



RAILWAY RECRUITMENT BOARDS

रेलवे भर्ती बोर्ड

2nd 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.
- 3.

4.

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

1. 10 J

2. 12 J

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

1. 7.5

2. 3

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

1. 7

2. 9

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

1.

- 2.
- 3.
- 4.

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

- Ans
- 1.
 - 2.
 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.

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 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.

5

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 The abbreviation AC in an engineering drawing stands for ____.

6

- 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 Greater the value of _____ of a material, the more rapidly it will conduct heat.

7

- 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

8

Ans

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

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

- Ans
- 1.
 - 2.
 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 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 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 Select the option that is related to the third term in the same way as the second term is related to the first term.

- 5
Tall : Short :: Glad : ?
- Ans
1. Happy
 2. Sad
 3. Emotion
 - 4.

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

Q.2
6

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.
- 4.

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 $450 \text{ J kg}^{-1} \text{ K}^{-1}$)?

- 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 12Ω and the other of 24Ω are connected in parallel. This combination is connected in series with a 22Ω resistor and a 12 V battery. The current in the 12Ω resistor is _____.

- Ans
- 1.
 - 2.

3.

4.

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 $30\ \text{V}$ supply voltage.
3 Find the voltage across the $10\ \Omega$ resistor.

Ans

1. $5\ \text{V}$

2. $15\ \text{V}$

3. $20\ \text{V}$

4. $10\ \text{V}$

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
4 cost price?

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

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

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

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 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 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 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
0

Ans 1.

✓ 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

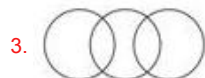
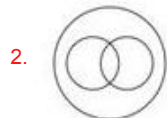
✓ 3. Moon

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



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
3

- Ans
- 1.
 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
4 RK Narayan is famous for his book _____.

- 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
5 Molar specific heat capacity of a substance is _____.

- 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
6

- Ans
- 1.
 - 2.

3.

4.

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 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

Ans

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

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

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

Ans

1. 924 cm²
2. 308 cm²
3. 154 cm²
4. 616 cm²

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

Ans

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

Question ID : 96234011410

Option 1 ID : 96234045640

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

Q.5
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 J/s m K) has an area of cross section 0.04 m^2 and length 20 cm. If the two end of the
5 rod are maintained at a temperature difference of 200°C , the rate of heat flow through the rod is _____.

Ans 1. 3.42 kJ/s
2. 2.32 kJ/s
 3. 4.36 kJ/s
4. 5.80 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
6 gain a profit of 25%?

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.
3.

4.

Question ID : 96234011412

Option 1 ID : 96234045647

Option 2 ID : 96234045645

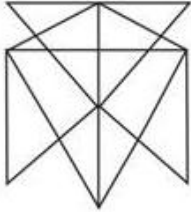
Option 3 ID : 96234045646

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.

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 OOOOOX, OOOOXX, OOOXXX, OOOXXX, ?

- Ans
1. XXXXXX
 2. OOOXXXXX
 - ✓ 3. OXXXXX
 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.
 - 2.

3.

4.

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

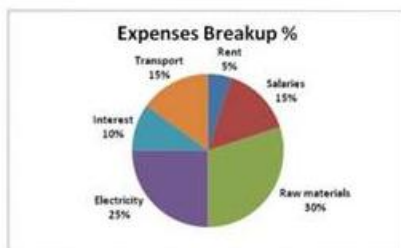
Option 3 ID : 96234045629

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

Ans

1.

- 2.
- 3.
- 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

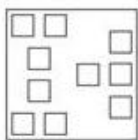
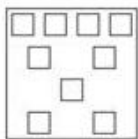
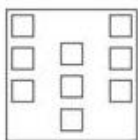
Q.7
1
Ans

1.

2.

3.

✓ 4.



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
4

- Ans
- 1.
 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
5 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.

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

- 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
7

Ans

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

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
8 Which one of these is a harvest festival?

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

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
0 Identify the material having low coefficient of volume expansion

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

Ans

1.

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° C to 4° 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.

3.

4.

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
5 What is 80% of 50% of 90?

Ans

1. 30

 2. 36

3. 32

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

Ans

1. $R/2$

 2. $2R$

3. $4R$

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
7 Kuchipudi has its roots in which Indian State?

Ans

1. Arunachal Pradesh

2. Himachal Pradesh

 3. Andhra Pradesh

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

8

Ans

1.

- 2.
- 3.
- 4.

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.

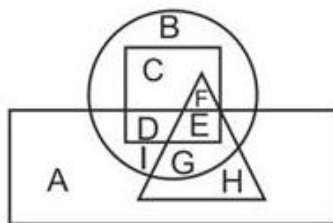
Ans

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 A body starts from rest. Its displacement is proportional to _____ when its acceleration is constant.

3

- 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 A software program that has been developed to harm other computers is called a/an _____.

4

- 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

Ans

- 1.
- 2.
- 3.
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

9

Ans

- 1.
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
00 Name the painter of the famous painting, 'Mahishasura'.

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.
- 2.

- 3.
- 4.

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

Ans

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

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

Ans

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

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

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.
- 2.

3.

4.

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

Ans

- 1.
- 2.
- 3.
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.

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

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.

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.
- 2.
- 3.

4.

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

Ans 1.

2.

3.

4.

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 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 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 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

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

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

- Ans
- 1.

- 2.
- 3.
- 4.

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_X
 3. To reduce CO₂
 4. To reduce N₂

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

Ans

- 1.
- 2.
- ✓ 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.
- 4.

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

Ans

1.

- 2.
- 3.
- 4.

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

- Ans
- 1.
 - 2.
 - 3.
 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 The distance between the centre line of front & rear wheels from side view is _____.
9

- 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 When a piston is at BDC, the clearance between cylinder head to piston head is known as _____.
0

- 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 When a valve stays open late it is known as _____.
1

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

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

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.
- 3.

4.

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

Ans

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

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

Ans

- 1.
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**