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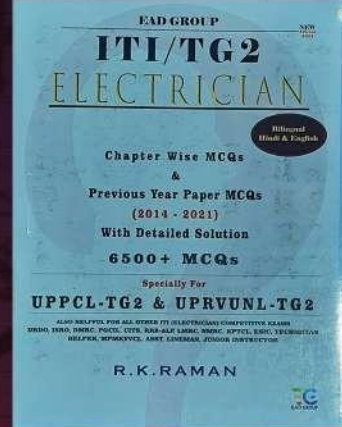
## Objective Book for

**Electrical-JE**

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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 : Mechanic Diesel

- 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 angular measurements, one radian is equivalent to \_\_\_\_\_ degrees (approximately).

- Ans
- 1. 57.27
  - 2. 90
  - 3. 65.27
  - 4. 180

Question ID : 96234011387

Option 1 ID : 96234045547

Option 2 ID : 96234045546

Option 3 ID : 96234045548

Option 4 ID : 96234045545

Status : Answered

Chosen Option : 1

Q.2 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. 1.54
  - 2. 1.56
  - 3. 1.62
  - 4. 1.68

Question ID : 96234011454

Option 1 ID : 96234045815

Option 2 ID : 96234045814

Option 3 ID : 96234045813

Option 4 ID : 96234045816

Status : Answered

Chosen Option : 2

Q.3 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. 40
  - 3. 48

~~X~~ 4. 36

Question ID : 96234011437

Option 1 ID : 96234045747

Option 2 ID : 96234045746

Option 3 ID : 96234045748

Option 4 ID : 96234045745

Status : Answered

Chosen Option : 1

Q.4 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 ~~X~~ 1. 10 J

~~X~~ 2. 12 J

~~X~~ 3. 8 J

✓ 4. 6 J

Question ID : 96234011390

Option 1 ID : 96234045559

Option 2 ID : 96234045560

Option 3 ID : 96234045558

Option 4 ID : 96234045557

Status : Not Answered

Chosen Option : --

Q.5 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 ~~X~~ 1. 7.5

~~X~~ 2. 3

~~X~~ 3. 6

✓ 4. 9

Question ID : 96234011450

Option 1 ID : 96234045799

Option 2 ID : 96234045797

Option 3 ID : 96234045798

Option 4 ID : 96234045800

Status : Answered

Chosen Option : 4

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

Ans ~~X~~ 1. 7

~~X~~ 2. 9

~~X~~ 3. 10

✓ 4. 8

Question ID : 96234011446

Option 1 ID : 96234045781

Option 2 ID : 96234045783

Option 3 ID : 96234045784

Option 4 ID : 96234045782

Status : Answered

Chosen Option : 4

Q.7 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 ~~X~~ 1. 3/7

- ✓ 2. -2/13
- ✗ 3. 2/13
- ✗ 4. -7/3

Question ID : 96234011452  
Option 1 ID : 96234045806  
Option 2 ID : 96234045808  
Option 3 ID : 96234045805  
Option 4 ID : 96234045807  
Status : Answered  
Chosen Option : 2

Q.8 A \_\_\_\_\_ is a theoretical exact plane, axis or point location that GD & T or dimensional tolerances are referenced to.

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

Question ID : 96234011395  
Option 1 ID : 96234045579  
Option 2 ID : 96234045580  
Option 3 ID : 96234045578  
Option 4 ID : 96234045577  
Status : Not Answered  
Chosen Option : --

Q.9 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.

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. Only argument I is strong.
  - ✗ 4. Neither I nor II is strong.

Question ID : 96234011475  
Option 1 ID : 96234045898  
Option 2 ID : 96234045899  
Option 3 ID : 96234045897  
Option 4 ID : 96234045900  
Status : Answered  
Chosen Option : 1

Q.1 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 left. In how many days will B finish the remaining work?

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

Question ID : 96234011449  
Option 1 ID : 96234045793  
Option 2 ID : 96234045795  
Option 3 ID : 96234045796  
Option 4 ID : 96234045794

Q.1  
1 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 : 96234011439  
Option 1 ID : 96234045756  
Option 2 ID : 96234045755  
Option 3 ID : 96234045754  
Option 4 ID : 96234045753  
Status : Answered  
Chosen Option : 3

Q.1  
2 Substances that are broken down by biological processes are said to be \_\_\_\_\_.

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

Question ID : 96234011389  
Option 1 ID : 96234045555  
Option 2 ID : 96234045553  
Option 3 ID : 96234045556  
Option 4 ID : 96234045554  
Status : Answered  
Chosen Option : 1

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

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

Question ID : 96234011393  
Option 1 ID : 96234045571  
Option 2 ID : 96234045569  
Option 3 ID : 96234045572  
Option 4 ID : 96234045570  
Status : Not Answered  
Chosen Option : --

Q.1  
4 A motorcycle travelled 1000 m at 36 km/hr. Find the time (in seconds) taken by the motorcycle to cover this distance.

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

Question ID : 96234011420

Option 1 ID : 96234045680  
Option 2 ID : 96234045679  
Option 3 ID : 96234045678  
Option 4 ID : 96234045677  
Status : Answered  
Chosen Option : 4

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

Question ID : 96234011460  
Option 1 ID : 96234045839  
Option 2 ID : 96234045838  
Option 3 ID : 96234045840  
Option 4 ID : 96234045837  
Status : Answered  
Chosen Option : 2

Q.1  
6 The abbreviation AC in an engineering drawing stands for \_\_\_\_\_.

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

Question ID : 96234011397  
Option 1 ID : 96234045585  
Option 2 ID : 96234045587  
Option 3 ID : 96234045588  
Option 4 ID : 96234045586  
Status : Not Answered  
Chosen Option : --

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

- Ans
- 1. melting point
  - 2. latent heat
  - 3. regelation
  - 4. thermal conductivity

Question ID : 96234011404  
Option 1 ID : 96234045613  
Option 2 ID : 96234045615  
Option 3 ID : 96234045616  
Option 4 ID : 96234045614  
Status : Answered  
Chosen Option : 4

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

Question ID : 96234011469  
 Option 1 ID : 96234045874  
 Option 2 ID : 96234045873  
 Option 3 ID : 96234045875  
 Option 4 ID : 96234045876  
 Status : Answered  
 Chosen Option : 3

Q.1 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 flies 11 km east and turns right and flies 15 km. Where is F with respect to E?

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

Question ID : 96234011473  
 Option 1 ID : 96234045889  
 Option 2 ID : 96234045890  
 Option 3 ID : 96234045891  
 Option 4 ID : 96234045892  
 Status : Answered  
 Chosen Option : 4

Q.2 Which of the following options does not have an SI base unit?

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

Question ID : 96234011386  
 Option 1 ID : 96234045544  
 Option 2 ID : 96234045542  
 Option 3 ID : 96234045543  
 Option 4 ID : 96234045541  
 Status : Answered  
 Chosen Option : 1

Q.2 The effort applied to move a load is 15 units and the machine advantage is observed to be 3. Find the load.

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

Question ID : 96234011411  
 Option 1 ID : 96234045642  
 Option 2 ID : 96234045644  
 Option 3 ID : 96234045643  
 Option 4 ID : 96234045641

Q.2  
2 What is the unit's digit in  $3^{66} \times 6^{41} \times 7^{53}$

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

Question ID : 96234011427  
Option 1 ID : 96234045705  
Option 2 ID : 96234045708  
Option 3 ID : 96234045707  
Option 4 ID : 96234045706  
Status : Answered  
Chosen Option : 3

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

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

Question ID : 96234011435  
Option 1 ID : 96234045739  
Option 2 ID : 96234045738  
Option 3 ID : 96234045740  
Option 4 ID : 96234045737  
Status : Answered  
Chosen Option : 3

Q.2  
4 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. 4 km west
  - 2. 8 km east
  - 3. 8 km west
  - 4. 4 km east

Question ID : 96234011472  
Option 1 ID : 96234045888  
Option 2 ID : 96234045885  
Option 3 ID : 96234045886  
Option 4 ID : 96234045887  
Status : Answered  
Chosen Option : 2

Q.2  
5 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. Happy
  - 2. Sad
  - 3. Emotion
  - 4. Smile







Option 1 ID : 96234045802  
Option 2 ID : 96234045801  
Option 3 ID : 96234045804  
Option 4 ID : 96234045803  
Status : Answered  
Chosen Option : 2

Q.2  
6 Which Indian cricketer received the Padma Bhushan in 2018?

- Ans
- 1. Virat Kohli
  - 2. Saurav Ganguly
  - 3. Sachin Tendulkar
  - 4. MS Dhoni

Question ID : 96234011381  
Option 1 ID : 96234045521  
Option 2 ID : 96234045524  
Option 3 ID : 96234045523  
Option 4 ID : 96234045522  
Status : Answered  
Chosen Option : 4

Q.2  
7 Choose the figure that is different from the rest.

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

Question ID : 96234011471  
Option 1 ID : 96234045881  
Option 2 ID : 96234045883  
Option 3 ID : 96234045882  
Option 4 ID : 96234045884  
Status : Answered  
Chosen Option : 3

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

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

Question ID : 96234011456

Option 1 ID : 96234045821

Option 2 ID : 96234045822

Option 3 ID : 96234045823

Option 4 ID : 96234045824

Status : Answered

Chosen Option : 3

**Q.2** 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 9 450 Jkg<sup>-1</sup>K<sup>-1</sup>)?

Ans  1. 6000 J

2. 27 J

3. 2700 J

4. 270 J

Question ID : 96234011414

Option 1 ID : 96234045656

Option 2 ID : 96234045653

Option 3 ID : 96234045655

Option 4 ID : 96234045654

Status : Answered

Chosen Option : 3

**Q.3** If the width of a standard engineering drawing sheet is 841 mm, then its length would be \_\_\_\_\_ mm.

Ans  1. 1189

2. 1250

3. 1000

4. 1216

Question ID : 96234011398

Option 1 ID : 96234045592

Option 2 ID : 96234045591

Option 3 ID : 96234045589

Option 4 ID : 96234045590

Status : Answered

Chosen Option : 1

**Q.3** 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?

Ans  1. 10.71 days

2. 9.23 days

3. 10.91 days

4. 10.67 days

Question ID : 96234011448

Option 1 ID : 96234045790

Option 2 ID : 96234045791

Option 3 ID : 96234045792

Option 4 ID : 96234045789

Status : Answered

Chosen Option : 2

**Q.3** Two resistors, one of 12 Ω and the other of 24 Ω are connected in parallel. This combination is connected in series with a 22 Ω resistor and a 12 V battery. The current in the 12 Ω resistor is \_\_\_\_\_.

Ans  1. (8/15) A

2. (6/15) A

3. (2/15) A

4. (4/15) A

Question ID : 96234011416

Option 1 ID : 96234045664

Option 2 ID : 96234045663

Option 3 ID : 96234045661

Option 4 ID : 96234045662

Status : Not Answered

Chosen Option : --

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

Ans  1. 5 V

2. 15 V

3. 20 V

4. 10 V

Question ID : 96234011423

Option 1 ID : 96234045689

Option 2 ID : 96234045692

Option 3 ID : 96234045691

Option 4 ID : 96234045690

Status : Answered

Chosen Option : 4

Q.3 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?  
4

Ans  1. ₹10,000

2. ₹11,000

3. ₹10,800

4. ₹10,200

Question ID : 96234011429

Option 1 ID : 96234045714

Option 2 ID : 96234045713

Option 3 ID : 96234045715

Option 4 ID : 96234045716

Status : Answered

Chosen Option : 1

Q.3 Find the odd group of letters from the given alternatives.  
5

Ans  1. PQR

2. VWX

3. HJL

4. EFG

Question ID : 96234011467

Option 1 ID : 96234045865

Option 2 ID : 96234045867

Option 3 ID : 96234045866

Option 4 ID : 96234045868

Status : Answered

Chosen Option : 3

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

- Ans
- 1. 108
  - 2. 124
  - 3. 36
  - 4. 72

Question ID : 96234011419  
Option 1 ID : 96234045675  
Option 2 ID : 96234045676  
Option 3 ID : 96234045673  
Option 4 ID : 96234045674  
Status : Answered  
Chosen Option : 4

Q.3  
7 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. 0.5 A
  - 2. 2.5 A
  - 3. 3.5 A
  - 4. 1.5 A

Question ID : 96234011424  
Option 1 ID : 96234045693  
Option 2 ID : 96234045695  
Option 3 ID : 96234045696  
Option 4 ID : 96234045694  
Status : Answered  
Chosen Option : 4

Q.3  
8 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 : 96234011438  
Option 1 ID : 96234045750  
Option 2 ID : 96234045752  
Option 3 ID : 96234045749  
Option 4 ID : 96234045751  
Status : Answered  
Chosen Option : 1

Q.3  
9 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. 1,6,2,4,5,3
  - 2. 6,4,2,1,5,3
  - 3. 2,1,5,3,4,6
  - 4. 3,4,5,2,1,6

Question ID : 96234011461  
Option 1 ID : 96234045841  
Option 2 ID : 96234045844

Option 3 ID : 96234045842  
Option 4 ID : 96234045843  
Status : Answered  
Chosen Option : 2

Q.4 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. 9.6 minutes
  - 3. 9.4 minutes
  - 4. 9 minutes




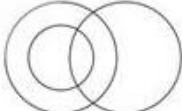
Question ID : 96234011443  
Option 1 ID : 96234045772  
Option 2 ID : 96234045769  
Option 3 ID : 96234045770  
Option 4 ID : 96234045771  
Status : Not Answered  
Chosen Option : --

Q.4 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.

- 1
- Ans
- 1. Venus
  - 2. Sun
  - 3. Moon
  - 4. Mercury

Question ID : 96234011388  
Option 1 ID : 96234045550  
Option 2 ID : 96234045549  
Option 3 ID : 96234045552  
Option 4 ID : 96234045551  
Status : Answered  
Chosen Option : 3

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

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

Question ID : 96234011464  
Option 1 ID : 96234045855  
Option 2 ID : 96234045854  
Option 3 ID : 96234045853

Option 4 ID : 96234045856  
Status : Answered  
Chosen Option : 1

Q.4 An object weighs X units on the earth. If we take the same object to the moon, its weight there will be \_\_\_\_\_.

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

Question ID : 96234011394  
Option 1 ID : 96234045576  
Option 2 ID : 96234045575  
Option 3 ID : 96234045574  
Option 4 ID : 96234045573  
Status : Answered  
Chosen Option : 3

Q.4 RK Narayan is famous for his book \_\_\_\_\_.

- 4  
Ans
- 1. A Suitable Boy
  - 2. The Toom on the Roof
  - 3. Malgudi Days
  - 4. Two Lives

Question ID : 96234011382  
Option 1 ID : 96234045528  
Option 2 ID : 96234045525  
Option 3 ID : 96234045527  
Option 4 ID : 96234045526  
Status : Answered  
Chosen Option : 3

Q.4 Molar specific heat capacity of a substance is \_\_\_\_\_.

- 5  
Ans
- 1.  $\left(\frac{1}{\mu}\right) \left(\frac{\Delta Q}{\Delta T}\right)$
  - 2.  $\mu \left(\frac{\Delta Q}{\Delta T}\right)$
  - 3.  $\left(\frac{1}{\mu}\right) \left(\frac{\Delta T}{\Delta Q}\right)$
  - 4.  $\mu \left(\frac{\Delta T}{\Delta Q}\right)$

Question ID : 96234011403  
Option 1 ID : 96234045611  
Option 2 ID : 96234045609  
Option 3 ID : 96234045610  
Option 4 ID : 96234045612  
Status : Not Answered  
Chosen Option : --

Q.4 If C S 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 S X & Y % Z mean?

- 6  
Ans
- 1. Z is father of W
  - 2. Z is mother of W

3. Z is daughter of W

4. Z is wife of W

Question ID : 96234011458

Option 1 ID : 96234045830

Option 2 ID : 96234045831

Option 3 ID : 96234045832

Option 4 ID : 96234045829

Status : Answered

Chosen Option : 1

Q.4  
7 If a body is NOT homogeneous, then its density is a function of its \_\_\_\_\_.

Ans  1. velocity

2. acceleration

3. pressure

4. position

Question ID : 96234011392

Option 1 ID : 96234045566

Option 2 ID : 96234045567

Option 3 ID : 96234045568

Option 4 ID : 96234045565

Status : Not Answered

Chosen Option : --

Q.4  
8 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 from  $x = 12.8$  m to  $x = 20.0$  m, its average velocity will be \_\_\_\_\_.

Ans  1. 7.2 m/s

2. 3.6 m/s

3. 8.8 m/s

4. 2.4 m/s

Question ID : 96234011413

Option 1 ID : 96234045651

Option 2 ID : 96234045650

Option 3 ID : 96234045652

Option 4 ID : 96234045649

Status : Not Answered

Chosen Option : --

Q.4  
9 How many medals did India win in Rio Olympics, 2016?

Ans  1. 2

2. 3

3. 5

4. 4

Question ID : 96234011376

Option 1 ID : 96234045504

Option 2 ID : 96234045503

Option 3 ID : 96234045502

Option 4 ID : 96234045501

Status : Answered

Chosen Option : 1

Q.5

0 If  $x = \sqrt{125} \times \sqrt{30} \times \sqrt{6}$ , then x is equal to:

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

Question ID : 96234011447

Option 1 ID : 96234045786

Option 2 ID : 96234045787

Option 3 ID : 96234045785

Option 4 ID : 96234045788

Status : Answered

Chosen Option : 1

Q.5 Unscramble the letters in the words given below and find the odd word out.

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

Question ID : 96234011462

Option 1 ID : 96234045848

Option 2 ID : 96234045846

Option 3 ID : 96234045847

Option 4 ID : 96234045845

Status : Not Answered

Chosen Option : --

Q.5 What is the curved surface area of a hemisphere whose radius is 7 cm? (take  $\pi = 22/7$ )

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

Question ID : 96234011433

Option 1 ID : 96234045731

Option 2 ID : 96234045730

Option 3 ID : 96234045732

Option 4 ID : 96234045729

Status : Answered

Chosen Option : 2

Q.5 If a machine overcomes a load 'L' and the distance travelled by the load is 'Ld', the work done by the load will be \_\_\_\_\_.

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

Question ID : 96234011410

Option 1 ID : 96234045640



Option 2 ID : 96234045637  
Option 3 ID : 96234045639  
Option 4 ID : 96234045638  
Status : Answered  
Chosen Option : 1

Q.5 What is the least number which when doubled is perfectly divisible by 7, 12 and 15?

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

Question ID : 96234011432  
Option 1 ID : 96234045727  
Option 2 ID : 96234045725  
Option 3 ID : 96234045728  
Option 4 ID : 96234045726  
Status : Answered  
Chosen Option : 2

Q.5 A brass rod (thermal conductivity  $109 \text{ J/s m K}$ ) has an area of cross section  $0.04 \text{ m}^2$  and length  $20 \text{ cm}$ . 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 \_\_\_\_\_.

- 5  
Ans  1.  $3.42 \text{ kJ/s}$   
 2.  $2.32 \text{ kJ/s}$   
 3.  $4.36 \text{ kJ/s}$   
 4.  $5.80 \text{ kJ/s}$

Question ID : 96234011415  
Option 1 ID : 96234045658  
Option 2 ID : 96234045657  
Option 3 ID : 96234045659  
Option 4 ID : 96234045660  
Status : Answered  
Chosen Option : 3

Q.5 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%?

- 6  
Ans  1. ₹2,040  
 2. ₹1,920  
 3. ₹2,000  
 4. ₹1,960

Question ID : 96234011430  
Option 1 ID : 96234045720  
Option 2 ID : 96234045717  
Option 3 ID : 96234045719  
Option 4 ID : 96234045718  
Status : Answered  
Chosen Option : 3

Q.5 The effort in a class 1 lever is in \_\_\_\_\_ direction(s).

- 7  
Ans  1. three  
 2. multiple  
 3. two

✓ 4. one

Question ID : 96234011412

Option 1 ID : 96234045647

Option 2 ID : 96234045645

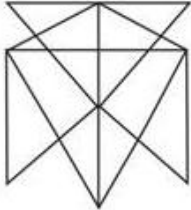
Option 3 ID : 96234045646

Option 4 ID : 96234045648

Status : Answered

Chosen Option : 3

Q.5  
8 What is the minimum number of lines required to make the given image?



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

Question ID : 96234011468

Option 1 ID : 96234045871

Option 2 ID : 96234045869

Option 3 ID : 96234045870

Option 4 ID : 96234045872

Status : Answered

Chosen Option : 1

Q.5  
9 \_\_\_\_\_ protection must be worn whenever noise levels exceed the noise exposure standard.

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

Question ID : 96234011406

Option 1 ID : 96234045621

Option 2 ID : 96234045624

Option 3 ID : 96234045622

Option 4 ID : 96234045623

Status : Answered

Chosen Option : 1

Q.6  
0 Velocity ratio of simple machine is the ratio of distance travelled by the \_\_\_\_\_ to the distance travelled by the \_\_\_\_\_ in the machine.

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

Question ID : 96234011409

Option 1 ID : 96234045636  
Option 2 ID : 96234045633  
Option 3 ID : 96234045634  
Option 4 ID : 96234045635  
Status : Answered  
Chosen Option : 3

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

1 OOOOXX, OOOOXX, OOOXXX, OOOXXX, ?

- Ans
- 1. XXXXXXX
  - 2. OOOXXXXX
  - 3. OXXXXXX
  - 4. OOOXXXX

Question ID : 96234011453  
Option 1 ID : 96234045811  
Option 2 ID : 96234045810  
Option 3 ID : 96234045809  
Option 4 ID : 96234045812  
Status : Answered  
Chosen Option : 3

Q.6 Which two signs should be interchanged to make the given equation correct?

2

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

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

Question ID : 96234011457  
Option 1 ID : 96234045827  
Option 2 ID : 96234045826  
Option 3 ID : 96234045825  
Option 4 ID : 96234045828  
Status : Answered  
Chosen Option : 2

Q.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

3

- Ans
- 1.  $Vit$
  - 2.  $Vi/t$
  - 3.  $V/it$
  - 4.  $1/Vit$

Question ID : 96234011421  
Option 1 ID : 96234045681  
Option 2 ID : 96234045683  
Option 3 ID : 96234045682  
Option 4 ID : 96234045684  
Status : Not Answered  
Chosen Option : --

Q.6 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.

4

- Ans
- 1. development
  - 2. dimensioning

✓ 3. projection

✗ 4. animation

Question ID : 96234011396

Option 1 ID : 96234045583

Option 2 ID : 96234045584

Option 3 ID : 96234045581

Option 4 ID : 96234045582

Status : Answered

Chosen Option : 3

Q.6  
5 JPEG stands for \_\_\_\_\_.

Ans ✗ 1. Joint Program Executing Group

✗ 2. Joint Program Experimental Group

✗ 3. Joint Program Experts Group

✓ 4. Joint Photographic Experts Group

Question ID : 96234011408

Option 1 ID : 96234045632

Option 2 ID : 96234045631

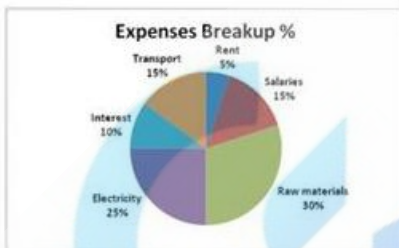
Option 3 ID : 96234045629

Option 4 ID : 96234045630

Status : Answered

Chosen Option : 4

Q.6  
6 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. ₹1,800

✗ 2. ₹9,000

✓ 3. ₹2,500

✗ 4. ₹5,000

Question ID : 96234011466

Option 1 ID : 96234045864

Option 2 ID : 96234045863

Option 3 ID : 96234045861

Option 4 ID : 96234045862

Status : Answered

Chosen Option : 3

Q.6  
7 A 4-digit number  $1xy7$  is divisible by 11. What is the value of  $x-y$ ?

Ans ✓ 1. - 6

2. - 2

3. - 8

4. - 4

Question ID : 96234011426

Option 1 ID : 96234045701

Option 2 ID : 96234045703

Option 3 ID : 96234045704

Option 4 ID : 96234045702

Status : Not Answered

Chosen Option : --

Q.6 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 : 96234011425

Option 1 ID : 96234045700

Option 2 ID : 96234045699

Option 3 ID : 96234045698

Option 4 ID : 96234045697

Status : Answered

Chosen Option : 1

Q.6 Name the scientist who discovered bacteria.

Ans  1. Robert Koch

2. Eugen Goldstein

3. James Chadwick

4. AV Leeuwenhoek

Question ID : 96234011378

Option 1 ID : 96234045509

Option 2 ID : 96234045511

Option 3 ID : 96234045510

Option 4 ID : 96234045512

Status : Answered

Chosen Option : 4

Q.7 Who was the first governor of the Reserve Bank of India?

Ans  1. HVR Iyengar

2. Sir James Braid Taylor

3. Sir Osborne A Smith

4. KR Puri

Question ID : 96234011384

Option 1 ID : 96234045536

Option 2 ID : 96234045535

Option 3 ID : 96234045534

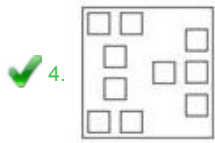
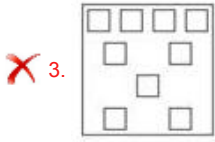
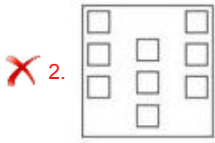
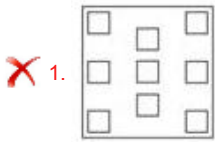
Option 4 ID : 96234045533

Status : Answered

Chosen Option : 3

Q.7  
1 Choose the figure that is different from the rest.

Ans



Question ID : 96234011470

Option 1 ID : 96234045878

Option 2 ID : 96234045877

Option 3 ID : 96234045879

Option 4 ID : 96234045880

Status : Answered

Chosen Option : 4

Q.7  
2 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.  $27R$

2.  $3R$

3.  $9R$

4.  $R$

Question ID : 96234011417

Option 1 ID : 96234045665

Option 2 ID : 96234045667

Option 3 ID : 96234045666

Option 4 ID : 96234045668

Status : Answered

Chosen Option : 1

Q.7  
3 You are given a question and two statements. Identify which of the statements is/are necessary/sufficient to answer the question.

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. II alone is sufficient while I alone is not sufficient

2. I alone is sufficient while II alone is not sufficient

3. Neither I nor II is sufficient

4. Either I or II is sufficient

Question ID : 96234011465

Option 1 ID : 96234045858

Option 2 ID : 96234045857

Option 3 ID : 96234045860

Option 4 ID : 96234045859  
Status : Answered  
Chosen Option : 1

Q.7 An airplane flies at the speed of 50 m/s. How much distance (in km) will it cover in a flight of 5 hours?

4

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

Question ID : 96234011434  
Option 1 ID : 96234045734  
Option 2 ID : 96234045733  
Option 3 ID : 96234045736  
Option 4 ID : 96234045735  
Status : Answered  
Chosen Option : 3

Q.7 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.

5

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

Question ID : 96234011474  
Option 1 ID : 96234045895  
Option 2 ID : 96234045896  
Option 3 ID : 96234045894  
Option 4 ID : 96234045893  
Status : Answered  
Chosen Option : 4

Q.7 If  $\sin \Theta = 15/17$ , then  $\cot \Theta = ?$

6

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

Question ID : 96234011441  
Option 1 ID : 96234045764  
Option 2 ID : 96234045762  
Option 3 ID : 96234045763  
Option 4 ID : 96234045761  
Status : Answered  
Chosen Option : 3

Q.7 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.

7 How much was the total money she had?

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

Question ID : 96234011431

Option 1 ID : 96234045724

Option 2 ID : 96234045721

Option 3 ID : 96234045722

Option 4 ID : 96234045723

Status : Answered

Chosen Option : 1

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

8

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

Question ID : 96234011377

Option 1 ID : 96234045506

Option 2 ID : 96234045505

Option 3 ID : 96234045507

Option 4 ID : 96234045508

Status : Answered

Chosen Option : 1

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

9

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

Question ID : 96234011428

Option 1 ID : 96234045712

Option 2 ID : 96234045709

Option 3 ID : 96234045711

Option 4 ID : 96234045710

Status : Not Answered

Chosen Option : --

Q.8 Identify the material having low coefficient of volume expansion

0

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

Question ID : 96234011401

Option 1 ID : 96234045603

Option 2 ID : 96234045601

Option 3 ID : 96234045602



Option 4 ID : 96234045604  
Status : Answered  
Chosen Option : 1

Q.8  
1  $\sec 45^\circ - \tan 60^\circ = ?$

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

Question ID : 96234011440  
Option 1 ID : 96234045760  
Option 2 ID : 96234045759  
Option 3 ID : 96234045757  
Option 4 ID : 96234045758  
Status : Answered  
Chosen Option : 4

Q.8  
2 A number is as much greater than 50 as it is lesser than 84. What is the number?

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

Question ID : 96234011436  
Option 1 ID : 96234045741  
Option 2 ID : 96234045743  
Option 3 ID : 96234045744  
Option 4 ID : 96234045742  
Status : Answered  
Chosen Option : 2

Q.8  
3 The volume of a given amount of water \_\_\_\_\_ between  $0^\circ \text{C}$  to  $4^\circ \text{C}$ .

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

Question ID : 96234011391  
Option 1 ID : 96234045563  
Option 2 ID : 96234045561  
Option 3 ID : 96234045564  
Option 4 ID : 96234045562  
Status : Answered  
Chosen Option : 2

Q.8  
4 In engineering drawing, the letters LH signifies \_\_\_\_\_.

- Ans
- 1. Level Hide
  - 2. Left Hand
  - 3. Low Heat

**X 4. Limit of Height**

Question ID : 96234011399

Option 1 ID : 96234045594

Option 2 ID : 96234045596

Option 3 ID : 96234045593

Option 4 ID : 96234045595

Status : Answered

Chosen Option : 2

**Q.8** What is 80% of 50% of 90?

5

Ans **X** 1. 30

**✓** 2. 36

**X** 3. 32

**X** 4. 34

Question ID : 96234011445

Option 1 ID : 96234045777

Option 2 ID : 96234045780

Option 3 ID : 96234045778

Option 4 ID : 96234045779

Status : Answered

Chosen Option : 2

**Q.8** 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 \_\_\_\_.

6

Ans **X** 1.  $R/2$

**✓** 2.  $2R$

**X** 3.  $4R$

**X** 4.  $R$

Question ID : 96234011422

Option 1 ID : 96234045685

Option 2 ID : 96234045687

Option 3 ID : 96234045688

Option 4 ID : 96234045686

Status : Answered

Chosen Option : 4

**Q.8** Kuchipudi has its roots in which Indian State?

7

Ans **X** 1. Arunachal Pradesh

**X** 2. Himachal Pradesh

**✓** 3. Andhra Pradesh

**X** 4. Kerala

Question ID : 96234011385

Option 1 ID : 96234045537

Option 2 ID : 96234045540

Option 3 ID : 96234045538

Option 4 ID : 96234045539

Status : Answered

Chosen Option : 4

**Q.8** Safety boots or shoes must be worn in designated areas to protect your \_\_\_\_\_ from falling objects.

8

Ans **X** 1. ear

- 2. eye
- 3. feet
- 4. head

Question ID : 96234011405  
Option 1 ID : 96234045617  
Option 2 ID : 96234045618  
Option 3 ID : 96234045619  
Option 4 ID : 96234045620  
Status : Answered  
Chosen Option : 3

Q.8 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.  $\frac{21}{4}$  minutes
  - 2.  $\frac{20}{3}$  minutes
  - 3. 6 minutes
  - 4. 7 minutes

Question ID : 96234011442  
Option 1 ID : 96234045768  
Option 2 ID : 96234045766  
Option 3 ID : 96234045767  
Option 4 ID : 96234045765  
Status : Answered  
Chosen Option : 2

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

- Ans
- 1. Arabic
  - 2. Maratha
  - 3. Buddhist
  - 4. Islamic

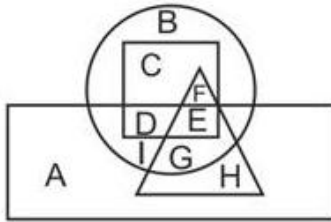
Question ID : 96234011380  
Option 1 ID : 96234045520  
Option 2 ID : 96234045517  
Option 3 ID : 96234045518  
Option 4 ID : 96234045519  
Status : Answered  
Chosen Option : 3

Q.9 Identify the material having high coefficient of volume expansion.

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

Question ID : 96234011400  
Option 1 ID : 96234045600  
Option 2 ID : 96234045597  
Option 3 ID : 96234045599  
Option 4 ID : 96234045598  
Status : Not Answered

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

Question ID : 96234011463

Option 1 ID : 96234045849

Option 2 ID : 96234045851

Option 3 ID : 96234045850

Option 4 ID : 96234045852

Status : Answered

Chosen Option : 3

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

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

Question ID : 96234011418

Option 1 ID : 96234045670

Option 2 ID : 96234045672

Option 3 ID : 96234045671

Option 4 ID : 96234045669

Status : Answered

Chosen Option : 4

- Q.9  
4 A software program that has been developed to harm other computers is called a/an \_\_\_\_\_.

- Ans
- 1. LAN
  - 2. server
  - 3. malware
  - 4. operating system

Question ID : 96234011407

Option 1 ID : 96234045628

Option 2 ID : 96234045627

Option 3 ID : 96234045625

Option 4 ID : 96234045626

Status : Answered

Chosen Option : 3

Q.9  
5 86°F is equal to \_\_\_\_\_ .

- Ans
- 1. 30°C
  - 2. 20°C
  - 3. 34°C
  - 4. 10°C

Question ID : 96234011402

Option 1 ID : 96234045607

Option 2 ID : 96234045606

Option 3 ID : 96234045608

Option 4 ID : 96234045605

Status : Answered

Chosen Option : 1

Q.9  
6 Where is the Headquarters of UNESCO located?

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

Question ID : 96234011383

Option 1 ID : 96234045531

Option 2 ID : 96234045529

Option 3 ID : 96234045532

Option 4 ID : 96234045530

Status : Answered

Chosen Option : 3

Q.9  
7 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. 5
  - 4. 2

Question ID : 96234011444

Option 1 ID : 96234045775

Option 2 ID : 96234045773

Option 3 ID : 96234045776

Option 4 ID : 96234045774

Status : Answered

Chosen Option : 2

Q.9  
8 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 : 96234011459

Option 1 ID : 96234045834

Option 2 ID : 96234045835

Option 3 ID : 96234045833  
Option 4 ID : 96234045836  
Status : Answered  
Chosen Option : 1

Q.9 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'.

9

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

Question ID : 96234011455  
Option 1 ID : 96234045818  
Option 2 ID : 96234045817  
Option 3 ID : 96234045819  
Option 4 ID : 96234045820  
Status : Answered  
Chosen Option : 4

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

00

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

Question ID : 96234011379  
Option 1 ID : 96234045513  
Option 2 ID : 96234045516  
Option 3 ID : 96234045514  
Option 4 ID : 96234045515  
Status : Not Answered  
Chosen Option : --

Section : Mechanic Diesel

Q.1 A cylinder block of a two wheeler engine is generally made up of which metal?

- Ans
- 1. Cast iron
  - 2. Copper
  - 3. Aluminium
  - 4. Iron

Question ID : 96234011480  
Option 1 ID : 96234045919  
Option 2 ID : 96234045920  
Option 3 ID : 96234045917  
Option 4 ID : 96234045918  
Status : Answered  
Chosen Option : 1

Q.2 Where is a thermostat valve connected in a pressured water cooling system?

- Ans
- 1. Water jacket
  - 2. Water outlet elbow

- 3. Water pump inlet
- 4. Below the radiator

Question ID : 96234011532  
Option 1 ID : 96234046127  
Option 2 ID : 96234046126  
Option 3 ID : 96234046125  
Option 4 ID : 96234046128  
Status : Answered  
Chosen Option : 3

Q.3 Where is the temperature gauge located in a vehicle, which indicates the temperature of the engine's coolant or water?

- Ans
- 1. Steering
  - 2. Radiator
  - 3. Engine
  - 4. Dashboard

Question ID : 96234011539  
Option 1 ID : 96234046153  
Option 2 ID : 96234046156  
Option 3 ID : 96234046155  
Option 4 ID : 96234046154  
Status : Answered  
Chosen Option : 4

Q.4 Which type of fuel feed pump is used in conventional inline fuel injection pumps?

- Ans
- 1. Gear type
  - 2. Plunger type
  - 3. Vane type
  - 4. Electrical type

Question ID : 96234011546  
Option 1 ID : 96234046183  
Option 2 ID : 96234046181  
Option 3 ID : 96234046182  
Option 4 ID : 96234046184  
Status : Answered  
Chosen Option : 1

Q.5 How much more power is available in an engine after fitting the turbo super charger?

- Ans
- 1. 50% to 60%
  - 2. 20% to 30%
  - 3. 10% to 15%
  - 4. 25% to 40%

Question ID : 96234011523  
Option 1 ID : 96234046092  
Option 2 ID : 96234046090  
Option 3 ID : 96234046089  
Option 4 ID : 96234046091  
Status : Not Answered  
Chosen Option : --

Q.6 Compression pressure of a diesel engine is \_\_\_\_\_

- Ans
- 1. 200 to 400 PSI
  - 2. 150 to 180 PSI
  - 3. 350 to 450 PSI
  - 4. 450 to 600 PSI

Question ID : 96234011504  
Option 1 ID : 96234046016  
Option 2 ID : 96234046015  
Option 3 ID : 96234046014  
Option 4 ID : 96234046013  
Status : Answered  
Chosen Option : 2

Q.7 Which metal is a radiator generally made up of?

- Ans
- 1. Steel
  - 2. Copper
  - 3. Iron
  - 4. Cast iron

Question ID : 96234011531  
Option 1 ID : 96234046124  
Option 2 ID : 96234046121  
Option 3 ID : 96234046122  
Option 4 ID : 96234046123  
Status : Answered  
Chosen Option : 2

Q.8 The gap between the inside diameter of an installed bearing and the outside diameter of the crankshaft journal is called \_\_\_\_\_.

- Ans
- 1. Valve clearance
  - 2. Part clearance
  - 3. Oil clearance
  - 4. Tappet clearance

Question ID : 96234011541  
Option 1 ID : 96234046163  
Option 2 ID : 96234046161  
Option 3 ID : 96234046162  
Option 4 ID : 96234046164  
Status : Not Answered  
Chosen Option : --

Q.9 How many compression rings are fitted in a piston for proper functioning of a compression stroke?

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

Question ID : 96234011487  
Option 1 ID : 96234045947  
Option 2 ID : 96234045945  
Option 3 ID : 96234045946  
Option 4 ID : 96234045948  
Status : Answered  
Chosen Option : 2



Q.1  
0 In a diesel engine during the exhaust stroke, what is emitted out of the tail pipe?

- Ans
- 1. NO<sub>x</sub>
  - 2. CO<sub>2</sub>
  - 3. CO
  - 4. N<sub>2</sub>

Question ID : 96234011508

Option 1 ID : 96234046032

Option 2 ID : 96234046029

Option 3 ID : 96234046030

Option 4 ID : 96234046031

Status : Answered

Chosen Option : 3

Q.1  
1 The small hole present on the body of a pintaux nozzle is called:

- Ans
- 1. the main hole
  - 2. the sub-hole
  - 3. the auxiliary hole
  - 4. the vibrated hole

Question ID : 96234011537

Option 1 ID : 96234046147

Option 2 ID : 96234046148

Option 3 ID : 96234046146

Option 4 ID : 96234046145

Status : Not Answered

Chosen Option : --

Q.1  
2 In which of the following circuits, a solenoid switch is used?

- Ans
- 1. Charging circuit
  - 2. Electrical circuit
  - 3. Starting circuit
  - 4. Ignition circuit

Question ID : 96234011481

Option 1 ID : 96234045923

Option 2 ID : 96234045924

Option 3 ID : 96234045922

Option 4 ID : 96234045921

Status : Answered

Chosen Option : 4

Q.1  
3 Quantity of fuel and its timing is controlled by \_\_\_\_\_.

- Ans
- 1. Feed Pump
  - 2. Oil pump
  - 3. Fuel Injection Pump
  - 4. AC mechanical fuel pump

Question ID : 96234011493

Option 1 ID : 96234045969

Option 2 ID : 96234045972

Option 3 ID : 96234045970  
Option 4 ID : 96234045971  
Status : Answered  
Chosen Option : 3

Q.1  
4 A commutator is made of which of the following?

- Ans
- 1. Aluminium segments
  - 2. Iron segments
  - 3. Brass segments
  - 4. Copper segments

Question ID : 96234011550  
Option 1 ID : 96234046200  
Option 2 ID : 96234046197  
Option 3 ID : 96234046198  
Option 4 ID : 96234046199  
Status : Not Answered  
Chosen Option : --

Q.1  
5 Valve clearance is also called as \_\_\_\_\_.

- Ans
- 1. tappet lifting
  - 2. valve lifter
  - 3. tappet
  - 4. tappet clearance

Question ID : 96234011529  
Option 1 ID : 96234046116  
Option 2 ID : 96234046115  
Option 3 ID : 96234046113  
Option 4 ID : 96234046114  
Status : Answered  
Chosen Option : 4

Q.1  
6 Which part of a sump in an engine indicates the level of the oil?

- Ans
- 1. Feeler gauge
  - 2. Plastic gauge
  - 3. Dip stick
  - 4. Oil pressure gauge

Question ID : 96234011533  
Option 1 ID : 96234046129  
Option 2 ID : 96234046130  
Option 3 ID : 96234046132  
Option 4 ID : 96234046131  
Status : Answered  
Chosen Option : 3

Q.1  
7 Main function of a lubricant is to \_\_\_\_\_.

- Ans
- 1. maintain wetness between two moving parts.
  - 2. To improve the aesthetic look of the parts

3.

To increase the hardness of the parts with which it is in contact

4. minimise the friction between two moving parts.

Question ID : 96234011534

Option 1 ID : 96234046136

Option 2 ID : 96234046133

Option 3 ID : 96234046134

Option 4 ID : 96234046135

Status : Answered

Chosen Option : 4

Q.1  
8 During the compression stroke in four-stroke cycle engine \_\_\_\_\_.

- Ans
- 1. both the valves close
  - 2. inlet opens, exhaust closes
  - 3. both the valves open
  - 4. exhaust opens and inlet closes

Question ID : 96234011506

Option 1 ID : 96234046022

Option 2 ID : 96234046023

Option 3 ID : 96234046021

Option 4 ID : 96234046024

Status : Answered

Chosen Option : 1

Q.1  
9 Compression ratio of a diesel engine is \_\_\_\_\_

- Ans
- 1. 24 : 1 to 30 : 1
  - 2. 15 : 1 to 19 : 1
  - 3. 10 : 1 to 12 : 1
  - 4. 16 : 1 to 24 : 1

Question ID : 96234011505

Option 1 ID : 96234046018

Option 2 ID : 96234046020

Option 3 ID : 96234046017

Option 4 ID : 96234046019

Status : Answered

Chosen Option : 4

Q.2  
0 Which of the following is NOT a property of a lubricant?

- Ans
- 1. Ash point
  - 2. Flash point
  - 3. Pour point
  - 4. Fire point

Question ID : 96234011490

Option 1 ID : 96234045957

Option 2 ID : 96234045958

Option 3 ID : 96234045960

Option 4 ID : 96234045959

Status : Answered

Chosen Option : 1

Q.2  
1 Pre-combustion chambers are used in which of the following?

- Ans
- 1. Direct injection (DI) engines
  - 2. Indirect injection (IDI) engines
  - 3. Multi-point fuel injection (MPFI) engines
  - 4. Common rail direct injection (CRDi) engines

Question ID : 96234011545  
Option 1 ID : 96234046177  
Option 2 ID : 96234046178  
Option 3 ID : 96234046179  
Option 4 ID : 96234046180

Status : Not Answered  
Chosen Option : --

Q.2  
2 A pressure relief valve is fitted in between a/an \_\_\_\_\_.

- Ans
- 1. oil pump and filter
  - 2. oil strainer and filter
  - 3. oil strainer and oil pump
  - 4. main oil gallery and filter

Question ID : 96234011516  
Option 1 ID : 96234046063  
Option 2 ID : 96234046062  
Option 3 ID : 96234046061  
Option 4 ID : 96234046064

Status : Answered  
Chosen Option : 1

Q.2  
3 SAE stands for \_\_\_\_\_.

- Ans
- 1. Society of American Engineer
  - 2. Society of Atomic Energy
  - 3. Society of Automobile Industry
  - 4. Society of Automobile Engineer

Question ID : 96234011515  
Option 1 ID : 96234046059  
Option 2 ID : 96234046057  
Option 3 ID : 96234046058  
Option 4 ID : 96234046060

Status : Answered  
Chosen Option : 4

Q.2  
4 The meaning of calibration of injection pump is that what a plunger supply in full quantity to cylinders. Choose the best option among the following.

- Ans
- 1. Power
  - 2. Fuel
  - 3. Compression
  - 4. Pressure

Question ID : 96234011543  
Option 1 ID : 96234046172

Option 2 ID : 96234046170  
Option 3 ID : 96234046171  
Option 4 ID : 96234046169  
Status : Answered  
Chosen Option : 2

Q.2  
5 Generally the piston rings are made of \_\_\_\_\_.

- Ans
- 1. cast iron
  - 2. wrought iron
  - 3. high carbon steel
  - 4. medium carbon steel

Question ID : 96234011524  
Option 1 ID : 96234046094  
Option 2 ID : 96234046093  
Option 3 ID : 96234046096  
Option 4 ID : 96234046095  
Status : Answered  
Chosen Option : 1

Q.2  
6 Which filtering material is used in a secondary fuel filter?

- Ans
- 1. Plastic
  - 2. Felt
  - 3. Cloth
  - 4. Paper

Question ID : 96234011536  
Option 1 ID : 96234046143  
Option 2 ID : 96234046142  
Option 3 ID : 96234046144  
Option 4 ID : 96234046141  
Status : Answered  
Chosen Option : 4

Q.2  
7 Which type of regulator is used in an alternator?

- Ans
- 1. Cut out regulator
  - 2. Sealed regulator
  - 3. Open type
  - 4. Charging regulator

Question ID : 96234011496  
Option 1 ID : 96234045982  
Option 2 ID : 96234045983  
Option 3 ID : 96234045981  
Option 4 ID : 96234045984  
Status : Not Answered  
Chosen Option : --

Q.2  
8 A secondary filter of a diesel fuel system is made by which material?

- Ans
- 1. Cotton
  - 2. Brass
  - 3. Paper

4. Bronze

Question ID : 96234011494

Option 1 ID : 96234045976

Option 2 ID : 96234045974

Option 3 ID : 96234045975

Option 4 ID : 96234045973

Status : Answered

Chosen Option : 3

Q.2  
9 A turbo charger is driven by whom?

Ans  1. Crank pulley

2. Exhaust gas pressure

3. Cam shaft

4. Gear box

Question ID : 96234011492

Option 1 ID : 96234045965

Option 2 ID : 96234045968

Option 3 ID : 96234045966

Option 4 ID : 96234045967

Status : Answered

Chosen Option : 2

Q.3  
0 A wet type air cleaner is also known as a/an \_\_\_\_\_.

Ans  1. oil bath air cleaner

2. paper type air cleaner

3. cloth type air cleaner

4. dry type air cleaner

Question ID : 96234011517

Option 1 ID : 96234046065

Option 2 ID : 96234046067

Option 3 ID : 96234046068

Option 4 ID : 96234046066

Status : Answered

Chosen Option : 1

Q.3  
1 Connecting rod is made of which material?

Ans  1. Aluminium

2. Cast iron

3. Iron

4. Forged steel

Question ID : 96234011488

Option 1 ID : 96234045951

Option 2 ID : 96234045949

Option 3 ID : 96234045952

Option 4 ID : 96234045950

Status : Answered

Chosen Option : 4

Q.3  
2 Valve spring tension test is conducted by which equipment?

Ans  1. Spring tension tester

2. Scale

3. Hydraulic press

4. Torque wrench

Question ID : 96234011486

Option 1 ID : 96234045943

Option 2 ID : 96234045944

Option 3 ID : 96234045942

Option 4 ID : 96234045941

Status : Not Answered

Chosen Option : --

Q.3  
3 Allen key is also known as a/an \_\_\_\_\_.

Ans  1. hollow set screw wrench

2. open end wrench

3. pipe wrench

4. adjustable wrench

Question ID : 96234011498

Option 1 ID : 96234045990

Option 2 ID : 96234045989

Option 3 ID : 96234045991

Option 4 ID : 96234045992

Status : Not Answered

Chosen Option : --

Q.3  
4 A four-stroke cycle engine produces one power stroke in \_\_\_\_\_.

Ans  1. four revolutions of a crankshaft

2. two revolutions of a crankshaft

3. three revolutions of a crankshaft

4. one revolution of a crankshaft

Question ID : 96234011507

Option 1 ID : 96234046028

Option 2 ID : 96234046025

Option 3 ID : 96234046027

Option 4 ID : 96234046026

Status : Answered

Chosen Option : 2

Q.3  
5 The exhaust manifold is connected to the cylinder head of an engine by \_\_\_\_\_.

Ans  1. a cork sheet gasket

2. a copper gasket

3. a fibre gasket

4. an asbestos gasket

Question ID : 96234011544

Option 1 ID : 96234046174

Option 2 ID : 96234046173

Option 3 ID : 96234046175

Option 4 ID : 96234046176

Q.3  
6 The material of an inlet valve is \_\_\_\_\_.

- Ans
- 1. chrome vanadium steel
  - 2. silicon chrome alloy
  - 3. stainless steel
  - 4. nickel chromium alloy steel

Question ID : 96234011509  
Option 1 ID : 96234046035  
Option 2 ID : 96234046033  
Option 3 ID : 96234046036  
Option 4 ID : 96234046034  
Status : Answered  
Chosen Option : 2

Q.3  
7 What that period is called in which both, the exhaust valve and the inlet valve remain open?

- Ans
- 1. Open lap
  - 2. Over lap
  - 3. Closed lap
  - 4. Over sap

Question ID : 96234011527  
Option 1 ID : 96234046105  
Option 2 ID : 96234046108  
Option 3 ID : 96234046107  
Option 4 ID : 96234046106  
Status : Answered  
Chosen Option : 2

Q.3  
8 The simplest type of a seam is a \_\_\_\_\_.

- Ans
- 1. double seam
  - 2. double groove seam
  - 3. groove seam
  - 4. lap seam

Question ID : 96234011500  
Option 1 ID : 96234045998  
Option 2 ID : 96234046000  
Option 3 ID : 96234045997  
Option 4 ID : 96234045999  
Status : Not Answered  
Chosen Option : --

Q.3  
9 In an alternator, which part converts AC to DC supply?

- Ans
- 1. Commutator
  - 2. Pole shoe
  - 3. Diode rectifier
  - 4. Carbon brush



Question ID : 96234011521  
Option 1 ID : 96234046084  
Option 2 ID : 96234046083  
Option 3 ID : 96234046082  
Option 4 ID : 96234046081  
Status : Answered  
Chosen Option : 3

Q.4  
0 The firing order of a four-cylinder engine is \_\_\_\_\_

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

Question ID : 96234011513  
Option 1 ID : 96234046049  
Option 2 ID : 96234046050  
Option 3 ID : 96234046052  
Option 4 ID : 96234046051  
Status : Answered  
Chosen Option : 4

Q.4  
1 Clutch is a part of:

- Ans
- 1. the lubrication system
  - 2. the transmission system
  - 3. the exhaust system
  - 4. the suspension system

Question ID : 96234011548  
Option 1 ID : 96234046190  
Option 2 ID : 96234046191  
Option 3 ID : 96234046192  
Option 4 ID : 96234046189  
Status : Answered  
Chosen Option : 2

Q.4  
2 Which type of thermostat is most commonly used in modern automobiles?

- Ans
- 1. Bellow type
  - 2. Bi-metal type
  - 3. Wax type
  - 4. Plunger type

Question ID : 96234011540  
Option 1 ID : 96234046157  
Option 2 ID : 96234046158  
Option 3 ID : 96234046159  
Option 4 ID : 96234046160  
Status : Answered  
Chosen Option : 1

Q.4  
3 In a turbocharger, the turbine wheel housing is connected to:

- Ans
- 1. the flywheel side

- 2. the front of the engine block
- 3. the intake manifold
- 4. the exhaust manifold

Question ID : 96234011547  
Option 1 ID : 96234046187  
Option 2 ID : 96234046186  
Option 3 ID : 96234046185  
Option 4 ID : 96234046188  
Status : Answered  
Chosen Option : 4

Q.4  
4 What is the task of an EGR valve?

- Ans
- 1. To reduce HC
  - 2. To reduce NO<sub>x</sub>
  - 3. To reduce CO<sub>2</sub>
  - 4. To reduce N<sub>2</sub>

Question ID : 96234011520  
Option 1 ID : 96234046080  
Option 2 ID : 96234046079  
Option 3 ID : 96234046078  
Option 4 ID : 96234046077  
Status : Not Answered  
Chosen Option : --

Q.4  
5 Opening and closing of valves in relation to piston movement is called \_\_\_\_\_.

- Ans
- 1. valve relacing
  - 2. valve grinding
  - 3. valve lapping
  - 4. valve timing

Question ID : 96234011512  
Option 1 ID : 96234046046  
Option 2 ID : 96234046048  
Option 3 ID : 96234046045  
Option 4 ID : 96234046047  
Status : Answered  
Chosen Option : 4

Q.4  
6 The two screws fitted over the fuel filter are called \_\_\_\_\_.

- Ans
- 1. knurling screws
  - 2. bleeding screws
  - 3. cutting screws
  - 4. feeding screws

Question ID : 96234011538  
Option 1 ID : 96234046152  
Option 2 ID : 96234046149  
Option 3 ID : 96234046151  
Option 4 ID : 96234046150  
Status : Answered

Q.4  
7 How a turbine is rotated in a turbo-charger?

- Ans
- 1. By Exit gases from muffler
  - 2. By Exit gases from tail pipe
  - 3. By exhaust gas of exhaust manifold
  - 4. By gases from catalytic converter

Question ID : 96234011522

Option 1 ID : 96234046085

Option 2 ID : 96234046087

Option 3 ID : 96234046086

Option 4 ID : 96234046088

Status : Answered

Chosen Option : 3

Q.4  
8 What is the full form of CRDI?

- Ans
- 1. Common Rail Duo Injection
  - 2. Common Rail Direct Injection
  - 3. Common Rail Dual Injection
  - 4. Common Rail Digital Injection

Question ID : 96234011519

Option 1 ID : 96234046075

Option 2 ID : 96234046076

Option 3 ID : 96234046073

Option 4 ID : 96234046074

Status : Answered

Chosen Option : 2

Q.4  
9 The ratio of total volume of cylinder to its clearance volume is known as \_\_\_\_\_.

- Ans
- 1. compression ratio
  - 2. clearance volume
  - 3. swept volume
  - 4. compression pressure

Question ID : 96234011511

Option 1 ID : 96234046041

Option 2 ID : 96234046043

Option 3 ID : 96234046044

Option 4 ID : 96234046042

Status : Answered

Chosen Option : 1

Q.5  
0 Inline engines give better balancing and more uniform \_\_\_\_\_.

- Ans
- 1. torque
  - 2. efficiency
  - 3. energy
  - 4. speed

Question ID : 96234011502

Option 1 ID : 96234046007

Option 2 ID : 96234046008

Option 3 ID : 96234046006

Option 4 ID : 96234046005

Status : Answered

Chosen Option : 1

Q.5  
1 Which type of oil pump is used in stationary diesel engines?

- Ans
- 1. Rotary type
  - 2. Plunger type
  - 3. Vane type
  - 4. Gear type

Question ID : 96234011542

Option 1 ID : 96234046167

Option 2 ID : 96234046165

Option 3 ID : 96234046168

Option 4 ID : 96234046166

Status : Not Answered

Chosen Option : --

Q.5  
2 In which type of a lubrication system, oil pump lifts the oil from a sump and passes it into a filter and then into the main galley?

- Ans
- 1. Petrol mix lubrication
  - 2. Full flow
  - 3. Bypass
  - 4. Gravity feed lubrication

Question ID : 96234011491

Option 1 ID : 96234045962

Option 2 ID : 96234045964

Option 3 ID : 96234045961

Option 4 ID : 96234045963

Status : Not Answered

Chosen Option : --

Q.5  
3 Ring expander tool is used for fitting a \_\_\_\_\_.

- Ans
- 1. piston ring
  - 2. connecting rod
  - 3. crankshaft
  - 4. piston

Question ID : 96234011483

Option 1 ID : 96234045931

Option 2 ID : 96234045932

Option 3 ID : 96234045930

Option 4 ID : 96234045929

Status : Answered

Chosen Option : 1

Q.5  
4 In the common rail direct injection system, the injectors are opened and closed by:

- Ans
- 1. a reed valve

- 2. a CB point
- 3. a poppet valve
- 4. a solenoid valve

Question ID : 96234011549  
Option 1 ID : 96234046195  
Option 2 ID : 96234046196  
Option 3 ID : 96234046194  
Option 4 ID : 96234046193  
Status : Not Answered  
Chosen Option : --

Q.5  
5 How are exhaust gases emitted out of the oil sump in diesel engines?

- Ans
- 1. Through the oil cooler
  - 2. Through the oil filter
  - 3. Through the air cleaner
  - 4. Through the breather pipe

Question ID : 96234011535  
Option 1 ID : 96234046140  
Option 2 ID : 96234046139  
Option 3 ID : 96234046138  
Option 4 ID : 96234046137  
Status : Answered  
Chosen Option : 4

Q.5  
6 A valve seat is ground by which equipment?

- Ans
- 1. Surface grinder
  - 2. Portable grinder
  - 3. Grinder
  - 4. Special type of valve seat refacer

Question ID : 96234011485  
Option 1 ID : 96234045940  
Option 2 ID : 96234045938  
Option 3 ID : 96234045937  
Option 4 ID : 96234045939  
Status : Not Answered  
Chosen Option : --

Q.5  
7 The time before which the valve opens is called \_\_\_\_\_

- Ans
- 1. Lapping
  - 2. Valve lead
  - 3. Over lap
  - 4. Valve gap

Question ID : 96234011477  
Option 1 ID : 96234045905  
Option 2 ID : 96234045907  
Option 3 ID : 96234045908  
Option 4 ID : 96234045906  
Status : Answered

Q.5  
8 On which angle a valve is generally placed on head?

- Ans
- 1. 30°
  - 2. 45°
  - 3. 15°
  - 4. 90°

Question ID : 96234011530

Option 1 ID : 96234046118

Option 2 ID : 96234046119

Option 3 ID : 96234046117

Option 4 ID : 96234046120

Status : Answered

Chosen Option : 2

Q.5  
9 The distance between the centre line of front & rear wheels from side view is \_\_\_\_\_.

- Ans
- 1. Wheel base
  - 2. Rear overhung
  - 3. Wheel track
  - 4. Front Overhung

Question ID : 96234011497

Option 1 ID : 96234045988

Option 2 ID : 96234045987

Option 3 ID : 96234045985

Option 4 ID : 96234045986

Status : Answered

Chosen Option : 1

Q.6  
0 When a piston is at BDC, the clearance between cylinder head to piston head is known as \_\_\_\_\_

- Ans
- 1. clearance volume
  - 2. piston displacement
  - 3. swept volume
  - 4. total volume

Question ID : 96234011510

Option 1 ID : 96234046037

Option 2 ID : 96234046039

Option 3 ID : 96234046038

Option 4 ID : 96234046040

Status : Answered

Chosen Option : 1

Q.6  
1 When a valve stays open late it is known as \_\_\_\_\_.

- Ans
- 1. valve overlap
  - 2. valve lag
  - 3. valve lead
  - 4. valve duration

Question ID : 96234011484

Option 1 ID : 96234045935

Option 2 ID : 96234045934  
Option 3 ID : 96234045933  
Option 4 ID : 96234045936  
Status : Answered  
Chosen Option : 2

Q.6  
2 For cleaning the dirt on a welding bead, which tool is used?

- Ans
- 1. Chipping hammer
  - 2. Brush
  - 3. Painting brush
  - 4. Hammer

Question ID : 96234011482  
Option 1 ID : 96234045927  
Option 2 ID : 96234045926  
Option 3 ID : 96234045928  
Option 4 ID : 96234045925  
Status : Not Answered  
Chosen Option : --

Q.6  
3 In a water cooling system the thermostat opens at \_\_\_\_\_

- Ans
- 1. 100° C
  - 2. 90° C
  - 3. 85° C
  - 4. 91° C

Question ID : 96234011514  
Option 1 ID : 96234046055  
Option 2 ID : 96234046053  
Option 3 ID : 96234046054  
Option 4 ID : 96234046056  
Status : Answered  
Chosen Option : 3

Q.6  
4 A \_\_\_\_\_ is used to check the specific gravity of a battery.

- Ans
- 1. voltmeter
  - 2. multimeter
  - 3. hydrometer
  - 4. cell tester

Question ID : 96234011501  
Option 1 ID : 96234046001  
Option 2 ID : 96234046004  
Option 3 ID : 96234046003  
Option 4 ID : 96234046002  
Status : Answered  
Chosen Option : 3

Q.6  
5 What is the name of the middle part of a connecting rod which connects the head and the big end?

- Ans
- 1. Neck
  - 2. Shank
  - 3. Tank

4. Mack

Question ID : 96234011528

Option 1 ID : 96234046111

Option 2 ID : 96234046109

Option 3 ID : 96234046110

Option 4 ID : 96234046112

Status : Answered

Chosen Option : 2

Q.6  
6 Which engine has a maximum fuel efficiency?

- Ans
- 1. Radial engine
  - 2. Inline engine
  - 3. 'V' engine
  - 4. Opposed engine

Question ID : 96234011503

Option 1 ID : 96234046011

Option 2 ID : 96234046010

Option 3 ID : 96234046009

Option 4 ID : 96234046012

Status : Answered

Chosen Option : 1

Q.6  
7 Which type of starting system needs compressed air?

- Ans
- 1. Air starting method
  - 2. Manual starting method
  - 3. Gasoline engine starting method
  - 4. Electric starting method

Question ID : 96234011495

Option 1 ID : 96234045979

Option 2 ID : 96234045977

Option 3 ID : 96234045980

Option 4 ID : 96234045978

Status : Answered

Chosen Option : 1

Q.6  
8 A cylinder block manufactured in a single piece is called a \_\_\_\_\_.

- Ans
- 1. Inverted Cylinder
  - 2. Try cylinder
  - 3. Monoblock cylinder
  - 4. Flat Cylinder

Question ID : 96234011525

Option 1 ID : 96234046099

Option 2 ID : 96234046100

Option 3 ID : 96234046098

Option 4 ID : 96234046097

Status : Answered

Chosen Option : 3



9 Which tool should be used for fitting a ring in a piston?

- Ans
- 1. Ring expander tool
  - 2. Pipe wrench
  - 3. Ring screwdriver
  - 4. Plier

Question ID : 96234011526  
Option 1 ID : 96234046102  
Option 2 ID : 96234046103  
Option 3 ID : 96234046101  
Option 4 ID : 96234046104  
Status : Answered  
Chosen Option : 1

Q.7  
0 The portion which joins a main journal and a crankpin is called the \_\_\_\_\_

- Ans
- 1. web
  - 2. balance weight
  - 3. throw
  - 4. crank Journal

Question ID : 96234011489  
Option 1 ID : 96234045956  
Option 2 ID : 96234045954  
Option 3 ID : 96234045953  
Option 4 ID : 96234045955  
Status : Answered  
Chosen Option : 1

Q.7  
1 The distance travelled by a piston from TDC to BDC is called \_\_\_\_\_.

- Ans
- 1. cubic capacity
  - 2. clearance volume
  - 3. swept volume
  - 4. stroke

Question ID : 96234011476  
Option 1 ID : 96234045902  
Option 2 ID : 96234045901  
Option 3 ID : 96234045904  
Option 4 ID : 96234045903  
Status : Answered  
Chosen Option : 4

Q.7  
2 Compression ratio of a petrol engine is \_\_\_\_\_

- Ans
- 1. 30 : 1
  - 2. 24 : 1
  - 3. 78 : 1
  - 4. 8 : 1

Question ID : 96234011479  
Option 1 ID : 96234045916  
Option 2 ID : 96234045915  
Option 3 ID : 96234045914

Option 4 ID : 96234045913  
Status : Answered  
Chosen Option : 4

Q.7  
3 The roller of a feed pump is operated by a/an \_\_\_\_\_.

- Ans
- 1. crank pin
  - 2. crankshaft
  - 3. camshaft
  - 4. eccentric cam of an FIP camshaft

Question ID : 96234011518  
Option 1 ID : 96234046072  
Option 2 ID : 96234046071  
Option 3 ID : 96234046069  
Option 4 ID : 96234046070  
Status : Answered  
Chosen Option : 4

Q.7  
4 The brake horse power of an engine is measured by which equipment?

- Ans
- 1. Dynamometer
  - 2. Multimeter
  - 3. Voltmeter
  - 4. Ammeter

Question ID : 96234011478  
Option 1 ID : 96234045909  
Option 2 ID : 96234045911  
Option 3 ID : 96234045912  
Option 4 ID : 96234045910  
Status : Answered  
Chosen Option : 1

Q.7  
5 Galvanized iron sheet is also called as a \_\_\_\_\_.

- Ans
- 1. black iron sheet
  - 2. tin sheet
  - 3. brass sheet
  - 4. GI sheet

Question ID : 96234011499  
Option 1 ID : 96234045996  
Option 2 ID : 96234045994  
Option 3 ID : 96234045995  
Option 4 ID : 96234045993  
Status : Answered  
Chosen Option : 4