663687  
Option 1 ID : 70796614746  
Option 2 ID : 70796614748  
Option 3 ID : 70796614745  
Option 4 ID : 70796614747  
Status : Answered

Chosen Option : 3

Q.7 Select the set of letters that when sequentially placed in the gaps of the given letter series will complete the series  
7 logically.

a \_yz\_ bx\_ zc\_ cx\_ z

- Ans
- 1. xybcz
  - 2. yxbcz
  - 3. xbycy
  - 4. xybey

Question ID : 7079663753  
Option 1 ID : 70796615010  
Option 2 ID : 70796615011  
Option 3 ID : 70796615012  
Option 4 ID : 70796615009  
Status : Answered

Chosen Option : 3

Q.7 A boy of 50 kg is riding a scooter of 100 kg mass at a speed of v m/s. Find v (in m/s) if the kinetic energy of the scooter  
8 and the boy is 76.8 kJ.

- Ans
- 1. 80
  - 2. 32
  - 3. 64
  - 4. 40

Question ID : 7079663705  
Option 1 ID : 70796614820  
Option 2 ID : 70796614818  
Option 3 ID : 70796614817  
Option 4 ID : 70796614819  
Status : Not Answered

Chosen Option : --

Q.7  
9 Amit calculated  $\frac{2}{5}$ th of a number instead of calculating  $\frac{2}{15}$ th. His answer was greater than the correct answer by 336.  
Find the number.

- Ans  1. 1260  
 2. 1008  
 3. 1344  
 4. 1680

Question ID : 7079663730  
Option 1 ID : 70796614918  
Option 2 ID : 70796614919  
Option 3 ID : 70796614920  
Option 4 ID : 70796614917  
Status : Not Answered  
Chosen Option : --

Q.8 A car loses 200 kJ of kinetic energy when its speed decreases from 25 m/s to 15 m/s. Find its mass in tonnes.  
0

- Ans  1. 2  
 2. 2.5  
 3. 1.5  
 4. 1

Question ID : 7079663718  
Option 1 ID : 70796614869  
Option 2 ID : 70796614871  
Option 3 ID : 70796614870  
Option 4 ID : 70796614872  
Status : Not Answered  
Chosen Option : --

Q.8 Which element is mostly provided by grains, nuts and chocolates in our diet?  
1

- Ans  1. Iodine  
 2. Chloride  
 3. Copper  
 4. Zinc

Question ID : 7079663722  
Option 1 ID : 70796614886  
Option 2 ID : 70796614887  
Option 3 ID : 70796614888  
Option 4 ID : 70796614885  
Status : Answered  
Chosen Option : 3

Q.8 The total surface area of a cuboid is  $236 \text{ cm}^2$ . Its length is 8 cm and height is 6 cm. Find its breadth (in cm).  
2

- Ans  1. 9  
 2. 4  
 3. 5  
 4. 7

Question ID : 7079663735

Option 1 ID : 70796614938  
Option 2 ID : 70796614939  
Option 3 ID : 70796614940  
Option 4 ID : 70796614937  
Status : Answered  
Chosen Option : 3

Q.8 A uniform meter scale weighs 50g. It is pivoted at the 70cm mark. Where should a 40 g mass be placed so that the scale is in equilibrium?

- Ans
- 1. At the 95 cm mark
  - 2. At the 45 cm mark
  - 3. At the 5 cm mark
  - 4. At the 25 cm mark

Question ID : 7079663697  
Option 1 ID : 70796614788  
Option 2 ID : 70796614785  
Option 3 ID : 70796614786  
Option 4 ID : 70796614787  
Status : Not Answered  
Chosen Option : --

Q.8 Select the option that is related to the third word on the same basis as the second word is related to the first word. Pipe: Cylinder:: Moon : ?

- Ans
- 1. Sphere
  - 2. Night
  - 3. Earth
  - 4. Stars

Question ID : 7079663752  
Option 1 ID : 70796615006  
Option 2 ID : 70796615007  
Option 3 ID : 70796615005  
Option 4 ID : 70796615008  
Status : Answered  
Chosen Option : 1

Q.8 The ratio of the present ages of Leela and her mother is 3:8. The mother was 25 years old when Leela was born. Find the mother's present age (in years).

- Ans
- 1. 48
  - 2. 52
  - 3. 56
  - 4. 40

Question ID : 7079663748  
Option 1 ID : 70796614989  
Option 2 ID : 70796614992  
Option 3 ID : 70796614991  
Option 4 ID : 70796614990  
Status : Answered  
Chosen Option : 4

Q.8 \_\_\_\_\_ is India's sole National Issuing & Guaranteeing Association for ATA Carnets (also known as 'Passport for  
6 Goods').

- Ans
- 1. All India Management Association
  - 2. Federation of Indian Chambers of Commerce & Industry
  - 3. Confederation of Indian Industry
  - 4. International Resources for Fairer Trade

Question ID : 7079663678  
Option 1 ID : 70796614711  
Option 2 ID : 70796614712  
Option 3 ID : 70796614709  
Option 4 ID : 70796614710  
Status : Not Answered  
Chosen Option : --

Q.8 Find the value of:  
7

$$16 - (25\% \text{ of } (14 \times 10 \div 35 + 12 \times 10 \div 15))$$

- Ans
- 1. 11
  - 2. 13
  - 3. 7
  - 4. 9

Question ID : 7079663728  
Option 1 ID : 70796614909  
Option 2 ID : 70796614912  
Option 3 ID : 70796614911  
Option 4 ID : 70796614910  
Status : Answered  
Chosen Option : 2

Q.8 The specific latent heat of fusion of ethyl alcohol is  $100 \text{ Jg}^{-1}$ . Find the heat absorbed (in J) by 2.25 g of ethyl alcohol  
8 when it melts at its melting point of  $-114^\circ\text{C}$ .

- Ans
- 1. 225
  - 2. 311
  - 3. 45
  - 4. 100

Question ID : 7079663688  
Option 1 ID : 70796614751  
Option 2 ID : 70796614750  
Option 3 ID : 70796614749  
Option 4 ID : 70796614752  
Status : Not Answered  
Chosen Option : --

Q.8 The \_\_\_\_\_ across the ends of a resistor is directly proportional to the current through it, provided its temperature  
9 remains the same.

- Ans
- 1. potential difference

- 2. resistivity
- 3. resistance
- 4. charge

Question ID : 7079663709  
Option 1 ID : 70796614835  
Option 2 ID : 70796614834  
Option 3 ID : 70796614833  
Option 4 ID : 70796614836  
Status : Answered  
Chosen Option : 1

Q.9  
0 Which of the following is NOT a derived unit?

- Ans  1. Mole
- 2. Radian
  - 3. Lumen
  - 4. Volt

Question ID : 7079663701  
Option 1 ID : 70796614804  
Option 2 ID : 70796614801  
Option 3 ID : 70796614802  
Option 4 ID : 70796614803  
Status : Answered  
Chosen Option : 3

Q.9  
1 If  $a^2 + b^2 = 53$  and  $ab = 14$ , then find the value of  $a + b$ .

- Ans  1. 12
- 2. 9
  - 3. 15
  - 4. 5

Question ID : 7079663743  
Option 1 ID : 70796614972  
Option 2 ID : 70796614970  
Option 3 ID : 70796614969  
Option 4 ID : 70796614971  
Status : Answered  
Chosen Option : 2

Q.9  
2 Find the mass (in g) of a copper calorimeter if its temperature rises by  $45^\circ$  when it absorbs 3.6 kJ of heat. The specific heat capacity of copper is  $0.4 \text{ Jg}^{-1}\text{K}^{-1}$ .

- Ans  1. 200
- 2. 500
  - 3. 405
  - 4. 648

Question ID : 7079663708  
Option 1 ID : 70796614829

Option 2 ID : 70796614832  
Option 3 ID : 70796614831  
Option 4 ID : 70796614830  
Status : Not Answered  
Chosen Option : --

Q.9 A pilgrim starts from her house to visit various places. She walks 13 km towards the east, then turns towards the north and walks 11 km, then turns towards the west and walks 7 km, then turns towards the south and walks 6 km and finally turns to her right and walks 6 km. Where is she now with respect to her starting position?

- Ans
- 1. 16 km south
  - 2. 5 km south
  - 3. 5 km north
  - 4. 16 km north

Question ID : 7079663768  
Option 1 ID : 70796615071  
Option 2 ID : 70796615069  
Option 3 ID : 70796615072  
Option 4 ID : 70796615070  
Status : Answered  
Chosen Option : 3

Q.9 If  $\sin\theta = 12/13$ , then find the value of  $2\cot\theta + 13\cos\theta$ .

- Ans
- 1. 5/8
  - 2. 15/8
  - 3. 35/6
  - 4. 25/6

Question ID : 7079663745  
Option 1 ID : 70796614980  
Option 2 ID : 70796614978  
Option 3 ID : 70796614979  
Option 4 ID : 70796614977  
Status : Not Answered  
Chosen Option : --

Q.9 What is the area (in  $\text{cm}^2$ ) of a regular hexagon of side 10 cm?

- Ans
- 1.  $150\sqrt{3}$
  - 2.  $300\sqrt{3}$
  - 3.  $450\sqrt{3}$
  - 4.  $75\sqrt{3}$

Question ID : 7079663734  
Option 1 ID : 70796614934  
Option 2 ID : 70796614935  
Option 3 ID : 70796614936  
Option 4 ID : 70796614933  
Status : Answered  
Chosen Option : 1

Q.9 Select the option that is related to the third word on the same basis as the second word is related to the first word. Paper:

6 Glue:: Brick : ?

- Ans  1. Mortar  
 2. Mason  
 3. Wall  
 4. Stone

Question ID : 7079663751  
Option 1 ID : 70796615001  
Option 2 ID : 70796615004  
Option 3 ID : 70796615002  
Option 4 ID : 70796615003  
Status : Answered  
Chosen Option : 3

Q.9 If the compound interest received on a certain amount in the first year is ₹1,440, what will be the compound interest for  
7 the second year on the same principal at a 10% rate of interest?

- Ans  1. ₹1,540  
 2. ₹1,512  
 3. ₹1,584  
 4. ₹1,554

Question ID : 7079663739  
Option 1 ID : 70796614955  
Option 2 ID : 70796614956  
Option 3 ID : 70796614954  
Option 4 ID : 70796614953  
Status : Answered  
Chosen Option : 3

Q.9 The sentences given in this question, when properly sequenced, form a coherent paragraph. Each sentence is labelled  
8 with a letter (the first sentence is not labelled and given for your reference). Choose the most logical order of sentences from among the given choices to construct a coherent paragraph.

- There were once two brothers who lived on the edge of a forest.  
A: One day, the elder brother went into the forest to find some firewood to sell in the market.  
B: As he went around chopping the branches of a tree after tree, he came upon a magical tree.  
C: The elder brother was very mean to his younger brother and ate up all the food and took all his good clothes.  
D: The tree said to him, 'Oh kind sir, please do NOT cut my branches.'

- Ans  1. ACBD  
 2. ACDB  
 3. CABD  
 4. CADB

Question ID : 7079663773  
Option 1 ID : 70796615091  
Option 2 ID : 70796615092  
Option 3 ID : 70796615089  
Option 4 ID : 70796615090  
Status : Not Answered  
Chosen Option : --

Q.9 The sum of binary numbers 1100100 and 1101110 is \_\_\_\_\_.

- Ans
- 1. 11001000
  - 2. 11110010
  - 3. 11010010
  - 4. 11100110

Question ID : 7079663727  
Option 1 ID : 70796614906  
Option 2 ID : 70796614908  
Option 3 ID : 70796614907  
Option 4 ID : 70796614905  
Status : Not Answered  
Chosen Option : --

Q.1 If A \$ B means A is the sister of B, A # B means A is the husband of B and A \* B means A is the daughter of B, then what does P \$ Q \* R # S mean?

- Ans
- 1. S is the sister-in-law of P.
  - 2. S is the mother of P.
  - 3. S is the grandmother of P.
  - 4. S is the sister of P.

Question ID : 7079663759  
Option 1 ID : 70796615034  
Option 2 ID : 70796615036  
Option 3 ID : 70796615035  
Option 4 ID : 70796615033  
Status : Not Answered  
Chosen Option : --

Section : Machinist

Q.1 What does G17 code represent in CNC milling?

- Ans
- 1. ZY working plane, X-tool axis
  - 2. XZ working plane, Y-tool axis
  - 3. YX working plane, W-tool axis
  - 4. XY working plane, Z-tool axis

Question ID : 7079663850  
Option 1 ID : 70796615399  
Option 2 ID : 70796615398  
Option 3 ID : 70796615400  
Option 4 ID : 70796615397  
Status : Not Answered  
Chosen Option : --

Q.2 In Lever, mechanical advantage is the ratio of \_\_\_\_\_.

- Ans
- 1. Cost to effort



- 2. Effort to load
- 3. Load to cost
- 4. Load to effort

Question ID : 7079663778  
Option 1 ID : 70796615112  
Option 2 ID : 70796615110  
Option 3 ID : 70796615111  
Option 4 ID : 70796615109  
Status : Answered  
Chosen Option : 4

Q.3 What is the G-Code of Cutter Radius Compensation (CRC) in Right Hand side?

- Ans
- 1. G41
  - 2. G40
  - 3. G17
  - 4. G42

Question ID : 7079663844  
Option 1 ID : 70796615374  
Option 2 ID : 70796615375  
Option 3 ID : 70796615376  
Option 4 ID : 70796615373  
Status : Not Answered  
Chosen Option : --

Q.4 Which property of material is the main reason for the chips to break in machining?

- Ans
- 1. Brittleness
  - 2. Malleability
  - 3. Plasticity
  - 4. Ductility

Question ID : 7079663793  
Option 1 ID : 70796615169  
Option 2 ID : 70796615171  
Option 3 ID : 70796615172  
Option 4 ID : 70796615170  
Status : Answered  
Chosen Option : 1

Q.5 The least count of a Vernier height gauge in the metric system is \_\_\_\_\_.

- Ans
- 1. 0.1 mm
  - 2. 0.05 mm
  - 3. 0.02 mm
  - 4. 0.001 mm

Question ID : 7079663817  
Option 1 ID : 70796615266  
Option 2 ID : 70796615265

Option 3 ID : 70796615267  
Option 4 ID : 70796615268  
Status : Answered  
Chosen Option : 3

Q.6 The ratio between original length to the change in length is known as \_\_\_\_\_.

- Ans  1. Strain  
 2. elasticity  
 3. Stress  
 4. resilience

Question ID : 7079663829  
Option 1 ID : 70796615313  
Option 2 ID : 70796615316  
Option 3 ID : 70796615314  
Option 4 ID : 70796615315  
Status : Answered  
Chosen Option : 1

Q.7 The clearance angle of a drill is between \_\_\_\_\_.

- Ans  1. 3° to 5°  
 2. 12° to 20°  
 3. 20° to 25°  
 4. 8° to 12°

Question ID : 7079663783  
Option 1 ID : 70796615129  
Option 2 ID : 70796615131  
Option 3 ID : 70796615132  
Option 4 ID : 70796615130  
Status : Answered  
Chosen Option : 2

Q.8 In a planing machine, reciprocating movement of the table is obtained by a \_\_\_\_\_.

- Ans  1. V-belt  
 2. Pulley  
 3. Rack and pinion  
 4. Flat Belt

Question ID : 7079663815  
Option 1 ID : 70796615259  
Option 2 ID : 70796615260  
Option 3 ID : 70796615257  
Option 4 ID : 70796615258  
Status : Answered  
Chosen Option : 3

Q.9 For rough boring operation one must use \_\_\_\_\_.

- Ans  1. slow spindle speed and fine feed

- 2. high spindle speed and fine feed
- 3. high spindle speed and coarse feed
- 4. slow spindle speed and coarse feed

Question ID : 7079663840  
Option 1 ID : 70796615359  
Option 2 ID : 70796615360  
Option 3 ID : 70796615358  
Option 4 ID : 70796615357  
Status : **Not Answered**  
Chosen Option : --

Q.1  
0 Rotary motion of the shaft can be converted into reciprocating motion by \_\_\_\_\_.

- Ans
- 1. Gear box
  - 2. Cam
  - 3. Clutch
  - 4. Headstock

Question ID : 7079663814  
Option 1 ID : 70796615256  
Option 2 ID : 70796615254  
Option 3 ID : 70796615255  
Option 4 ID : 70796615253  
Status : **Answered**  
Chosen Option : 2

Q.1  
1 Direct indexing method in milling is also known as \_\_\_\_\_.

- Ans
- 1. Compound indexing method
  - 2. Angular indexing method
  - 3. Simple indexing method
  - 4. Rapid indexing method

Question ID : 7079663833  
Option 1 ID : 70796615332  
Option 2 ID : 70796615331  
Option 3 ID : 70796615330  
Option 4 ID : 70796615329  
Status : **Answered**  
Chosen Option : 3

Q.1  
2 What is the operation of sharpening of a grinding wheel called?

- Ans
- 1. Truing
  - 2. Dressing
  - 3. Balancing
  - 4. Aligning

Question ID : 7079663846  
Option 1 ID : 70796615381  
Option 2 ID : 70796615382  
Option 3 ID : 70796615384  
Option 4 ID : 70796615383  
Status : Answered  
Chosen Option : 2

Q.1  
3 The size of an engineer's vice is specified according to the \_\_\_\_\_.

- Ans
- 1. width of the jaws
  - 2. length of the movable jaw
  - 3. height of the vice
  - 4. maximum opening of the jaws

Question ID : 7079663776  
Option 1 ID : 70796615102  
Option 2 ID : 70796615101  
Option 3 ID : 70796615103  
Option 4 ID : 70796615104  
Status : Answered  
Chosen Option : 1

Q.1  
4 Which of the following operation has the lowest cutting speed?

- Ans
- 1. Turning
  - 2. Milling
  - 3. Honing
  - 4. grinding

Question ID : 7079663809  
Option 1 ID : 70796615236  
Option 2 ID : 70796615234  
Option 3 ID : 70796615233  
Option 4 ID : 70796615235  
Status : Answered  
Chosen Option : 3

Q.1  
5 Which of the following is used to guide the hand die and apply force to cut threads on a lathe?

- Ans
- 1. Tool post
  - 2. Tailstock spindle
  - 3. Cross slide
  - 4. Carriage

Question ID : 7079663799  
Option 1 ID : 70796615193  
Option 2 ID : 70796615195  
Option 3 ID : 70796615196  
Option 4 ID : 70796615194

Status : Answered  
Chosen Option : 4

Q.1  
6 What is the secondary clearance angle of the taper lead and the bevel lead?

- Ans
- 1.  $15^\circ$  to  $20^\circ$
  - 2.  $10^\circ$  to  $12^\circ$
  - 3.  $5^\circ$  to  $7^\circ$
  - 4.  $20^\circ$  to  $22^\circ$

Question ID : 7079663848  
Option 1 ID : 70796615390  
Option 2 ID : 70796615389  
Option 3 ID : 70796615392  
Option 4 ID : 70796615391  
Status : Not Answered  
Chosen Option : --

Q.1  
7 A Knurling tool is a \_\_\_\_\_.

- Ans
- 1. forming tool and multipoint dish type tool
  - 2. multipoint tool like grinding wheel
  - 3. single point shaper type tool
  - 4. single point tool like form tool

Question ID : 7079663810  
Option 1 ID : 70796615237  
Option 2 ID : 70796615240  
Option 3 ID : 70796615238  
Option 4 ID : 70796615239  
Status : Answered  
Chosen Option : 4

Q.1  
8 Head stock accommodates \_\_\_\_\_ for various spindle speeds.

- Ans
- 1. Gear box
  - 2. Feed gear
  - 3. Motor
  - 4. Half nut

Question ID : 7079663798  
Option 1 ID : 70796615189  
Option 2 ID : 70796615191  
Option 3 ID : 70796615190  
Option 4 ID : 70796615192  
Status : Answered  
Chosen Option : 1

Q.1  
9 Iron from its ore is converted to pig iron in a \_\_\_\_\_.

- Ans
- 1. Open hearth furnace

- 2. Blast furnace
- 3. Electrical furnace
- 4. Cupola furnace

Question ID : 7079663818  
Option 1 ID : 70796615272  
Option 2 ID : 70796615269  
Option 3 ID : 70796615271  
Option 4 ID : 70796615270  
Status : Answered  
Chosen Option : 2

Q.2  
0 The quality of surface finish (texture) that can be achieved in good operation condition on a milling machine is \_\_\_\_\_.

- Ans
- 1. n4 to n8
  - 2. n3 to n4
  - 3. n2 to n4
  - 4. n11 to n12

Question ID : 7079663821  
Option 1 ID : 70796615281  
Option 2 ID : 70796615282  
Option 3 ID : 70796615283  
Option 4 ID : 70796615284  
Status : Not Answered  
Chosen Option : --

Q.2  
1 A slight convexity is given to the cutting edge of a chisel to \_\_\_\_\_.

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

Question ID : 7079663780  
Option 1 ID : 70796615119  
Option 2 ID : 70796615118  
Option 3 ID : 70796615120  
Option 4 ID : 70796615117  
Status : Answered  
Chosen Option : 4

Q.2  
2 The rotary feed table is clamped to the machine table using \_\_\_\_\_.

- Ans
- 1. T-bolt and nut
  - 2. Machine vice
  - 3. Magnetic chuck
  - 4. Chuck

Question ID : 7079663823  
Option 1 ID : 70796615290

Option 2 ID : 70796615291  
Option 3 ID : 70796615289  
Option 4 ID : 70796615292  
Status : Answered  
Chosen Option : 2

Q.2  
3 What is the purpose of clearance angle of a tool?

- Ans
- 1. To increase the heat generation
  - 2. To increase the tool life
  - 3. To allow the chip to flow freely
  - 4. To avoid rubbing of tool with the work

Question ID : 7079663801  
Option 1 ID : 70796615204  
Option 2 ID : 70796615203  
Option 3 ID : 70796615202  
Option 4 ID : 70796615201  
Status : Answered  
Chosen Option : 4

Q.2  
4 The \_\_\_\_\_ is one of the holding devices used for clamping the round rod during marking.

- Ans
- 1. tool makers clamp
  - 2. C-clamp
  - 3. plier
  - 4. V block

Question ID : 7079663836  
Option 1 ID : 70796615343  
Option 2 ID : 70796615344  
Option 3 ID : 70796615341  
Option 4 ID : 70796615342  
Status : Answered  
Chosen Option : 1

Q.2  
5 Spring washers are used under nuts to prevent \_\_\_\_\_.

- Ans
- 1. damage to the bolt
  - 2. damage to the thread
  - 3. damage to the work
  - 4. loosening and fastening of nuts due to vibration

Question ID : 7079663837  
Option 1 ID : 70796615347  
Option 2 ID : 70796615348  
Option 3 ID : 70796615346  
Option 4 ID : 70796615345  
Status : Answered  
Chosen Option : 4

Q.2  
6 Centre drilling is done before drilling to \_\_\_\_\_.

- Ans
- 1. drill a hole accurately at the centre in the face of the job
  - 2. identify the location of the hole
  - 3. carry out pilot drilling operation
  - 4. locate the hole centre exactly at the centre punch mark

Question ID : 7079663813  
Option 1 ID : 70796615251  
Option 2 ID : 70796615249  
Option 3 ID : 70796615252  
Option 4 ID : 70796615250  
Status : Answered  
Chosen Option : 4

Q.2  
7 Tool maker's buttons are made of \_\_\_\_\_.

- Ans
- 1. Bronze
  - 2. Hardened steel
  - 3. Plastic
  - 4. Cast iron

Question ID : 7079663832  
Option 1 ID : 70796615328  
Option 2 ID : 70796615327  
Option 3 ID : 70796615325  
Option 4 ID : 70796615326  
Status : Answered  
Chosen Option : 2

Q.2  
8 \_\_\_\_\_ is also known as Bakelite bond.

- Ans
- 1. Silicate bond
  - 2. Vitrified bond
  - 3. Resin bond
  - 4. Rubber bond

Question ID : 7079663826  
Option 1 ID : 70796615303  
Option 2 ID : 70796615304  
Option 3 ID : 70796615301  
Option 4 ID : 70796615302  
Status : Answered  
Chosen Option : 2

Q.2  
9 The formula to find out the change gear to cut 1/2 mm pitch thread on a lathe having 6 mm pitch lead screw is

- Ans
- 1.  $d_r/d_n = \text{Pitch to be cut} * 2 / \text{lead screw pitch}$
  - 2.  $d_r/d_n = \text{Pitch to be cut} / \text{lead of the machine}$
  - 3.  $d_r/d_n = \text{Lead screw pitch} / \text{pitch to be cut} * 2$



4.  $d_r/d_n = \text{Pitch to be cut/lead of the machine} * 2$

Question ID : 7079663792  
Option 1 ID : 70796615165  
Option 2 ID : 70796615167  
Option 3 ID : 70796615166  
Option 4 ID : 70796615168  
Status : Answered  
Chosen Option : 4

Q.3  
0 What is range of drills provided on a Morse taper?

- Ans
- 1. mt10 to mt15
  - 2. mt0 to mt2
  - 3. mt6 to mt10
  - 4. mt1 to mt5

Question ID : 7079663781  
Option 1 ID : 70796615122  
Option 2 ID : 70796615124  
Option 3 ID : 70796615123  
Option 4 ID : 70796615121  
Status : Not Answered  
Chosen Option : --

Q.3  
1 The size of a slotter is specified by the maximum \_\_\_\_\_.

- Ans
- 1. longitudinal travel of table
  - 2. crosswise travel of table
  - 3. height between table and ram
  - 4. length of stroke of ram

Question ID : 7079663791  
Option 1 ID : 70796615161  
Option 2 ID : 70796615163  
Option 3 ID : 70796615162  
Option 4 ID : 70796615164  
Status : Answered  
Chosen Option : 3

Q.3  
2 Which of the following shapes can be produced using a lathe machine?

- Ans
- 1. Irregular shape
  - 2. Cylindrical shape
  - 3. Flat shape
  - 4. Complex shape

Question ID : 7079663835  
Option 1 ID : 70796615339  
Option 2 ID : 70796615337  
Option 3 ID : 70796615338

Option 4 ID : 70796615340  
Status : Answered  
Chosen Option : 2

Q.3  
3 Cutting speed of shapers is always expressed in \_\_\_\_\_.

- Ans
- 1. Revolutions/minute
  - 2. Number of strokes/minute
  - 3. Meters/minute
  - 4. Millimeters/minute

Question ID : 7079663787  
Option 1 ID : 70796615145  
Option 2 ID : 70796615148  
Option 3 ID : 70796615147  
Option 4 ID : 70796615146  
Status : Answered  
Chosen Option : 3

Q.3  
4 For faster cutting, \_\_\_\_\_ bond wheel is used on a grinding machine.

- Ans
- 1. Shellac
  - 2. Rubber
  - 3. Metal
  - 4. Resinoid

Question ID : 7079663849  
Option 1 ID : 70796615394  
Option 2 ID : 70796615395  
Option 3 ID : 70796615396  
Option 4 ID : 70796615393  
Status : Not Answered  
Chosen Option : --

Q.3  
5 Normally button boring operations on irregular shaped heavy jobs are carried out \_\_\_\_\_.

- Ans
- 1. in three jaw chuck (universal)
  - 2. In Collet chuck
  - 3. between centers
  - 4. in face plate

Question ID : 7079663825  
Option 1 ID : 70796615297  
Option 2 ID : 70796615300  
Option 3 ID : 70796615299  
Option 4 ID : 70796615298  
Status : Not Answered  
Chosen Option : --

Q.3  
6 Which of the following formulas is used to calculate rpm where cutting speed and diameter are known?

- Ans
- 1.  $1000 \times v/\pi d$

- 2.  $1000 \times d/\pi n$
- 3.  $1000 \times \pi/ d$
- 4.  $1000 \times v/\pi n$

Question ID : 7079663802  
Option 1 ID : 70796615207  
Option 2 ID : 70796615206  
Option 3 ID : 70796615208  
Option 4 ID : 70796615205  
Status : Answered  
Chosen Option : 1

Q.3  
7 What is the unit of Torque?

- Ans
- 1. KN
  - 2. N/m
  - 3. N-m
  - 4. N-m/s

Question ID : 7079663779  
Option 1 ID : 70796615116  
Option 2 ID : 70796615114  
Option 3 ID : 70796615113  
Option 4 ID : 70796615115  
Status : Answered  
Chosen Option : 3

Q.3  
8 What is the formula for power in Gear Drive?

- Ans
- 1.  $P=2 \pi NT$
  - 2.  $P= \pi NT/100$
  - 3.  $P= 2 \pi NT/60$
  - 4.  $P=2 \pi N/100$

Question ID : 7079663831  
Option 1 ID : 70796615324  
Option 2 ID : 70796615323  
Option 3 ID : 70796615321  
Option 4 ID : 70796615322  
Status : Answered  
Chosen Option : 3

Q.3  
9 Where should a Facing tool be set at?

- Ans
- 1. Above the centre
  - 2. 1 mm below the centre
  - 3. Below the centre
  - 4. Exactly at the centre

Question ID : 7079663811  
Option 1 ID : 70796615241

Option 2 ID : 70796615244  
Option 3 ID : 70796615243  
Option 4 ID : 70796615242  
Status : Answered  
Chosen Option : 4

Q.4  
0 Identify the formula used for finding the cutting speed of a shaper.

- Ans  1.  
(length of the cutting stroke) + (time required by the cutting stroke).
2.  
(length of the cutting stroke) / (time required by the cutting stroke)
3.  
(length of the cutting stroke) × (time required by the cutting stroke)
4.  
(length of the cutting stroke) - (time required by the cutting stroke).

Question ID : 7079663786  
Option 1 ID : 70796615143  
Option 2 ID : 70796615141  
Option 3 ID : 70796615142  
Option 4 ID : 70796615144  
Status : Answered  
Chosen Option : 2

Q.4  
1 Tool life is mainly related with \_\_\_\_\_ of metal.

- Ans  1. toughness
2. ductility
3. hardness
4. brittleness

Question ID : 7079663834  
Option 1 ID : 70796615336  
Option 2 ID : 70796615334  
Option 3 ID : 70796615333  
Option 4 ID : 70796615335  
Status : Answered  
Chosen Option : 3

Q.4  
2 The Morse standard taper is available in \_\_\_\_\_ numbers.

- Ans  1. 10
2. 8
3. 20
4. 12

Question ID : 7079663805  
Option 1 ID : 70796615219  
Option 2 ID : 70796615220  
Option 3 ID : 70796615217

Option 4 ID : 70796615218  
Status : Not Answered  
Chosen Option : --

Q.4  
3 In an all-gear lathe one has to \_\_\_\_\_.

- Ans
- 1. position tumbler gear lever to the required spindle speed
  - 2. engage back gear and disengage driving pin to achieve required spindle speed
  - 3. disengage back gear and engage driving pin to achieve required spindle speed
  - 4. position gear change lever to the required spindle speed

Question ID : 7079663797  
Option 1 ID : 70796615188  
Option 2 ID : 70796615185  
Option 3 ID : 70796615186  
Option 4 ID : 70796615187  
Status : Answered  
Chosen Option : 3

Q.4  
4 High speed steel tools are used at \_\_\_\_\_.

- Ans
- 1. lower speed than that of carbon steel tools
  - 2. the same speed as carbide tools
  - 3. the same speed as carbon steel tools
  - 4. higher speed than that of carbon steel tools

Question ID : 7079663790  
Option 1 ID : 70796615158  
Option 2 ID : 70796615160  
Option 3 ID : 70796615157  
Option 4 ID : 70796615159  
Status : Answered  
Chosen Option : 4

Q.4  
5 In Stress & Strain diagram, stress is always represented on the \_\_\_\_\_.

- Ans
- 1. XY-Plane
  - 2. X-axis
  - 3. Y-axis
  - 4. Z-axis

Question ID : 7079663843  
Option 1 ID : 70796615372  
Option 2 ID : 70796615370  
Option 3 ID : 70796615369  
Option 4 ID : 70796615371  
Status : Answered  
Chosen Option : 2

Q.4  
6 What are Slab cutters used for?

- Ans
- 1. Chuck
  - 2. Milling narrow surfaces
  - 3. Milling wide surfaces
  - 4. Milling "t" slot

Question ID : 7079663820  
Option 1 ID : 70796615280  
Option 2 ID : 70796615278  
Option 3 ID : 70796615277  
Option 4 ID : 70796615279  
Status : Not Answered  
Chosen Option : --

Q.4  
7 Which of the following is a machining process that brings the raw material to the required cylindrical or conical shape using a single point cutter?

- Ans
- 1. Turning
  - 2. Shaping
  - 3. Spinning
  - 4. Slotting

Question ID : 7079663812  
Option 1 ID : 70796615247  
Option 2 ID : 70796615246  
Option 3 ID : 70796615245  
Option 4 ID : 70796615248  
Status : Answered  
Chosen Option : 1

Q.4  
8 A \_\_\_\_\_ is used while cutting grooves and slots over a round job.

- Ans
- 1. angle plate
  - 2. planing centre
  - 3. poppet of dogs
  - 4. planing jack

Question ID : 7079663816  
Option 1 ID : 70796615264  
Option 2 ID : 70796615261  
Option 3 ID : 70796615263  
Option 4 ID : 70796615262  
Status : Answered  
Chosen Option : 3

Q.4  
9 What is the full form of LMC?

- Ans
- 1. Light Material Condition
  - 2. Least Material Condition

- 3. Light Metal Contact
- 4. Last Making Component

Question ID : 7079663808  
Option 1 ID : 70796615230  
Option 2 ID : 70796615229  
Option 3 ID : 70796615232  
Option 4 ID : 70796615231  
Status : Answered  
Chosen Option : 1

Q.5  
0 The nose radius is half of the shank diameter for which of the following cutters?

- Ans
- 1. Bull Nose Cutter
  - 2. Slot Drill Cutter
  - 3. End Milling Cutter
  - 4. Ball Nose Cutter

Question ID : 7079663842  
Option 1 ID : 70796615366  
Option 2 ID : 70796615367  
Option 3 ID : 70796615368  
Option 4 ID : 70796615365  
Status : Not Answered  
Chosen Option : --

Q.5  
1 Which of the following is NOT a part of a shaper?

- Ans
- 1. Clapper box
  - 2. Ram
  - 3. Tool head
  - 4. Cross slide

Question ID : 7079663785  
Option 1 ID : 70796615137  
Option 2 ID : 70796615138  
Option 3 ID : 70796615139  
Option 4 ID : 70796615140  
Status : Answered  
Chosen Option : 4

Q.5  
2 Dial gauge is used on lathe to \_\_\_\_\_.

- Ans
- 1. measure the job
  - 2. true the job
  - 3. draw perpendicular lines
  - 4. draw parallel lines

Question ID : 7079663795  
Option 1 ID : 70796615179

Option 2 ID : 70796615178  
Option 3 ID : 70796615180  
Option 4 ID : 70796615177  
Status : Answered  
Chosen Option : 2

Q.5  
3 In universal dividing head, the worm wheel has \_\_\_\_\_.

- Ans
- 1. 120 teeth
  - 2. 40 teeth
  - 3. 80 teeth
  - 4. 25 teeth

Question ID : 7079663841  
Option 1 ID : 70796615363  
Option 2 ID : 70796615361  
Option 3 ID : 70796615362  
Option 4 ID : 70796615364  
Status : Not Answered  
Chosen Option : --

Q.5  
4 What is the Tailstock centre which does NOT revolve with the work piece known as?

- Ans
- 1. Pipe centre
  - 2. Revolving centre
  - 3. Live centre
  - 4. Dead centre

Question ID : 7079663806  
Option 1 ID : 70796615224  
Option 2 ID : 70796615222  
Option 3 ID : 70796615221  
Option 4 ID : 70796615223  
Status : Answered  
Chosen Option : 4

Q.5  
5 In shaping, compound angle may be obtained using \_\_\_\_\_ vice.

- Ans
- 1. Plain
  - 2. Universal
  - 3. Tool maker's
  - 4. Swivel

Question ID : 7079663789  
Option 1 ID : 70796615153  
Option 2 ID : 70796615155  
Option 3 ID : 70796615156  
Option 4 ID : 70796615154  
Status : Answered  
Chosen Option : 4

Q.5 What are Tab washers used for?



6

- Ans
- 1. loosening the nuts
  - 2. fastening structural fabrications
  - 3. preventing vibration
  - 4. locking the nuts

Question ID : 7079663838  
Option 1 ID : 70796615351  
Option 2 ID : 70796615352  
Option 3 ID : 70796615350  
Option 4 ID : 70796615349  
Status : Not Answered  
Chosen Option : --

Q.5  
7 The Carriage used in lathe machine \_\_\_\_\_.

- Ans
- 1. moves along the lathe bed
  - 2. slides along the cross slide
  - 3. is fixed along the lathe bed
  - 4. moves along the compound rest slide

Question ID : 7079663803  
Option 1 ID : 70796615210  
Option 2 ID : 70796615211  
Option 3 ID : 70796615209  
Option 4 ID : 70796615212  
Status : Answered  
Chosen Option : 2

Q.5  
8 The support just behind the tool is provided by \_\_\_\_\_.

- Ans
- 1. Revolving steady rest
  - 2. Cat head steady rest
  - 3. Follower steady rest
  - 4. Fixed steady rest

Question ID : 7079663807  
Option 1 ID : 70796615227  
Option 2 ID : 70796615228  
Option 3 ID : 70796615226  
Option 4 ID : 70796615225  
Status : Not Answered  
Chosen Option : --

Q.5  
9 Which one of the following is NOT an important property for a milling cutter?

- Ans
- 1. Toughness
  - 2. Hardness

- 3. Resistance to wear
- 4. Brittleness

Question ID : 7079663819  
Option 1 ID : 70796615274  
Option 2 ID : 70796615275  
Option 3 ID : 70796615276  
Option 4 ID : 70796615273  
Status : Answered  
Chosen Option : 4

Q.6  
0 A screw ring gauge is used for checking \_\_\_\_\_.

- Ans
- 1. major diameter
  - 2. external threads
  - 3. internal threads
  - 4. dies and taps

Question ID : 7079663828  
Option 1 ID : 70796615312  
Option 2 ID : 70796615310  
Option 3 ID : 70796615309  
Option 4 ID : 70796615311  
Status : Answered  
Chosen Option : 2

Q.6  
1 The helical angle of the drill determines the \_\_\_\_\_.

- Ans
- 1. cutting angle
  - 2. lip angle
  - 3. rake angle
  - 4. web angle

Question ID : 7079663782  
Option 1 ID : 70796615125  
Option 2 ID : 70796615128  
Option 3 ID : 70796615127  
Option 4 ID : 70796615126  
Status : Answered  
Chosen Option : 2

Q.6  
2 Why is a clapper box used in a shaper?

- Ans
- 1. To allow using shorter length tools
  - 2. To ensure cutting action
  - 3. To lift the tool during return stroke
  - 4. To lift the tool during cutting stroke

Question ID : 7079663788  
Option 1 ID : 70796615149

Option 2 ID : 70796615150  
Option 3 ID : 70796615151  
Option 4 ID : 70796615152  
Status : Answered  
Chosen Option : 3

Q.6  
3 The type of jig in which a base plate is NOT available is the \_\_\_\_\_.

- Ans
- 1. Box jig
  - 2. Trunnion jig
  - 3. Latch jig
  - 4. Plate jig

Question ID : 7079663827  
Option 1 ID : 70796615306  
Option 2 ID : 70796615307  
Option 3 ID : 70796615308  
Option 4 ID : 70796615305  
Status : Not Answered  
Chosen Option : --

Q.6  
4 Which of the following planing machines is most widely used in a workshop?

- Ans
- 1. Divided table planing machine
  - 2. Standard planing machine
  - 3. Pit planing machine
  - 4. Hydraulic planing machine

Question ID : 7079663800  
Option 1 ID : 70796615200  
Option 2 ID : 70796615197  
Option 3 ID : 70796615199  
Option 4 ID : 70796615198  
Status : Not Answered  
Chosen Option : --

Q.6  
5 In a centerless grinder for longitudinal feed, the control wheel is inclined at \_\_\_\_\_.

- Ans
- 1.  $12^\circ$  to  $15^\circ$
  - 2.  $1^\circ$  to  $7^\circ$
  - 3.  $8^\circ$  to  $11^\circ$
  - 4.  $16^\circ$  to  $20^\circ$

Question ID : 7079663830  
Option 1 ID : 70796615320  
Option 2 ID : 70796615318  
Option 3 ID : 70796615319  
Option 4 ID : 70796615317  
Status : Not Answered  
Chosen Option : --

Q.6  
6 Which one of the following is NOT the cause for the glazing of a grinding wheel?

- Ans
- 1. Dirty coolant
  - 2. Improper dressing
  - 3. Hard wheel in the place of soft wheel
  - 4. Higher wheel speed than recommended

Question ID : 7079663824  
Option 1 ID : 70796615295  
Option 2 ID : 70796615296  
Option 3 ID : 70796615293  
Option 4 ID : 70796615294  
Status : Not Answered  
Chosen Option : --

Q.6  
7 Power is transmitted by lead screw to the carriage through a \_\_\_\_\_.

- Ans
- 1. Worm and gear
  - 2. Half nut
  - 3. Gear box
  - 4. Apron mechanism

Question ID : 7079663804  
Option 1 ID : 70796615214  
Option 2 ID : 70796615215  
Option 3 ID : 70796615213  
Option 4 ID : 70796615216  
Status : Answered  
Chosen Option : 4

Q.6  
8 The reamer teeth are unevenly spaced because they \_\_\_\_\_.

- Ans
- 1. help to cut metal gradually
  - 2. are easy to manufacture
  - 3. can reduce chattering
  - 4. help to remove the reamer easily

Question ID : 7079663784  
Option 1 ID : 70796615135  
Option 2 ID : 70796615133  
Option 3 ID : 70796615134  
Option 4 ID : 70796615136  
Status : Answered  
Chosen Option : 1

Q.6  
9 Scribes are made of \_\_\_\_\_.

- Ans
- 1. High carbon steel
  - 2. Mild steel

- 3. Cast iron
- 4. Brass

Question ID : 7079663777  
Option 1 ID : 70796615106  
Option 2 ID : 70796615105  
Option 3 ID : 70796615108  
Option 4 ID : 70796615107  
Status : Answered  
Chosen Option : 1

Q.7  
0 Plane turning is the operation of reducing the \_\_\_\_\_ of the job throughout its length.

- Ans
- 1. angle
  - 2. temperature
  - 3. diameter
  - 4. diagonal

Question ID : 7079663796  
Option 1 ID : 70796615183  
Option 2 ID : 70796615184  
Option 3 ID : 70796615181  
Option 4 ID : 70796615182  
Status : Answered  
Chosen Option : 3

Q.7  
1 More widely positioned component of surface texture is termed as \_\_\_\_\_.

- Ans
- 1. Waviness
  - 2. Primary texture
  - 3. Lay
  - 4. Roughness

Question ID : 7079663845  
Option 1 ID : 70796615379  
Option 2 ID : 70796615377  
Option 3 ID : 70796615380  
Option 4 ID : 70796615378  
Status : Not Answered  
Chosen Option : --

Q.7  
2 Which one of the following cutter is NOT to be ground on the land of the cutter?

- Ans
- 1. Side and face cutter
  - 2. Equal angle cutter
  - 3. Reamer flute cutter
  - 4. Slotting cutter

Question ID : 7079663847  
Option 1 ID : 70796615386

Option 2 ID : 70796615385  
Option 3 ID : 70796615388  
Option 4 ID : 70796615387  
Status : Answered  
Chosen Option : 1

Q.7  
3 The tolerance of a hole is the difference between the \_\_\_\_\_.

- Ans  1.  
maximum diameter of hole and the minimum diameter of hole  
 2.  
minimum diameter of hole and the maximum diameter of shaft  
 3.  
maximum diameter of hole and the maximum diameter of shaft  
 4.  
maximum diameter of hole and the minimum diameter of shaft

Question ID : 7079663822  
Option 1 ID : 70796615286  
Option 2 ID : 70796615287  
Option 3 ID : 70796615288  
Option 4 ID : 70796615285  
Status : Answered  
Chosen Option : 1

Q.7  
4 The distance that the tool advances for each revolution of the work is known as \_\_\_\_\_.

- Ans  1. Spindle speed  
 2. Revolution Per Minute  
 3. Cutting speed  
 4. Feed Rate

Question ID : 7079663839  
Option 1 ID : 70796615354  
Option 2 ID : 70796615356  
Option 3 ID : 70796615355  
Option 4 ID : 70796615353  
Status : Answered  
Chosen Option : 4

Q.7  
5 Centre drills are usually held in a \_\_\_\_\_.

- Ans  1. Four jaw chuck  
 2. Collet chuck  
 3. Magnetic chuck  
 4. Drill chuck

Question ID : 7079663794  
Option 1 ID : 70796615173  
Option 2 ID : 70796615174  
Option 3 ID : 70796615176

Option 4 ID : 70796615175

Status : **Answered**

Chosen Option : **3**