



MECHANIC DIESEL - 21 JAN 2019 (SHIFT-2)

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2nd Stage CBT for ALP & TECHNICIANS (CEN-01/2018)

Roll No:	
Participants Name:	
Test Center Name:	
Test Date:	21/01/2019
Test Time:	12:30 PM - 3:00 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 Pipe A can fill a tank in X hours. Pipe B can empty it in 15 hours. If both the pipes are opened together, then the tank will be filled in 7 hours and 30 minutes. Find X.

- Ans
- 1. 10
 - 2. 5
 - 3. 9
 - 4. 8

Question ID : 3334435500
Option 1 ID : 33344321997
Option 2 ID : 33344321998
Option 3 ID : 33344322000
Option 4 ID : 33344321999
Status : Not Answered
Chosen Option : --

Q.2 The mean of the numbers 1, 4, 9, X, 12, 14, 15 and 16 is 10. Find the mode.

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

Question ID : 3334435496
Option 1 ID : 33344321983
Option 2 ID : 33344321982
Option 3 ID : 33344321984
Option 4 ID : 33344321981
Status : Answered
Chosen Option : 4

Q.3 Find mass (in gm) of a gold coin of radius 2 cm and thickness 0.05 cm. (Density of gold 19.3 gm/cm^3)

- Ans 1. 12.1
 2. 0.06
 3. 6.1
 4. 0.03

Question ID : 3334435441
Option 1 ID : 33344321764
Option 2 ID : 33344321763
Option 3 ID : 33344321761
Option 4 ID : 33344321762
Status : Answered
Chosen Option : 4

Q.4 _____ affects the atoms in living cells and thereby damages their genetic material (DNA).

- Ans 1. Chlorinated water
 2. Chloroform
 3. Benzene vapours
 4. Ionising radiation

Question ID : 3334435444
Option 1 ID : 33344321776
Option 2 ID : 33344321773
Option 3 ID : 33344321774
Option 4 ID : 33344321775
Status : Answered
Chosen Option : 4

Q.5 Select the option that is related to the third word on the same basis as the second word is related to the first word.

Lawyer : Judge :: Teacher : ?

- Ans 1. Student
 2. Classroom
 3. School
 4. Principal

Question ID : 3334435502
Option 1 ID : 33344322007
Option 2 ID : 33344322008
Option 3 ID : 33344322005
Option 4 ID : 33344322006
Status : Answered
Chosen Option : 4

Q.6 Specific heat capacity of lead is $125 \text{ Jkg}^{-1}\text{K}^{-1}$. If the temperature of a block of 250 g of lead rises by 10°C on absorbing 5kJ of heat, then find its heat capacity.

- Ans 1. $250 \text{ Jkg}^{-1}\text{K}^{-1}$
 2. 200 JK^{-1}
 3. $325 \text{ Jkg}^{-1}\text{K}^{-1}$

✓ 4. 500 JK^{-1}

Question ID : 3334435457
Option 1 ID : 33344321825
Option 2 ID : 33344321827
Option 3 ID : 33344321828
Option 4 ID : 33344321826
Status : Not Answered
Chosen Option : --

Q.7 What is the area (in cm^2) of a rhombus if the lengths of its diagonals are 18 cm and 14 cm?

- Ans
- ✗ 1. 504
 - ✗ 2. 63
 - ✓ 3. 126
 - ✗ 4. 252

Question ID : 3334435484
Option 1 ID : 33344321934
Option 2 ID : 33344321936
Option 3 ID : 33344321935
Option 4 ID : 33344321933
Status : Answered
Chosen Option : 3

Q.8 The weights of 3 boxes are 4, 5 & 11 kilograms. Which of the following CANNOT be the total weight, in kilograms, of any combination of these boxes?

- Ans
- ✗ 1. 20
 - ✗ 2. 16
 - ✓ 3. 17
 - ✗ 4. 15

Question ID : 3334435524
Option 1 ID : 33344322095
Option 2 ID : 33344322094
Option 3 ID : 33344322096
Option 4 ID : 33344322093
Status : Answered
Chosen Option : 3

Q.9 What is the binary equivalent of decimal 413?

- Ans
- ✓ 1. 110011101
 - ✗ 2. 100111111
 - ✗ 3. 110110111
 - ✗ 4. 111001001

Question ID : 3334435476
Option 1 ID : 33344321901
Option 2 ID : 33344321904
Option 3 ID : 33344321902
Option 4 ID : 33344321903
Status : Answered

Chosen Option : 1

Q.1 What is the difference between the compound interests on a sum of ₹ 10,000 for 1 year at 10% per annum, when
0 compounded yearly and half-yearly?

- Ans
- 1. ₹ 10
 - 2. ₹ 25
 - 3. ₹ 5
 - 4. ₹ 50

Question ID : 3334435489

Option 1 ID : 33344321954

Option 2 ID : 33344321953

Option 3 ID : 33344321955

Option 4 ID : 33344321956

Status : Not Answered

Chosen Option : --

Q.1 Two trains start at the same time. Train A travelling at an average speed of 54 km goes from city M to city N, while
1 Train B goes from city N to city M. The distance between the two cities is 960 km. Find the average speed (in km/hr) of
train B, if both trains cross each other after 8 hours?

- Ans
- 1. 66
 - 2. 60
 - 3. 72
 - 4. 76

Question ID : 3334435456

Option 1 ID : 33344321823

Option 2 ID : 33344321821

Option 3 ID : 33344321822

Option 4 ID : 33344321824

Status : Not Answered

Chosen Option : --

Q.1 Select the option that is related to the third word on the same basis as the second word is related to the first word.
2 Sugarcane : Jaggery :: Coconut: ?

- Ans
- 1. Coir
 - 2. White
 - 3. Seashore
 - 4. Fruit

Question ID : 3334435501

Option 1 ID : 33344322004

Option 2 ID : 33344322003

Option 3 ID : 33344322002

Option 4 ID : 33344322001

Status : Answered

Chosen Option : 1

Q.1 A/an _____ circle is a circular centre line on a drawing containing the centres of holes about a common centre.
3

- Ans
- 1. axis

- 2. bolt
- 3. concentric
- 4. peripheral

Question ID : 3334435449
Option 1 ID : 33344321793
Option 2 ID : 33344321794
Option 3 ID : 33344321796
Option 4 ID : 33344321795
Status : Answered
Chosen Option : 3

Q.1 Working together, if A, B and C can finish a task in 4 days. However, after starting the task, B quits and A and C finish the remaining task in 6 days. How many days would B take to finish if he had to perform the task alone?

- Ans
- 1. 9
 - 2. 8
 - 3. 12
 - 4. 15

Question ID : 3334435487
Option 1 ID : 33344321948
Option 2 ID : 33344321947
Option 3 ID : 33344321945
Option 4 ID : 33344321946
Status : Answered
Chosen Option : 3

Q.1 The ratio of the shorter side of an A4 sheet to the longer side of an A3 sheet is _____.

- 5
- Ans
- 1. 1 : 1
 - 2. 1 : $\sqrt{2}$
 - 3. 1 : 4
 - 4. 1 : 2

Question ID : 3334435437
Option 1 ID : 33344321746
Option 2 ID : 33344321748
Option 3 ID : 33344321747
Option 4 ID : 33344321745
Status : Answered
Chosen Option : 4

Q.1 E said to F, "You are my son's wife's father-in-law." How is F related to E?

- 6
- Ans
- 1. F is the husband of E
 - 2. F is the wife of E
 - 3. F is the brother-in-law of E
 - 4. F is the father of E

Question ID : 3334435510
Option 1 ID : 33344322040

Option 2 ID : 33344322039
Option 3 ID : 33344322037
Option 4 ID : 33344322038
Status : Answered
Chosen Option : 1

Q.1
7 _____ was discovered by the Scottish physician Daniel Rutherford in 1772.

- Ans
- 1. Helium
 - 2. Hydrogen
 - 3. Chlorine
 - 4. Nitrogen

Question ID : 3334435430
Option 1 ID : 33344321718
Option 2 ID : 33344321719
Option 3 ID : 33344321717
Option 4 ID : 33344321720
Status : Answered
Chosen Option : 2

Q.1
8 Which of the following is an example of a third class lever?

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

Question ID : 3334435471
Option 1 ID : 33344321883
Option 2 ID : 33344321881
Option 3 ID : 33344321882
Option 4 ID : 33344321884
Status : Answered
Chosen Option : 3

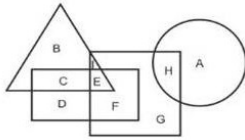
Q.1
9 Who founded Project Nani Kali in 1996?

- Ans
- 1. Anand Mahindra
 - 2. Ratan Tata
 - 3. Narayana Murthy
 - 4. Azim Premji

Question ID : 3334435428
Option 1 ID : 33344321710
Option 2 ID : 33344321711
Option 3 ID : 33344321709
Option 4 ID : 33344321712
Status : Not Answered
Chosen Option : --

Q.2

0 In the following figure, the triangle represents boxers, the square represents priests, the circle represents British and the rectangle represents men. Which set of letters represents men who are either boxers or priests?



- Ans
- 1. EFH
 - 2. CEI
 - 3. CEF
 - 4. FGH

Question ID : 3334435511
Option 1 ID : 33344322041
Option 2 ID : 33344322042
Option 3 ID : 33344322043
Option 4 ID : 33344322044
Status : Answered
Chosen Option : 3

Q.2 Find the work done (in joules) in moving a charge of 1.6 coulombs across 0.8 V.

- 1
- Ans
- 1. 1.28
 - 2. 2
 - 3. 2.56
 - 4. 0.5

Question ID : 3334435461
Option 1 ID : 33344321843
Option 2 ID : 33344321841
Option 3 ID : 33344321844
Option 4 ID : 33344321842
Status : Not Answered
Chosen Option : --

Q.2 Hawa Mahal is a palace in _____.

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

Question ID : 3334435433
Option 1 ID : 33344321729
Option 2 ID : 33344321731
Option 3 ID : 33344321732
Option 4 ID : 33344321730
Status : Answered
Chosen Option : 1

Q.2 What is the angle between the hour hand and the minute hand at quarter to five?

3

Ans

- 1. 135.5°
- 2. 115.5°
- 3. 147.5°
- 4. 127.5°

Question ID : 3334435499
Option 1 ID : 33344321993
Option 2 ID : 33344321994
Option 3 ID : 33344321995
Option 4 ID : 33344321996
Status : Not Answered
Chosen Option : --

Q.2 A seller starts on her daily routine. She walks 7 km north, then turns west and walks 6 km, then turns south and walks 2 km, then turns west and walks 3 km, then turns to her left and walks 5 km. Where is she now with reference to her starting position?

- Ans
- 1. 3 km west
 - 2. 9 km west
 - 3. 3 km east
 - 4. 9 km east

Question ID : 3334435518
Option 1 ID : 33344322070
Option 2 ID : 33344322071
Option 3 ID : 33344322072
Option 4 ID : 33344322069
Status : Answered
Chosen Option : 4

Q.2 The difference between the two binary numbers 10010000 and 1111001 is:

- 5
- Ans
- 1. 11101
 - 2. 11011
 - 3. 10111
 - 4. 10011

Question ID : 3334435477
Option 1 ID : 33344321908
Option 2 ID : 33344321905
Option 3 ID : 33344321906
Option 4 ID : 33344321907
Status : Answered
Chosen Option : 4

Q.2 A can finish 25% of a task in 3 days and B can finish half of the task in 18 days. If they work on it together, in how many days can they finish the task?

- 6
- Ans
- 1. 12
 - 2. 9
 - 3. 6
 - 4. 15

Question ID : 3334435486
Option 1 ID : 33344321943
Option 2 ID : 33344321942
Option 3 ID : 33344321944
Option 4 ID : 33344321941
Status : Answered
Chosen Option : 2

Q.2 A/An _____ is a pointing and drawing device shaped like a pen. It is used on a touch screen.

7

- Ans 1. stylus
 2. flag
 3. cursor
 4. index

Question ID : 3334435475
Option 1 ID : 33344321900
Option 2 ID : 33344321898
Option 3 ID : 33344321897
Option 4 ID : 33344321899
Status : Answered
Chosen Option : 1

Q.2 Consider that $5 \# 11 = 4$; $13 \# 7 = 5$; $10 \# 22 = 8$. Then what is the value of $10 \# 2 = ?$

8

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

Question ID : 3334435508
Option 1 ID : 33344322031
Option 2 ID : 33344322029
Option 3 ID : 33344322032
Option 4 ID : 33344322030
Status : Answered
Chosen Option : 1

Q.2 The sentences given in the question, which properly sequenced, form a coherent paragraph. Each sentence is labeled with a letter. Choose the most logical order of sentences from among the given choices to construct a coherent paragraph.

9

Patty the milkmaid had just finished milking her cow and had two full pails of fresh creamy milk.

A-“Once I get the money, I’ll buy a chicken”, she thought.

B-She put both pails on a stick and set off to the market to sell her pails of milk.

C-This chicken will lay tens of eggs.

D-Along the way she started to think of all the milk in her pails and all the money she would get for them.

- Ans 1. BDCA
 2. BDAC
 3. DBAC
 4. DBCA

Question ID : 3334435523

Option 1 ID : 33344322089
Option 2 ID : 33344322091
Option 3 ID : 33344322090
Option 4 ID : 33344322092
Status : Answered
Chosen Option : 2

Q.3 One statement is given followed by two assumptions, I & II. You have to consider the statement to be true, even if it seems to be at variance from commonly known facts. You are to decide which of the given assumptions is/are implicit in the given statement.

Statement : Teachers should never scold students who make repeated mistakes.

Assumptions:

I. Students do not make repeated mistakes intentionally.

II. Negative reinforcements are NOT a good method to improve student performance.

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

Question ID : 3334435519
Option 1 ID : 33344322074
Option 2 ID : 33344322076
Option 3 ID : 33344322073
Option 4 ID : 33344322075
Status : Answered
Chosen Option : 1

Q.3 Name the author of 'The Incredible Adventures of Professor Shonku'.

- Ans
- 1. Rahul Bose
 - 2. Ritwik Ghatak
 - 3. Rabindranath Tagore
 - 4. Satyajit Ray

Question ID : 3334435431
Option 1 ID : 33344321723
Option 2 ID : 33344321721
Option 3 ID : 33344321722
Option 4 ID : 33344321724
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.3 A drum of mass 'm' kg was rolled down a ramp. At the bottom of the ramp its kinetic energy was 10 kJ and velocity was 20 m/s. With what velocity (in m/s) was it pushed down the ramp if its initial kinetic energy was 625 J?

- Ans
- 1. 5
 - 2. 7.5
 - 3. 10
 - 4. 2.5

Question ID : 3334435468
Option 1 ID : 33344321869

Option 2 ID : 33344321871
Option 3 ID : 33344321872
Option 4 ID : 33344321870
Status : Answered
Chosen Option : 1

Q.3 A statement is given, followed by two conclusions. Decide which of the given conclusions can definitely be drawn from
3 the given statement.

Statement: Quality food is expensive. The restaurant owners are renovating the restaurant as the furniture had become old.

Conclusion I: The quality of the restaurant's food will improve.

Conclusion II: All restaurants have to be renovated when their furniture becomes old.

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

Question ID : 3334435525
Option 1 ID : 33344322097
Option 2 ID : 33344322098
Option 3 ID : 33344322100
Option 4 ID : 33344322099
Status : Answered
Chosen Option : 4

Q.3 Find the missing number in the given series.
4

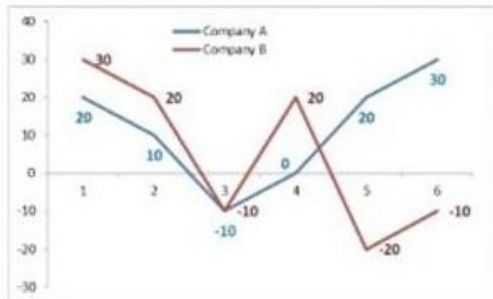
$-3.4, -2.7, -2, -1.3, -0.6, ?$

- Ans
- 1. 0.3
 - 2. 0.2
 - 3. 0.1
 - 4. 0

Question ID : 3334435504
Option 1 ID : 33344322014
Option 2 ID : 33344322013
Option 3 ID : 33344322016
Option 4 ID : 33344322015
Status : Answered
Chosen Option : 3

Q.3
5

The line graphs show the profit (in lakh rupees), for 6 years, of two companies A and B. The ratio of the cumulative profits for these 6 years of Company B to Company A is:



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

Question ID : 3334435521
 Option 1 ID : 33344322081
 Option 2 ID : 33344322083
 Option 3 ID : 33344322082
 Option 4 ID : 33344322084
 Status : Not Answered
 Chosen Option : --

Q.3 Find the slope of the line given by the equation $4x + 6y = 9$.

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

Question ID : 3334435494
 Option 1 ID : 33344321974
 Option 2 ID : 33344321973
 Option 3 ID : 33344321976
 Option 4 ID : 33344321975
 Status : Answered
 Chosen Option : 1

Q.3 $\sqrt{0.015625} \times \sqrt{0.0256} = \underline{\hspace{2cm}}$.

- Ans
- 1. 0.004
 - 2. 0.04

- ✓ 3. 0.02
✗ 4. 0.002

Question ID : 3334435497
Option 1 ID : 33344321988
Option 2 ID : 33344321987
Option 3 ID : 33344321986
Option 4 ID : 33344321985
Status : Not Answered
Chosen Option : --

Q.3 In the question, two statements are given, followed by three conclusions I, II and III. You have to consider the 8 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 : Some huts are cabins.
Statement 2 : No cabins are cottages.

Conclusion I : Some cabins are huts.
Conclusion II : Some cottages are huts.
Conclusion III : All huts are cottages.

- Ans ✗ 1. Only conclusion III follows
✓ 2. Only conclusion I follows
✗ 3. All conclusions I, II and III follow
✗ 4. Only conclusion I and III follow

Question ID : 3334435514
Option 1 ID : 33344322054
Option 2 ID : 33344322053
Option 3 ID : 33344322056
Option 4 ID : 33344322055
Status : Answered
Chosen Option : 2

Q.3 9 If $\frac{5x}{2} - \frac{5}{3} \left(\frac{3}{2} + \frac{4x}{3} \right) = \frac{5}{6}$ then the value of x is:

- Ans ✗ 1. 4
✓ 2. 12
✗ 3. 3
✗ 4. 6

Question ID : 3334435492
Option 1 ID : 33344321967
Option 2 ID : 33344321968
Option 3 ID : 33344321966
Option 4 ID : 33344321965
Status : Answered
Chosen Option : 4

Q.4 0 If 2.5 l of hot water at 85 °C is mixed with 4.5 l of cold water then the temperature of the cold water rises by 15 °C when equilibrium is reached. Find the initial temperature (in °C) of the cold water assuming no heat is lost.

- Ans ✗ 1. 25

- 2. 48
- 3. 43
- 4. 15

Question ID : 3334435466
Option 1 ID : 33344321863
Option 2 ID : 33344321862
Option 3 ID : 33344321861
Option 4 ID : 33344321864
Status : Not Answered
Chosen Option : --

Q.4
1 A body of mass 60 kg weighs 222 N on Mars. What is the acceleration due to gravity (in m/s^2) on Mars?

- Ans
- 1. 19.8
 - 2. 13.32
 - 3. 3.7
 - 4. 4.9

Question ID : 3334435446
Option 1 ID : 33344321784
Option 2 ID : 33344321781
Option 3 ID : 33344321783
Option 4 ID : 33344321782
Status : Answered
Chosen Option : 3

Q.4
2 In the finals of Indian Premier League (IPL) in 2018, Chennai Super Kings played against _____.

- Ans
- 1. Royal Challengers Bangalore
 - 2. Kolkata Knight Riders
 - 3. Sun Risers Hyderabad
 - 4. Mumbai Indians

Question ID : 3334435432
Option 1 ID : 33344321725
Option 2 ID : 33344321726
Option 3 ID : 33344321728
Option 4 ID : 33344321727
Status : Answered
Chosen Option : 3

Q.4
3 Find the velocity ratio of a pulley system if it has an efficiency of 50%. It lifts a load of 250 N on applying an effort of 100 N.

- Ans
- 1. 2.5
 - 2. 7.5
 - 3. 10
 - 4. 5

Question ID : 3334435463
Option 1 ID : 33344321849

Option 2 ID : 33344321851
Option 3 ID : 33344321852
Option 4 ID : 33344321850
Status : Answered
Chosen Option : 4

Q.4
4 A common drug in a first aid box is Ibuprofen. When should Ibuprofen be taken?

- Ans
- 1. To ease indigestion and heartburn
 - 2. To aid in clotting of blood
 - 3. To bring relief from asthma
 - 4. To treat pain, fever and inflammation

Question ID : 3334435467
Option 1 ID : 33344321868
Option 2 ID : 33344321865
Option 3 ID : 33344321867
Option 4 ID : 33344321866
Status : Answered
Chosen Option : 4

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

Ans

1.

L	F	D
C	W	E
G	I	H

2.

I	L	C
F	H	E
D	M	G

3.

W	L	G
C	I	D
F	H	E

4.

E	C	D
F	G	W
H	L	I

Question ID : 3334435515
Option 1 ID : 33344322059
Option 2 ID : 33344322057
Option 3 ID : 33344322058
Option 4 ID : 33344322060
Status : Answered
Chosen Option : 2

Q.4
6 If 25% of a = b, then b% of 160 is same as:

- Ans
- 1. 80% of a

- 2. 60% of a
- 3. 40% of a
- 4. 50% of a

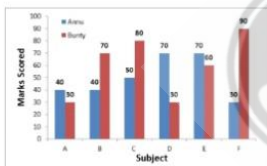
Question ID : 3334435483
 Option 1 ID : 33344321932
 Option 2 ID : 33344321929
 Option 3 ID : 33344321931
 Option 4 ID : 33344321930
 Status : Not Answered
 Chosen Option : --

Q.4 A man willed $\frac{2}{7}$ th of his wealth to his wife. $\frac{1}{3}$ rd of the remaining wealth to his son, and the rest was divided equally between the three daughters. If each daughter gets $\frac{2}{3}$ rd of the son's share and each of the three daughters gets ₹ 2,00,000, then what was the man's wealth?

- Ans**
- 1. ₹ 8,60,000
 - 2. ₹ 10,50,000
 - 3. ₹ 12,60,000
 - 4. ₹ 15,75,000

Question ID : 3334435480
 Option 1 ID : 33344321919
 Option 2 ID : 33344321917
 Option 3 ID : 33344321920
 Option 4 ID : 33344321918
 Status : Not Answered
 Chosen Option : --

Q.4 The bar graph shows the marks scored by Annu and Bunty in their exam, which had 6 papers of 100 marks each. If **8** Bunty had scored 25% less in Paper C and 10 marks more in paper A, then he would have scored how much more than Annu in the exam?



- Ans**
- 1. 16.67%
 - 2. 10%
 - 3. 12.25%
 - 4. 15%

Question ID : 3334435520
 Option 1 ID : 33344322078
 Option 2 ID : 33344322079
 Option 3 ID : 33344322077
 Option 4 ID : 33344322080
 Status : Not Answered
 Chosen Option : --

Q.4 A/an _____ is an inclined edge that is NOT at right angle to the joining surface.

- Ans
- 1. bevel
 - 2. ogee
 - 3. bullnose
 - 4. dupont

Question ID : 3334435448
Option 1 ID : 33344321789
Option 2 ID : 33344321790
Option 3 ID : 33344321792
Option 4 ID : 33344321791
Status : Not Answered
Chosen Option : --

Q.5 Classical musician TR Mahalingam is associated with which musical instrument?

- Ans
- 1. Mridangam
 - 2. Santoor
 - 3. Flute
 - 4. Tabla

Question ID : 3334435434
Option 1 ID : 33344321734
Option 2 ID : 33344321735
Option 3 ID : 33344321733
Option 4 ID : 33344321736
Status : Answered
Chosen Option : 1

Q.5 A car of 500 kg mass has a kinetic energy of 64 kJ. Find its speed (in m/s).

- Ans
- 1. 16
 - 2. 48
 - 3. 64
 - 4. 32

Question ID : 3334435455
Option 1 ID : 33344321818
Option 2 ID : 33344321820
Option 3 ID : 33344321819
Option 4 ID : 33344321817
Status : Answered
Chosen Option : 1

Q.5 The electric _____ between two points in an electric circuit carrying some current is the work done to move a unit charge from one point to the other.

- Ans
- 1. resistance
 - 2. charge
 - 3. potential difference

4. current

Question ID : 3334435459
Option 1 ID : 33344321835
Option 2 ID : 33344321836
Option 3 ID : 33344321833
Option 4 ID : 33344321834
Status : Answered
Chosen Option : 3

Q.5
3 Find the least common multiple of 48 and 54.

- Ans 1. 144
 2. 432
 3. 342
 4. 234

Question ID : 3334435481
Option 1 ID : 33344321923
Option 2 ID : 33344321924
Option 3 ID : 33344321921
Option 4 ID : 33344321922
Status : Answered
Chosen Option : 2

Q.5
4 _____ is the distance from the pitch circle to the bottom of the tooth space in a gear.

- Ans 1. Hub
 2. Addendum
 3. Dedendum
 4. Bore

Question ID : 3334435450
Option 1 ID : 33344321799
Option 2 ID : 33344321800
Option 3 ID : 33344321798
Option 4 ID : 33344321797
Status : Answered
Chosen Option : 3

Q.5
5 A trader buys 200 kg of grain for ₹ 8,000. 4% of this grain is lost in transportation. At what rate should he sell the rest to earn 20% profit?

- Ans 1. ₹ 45/kg
 2. ₹ 48/kg
 3. ₹ 54/kg
 4. ₹ 50/kg

Question ID : 3334435491
Option 1 ID : 33344321962
Option 2 ID : 33344321961
Option 3 ID : 33344321964
Option 4 ID : 33344321963

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

Q.5 Coffee, spinach, onion and tea in our diet mostly provide us with which of the following elements as food?

6

- Ans 1. Fluoride
 2. Chloride
 3. Iodine
 4. Sodium

Question ID : 3334435472
Option 1 ID : 33344321886
Option 2 ID : 33344321885
Option 3 ID : 33344321887
Option 4 ID : 33344321888
Status : **Not Answered**
Chosen Option : --

Q.5 In a certain code language, '+' represents '×', '÷' represents '+', '-' represents '÷' and '×' represents '-'. Find out the answer to the following question considering that language as base.

7

$$9 \times 3 \div 4 + 10 - 8 = ?$$

- Ans 1. 11
 2. 13
 3. 30
 4. 12

Question ID : 3334435507
Option 1 ID : 33344322028
Option 2 ID : 33344322025
Option 3 ID : 33344322026
Option 4 ID : 33344322027
Status : **Answered**
Chosen Option : 1

Q.5 Which organisation comprises of two institutions; The International Bank for Reconstruction and Development (IBRD) and The International Development Association (IDA)?

8

- Ans 1. International Chamber of Commerce
 2. The World Bank
 3. The International Monetary Fund
 4. International Finance Corporation

Question ID : 3334435427
Option 1 ID : 33344321708
Option 2 ID : 33344321706
Option 3 ID : 33344321705
Option 4 ID : 33344321707
Status : **Answered**
Chosen Option : 2

Q.5 A retailer sells an item for ₹ 486 and he makes 8% profit. If he were to sell that item for ₹ 414, then he would make:

9

- Ans 1. 10% loss

- ✓ 2. 8% loss
- ✗ 3. 12% loss
- ✗ 4. 4% loss

Question ID : 3334435490
Option 1 ID : 33344321960
Option 2 ID : 33344321959
Option 3 ID : 33344321957
Option 4 ID : 33344321958
Status : Not Answered
Chosen Option : --

Q.6 Which singer entered the Guinness World Records for the most single studio recordings?

- 0
- Ans ✓ 1. Asha Bhosale
- ✗ 2. Mohammad Rafi
 - ✗ 3. Lata Mangeshkar
 - ✗ 4. Kishore Kumar

Question ID : 3334435429
Option 1 ID : 33344321716
Option 2 ID : 33344321715
Option 3 ID : 33344321713
Option 4 ID : 33344321714
Status : Not Answered
Chosen Option : --

Q.6 Rearrange the parts of the sentence in the order to form a meaningful English sentence.

- 1
- Till a few years back, I used
- X-used to intermingle with literature and humanism
- Y-to admire at the great and insightful language used in
- Z-some of the judgments of the higher judiciary, where law

- Ans ✓ 1. YZX
- ✗ 2. XZY
 - ✗ 3. ZYX
 - ✗ 4. YXZ

Question ID : 3334435522
Option 1 ID : 33344322086
Option 2 ID : 33344322087
Option 3 ID : 33344322085
Option 4 ID : 33344322088
Status : Answered
Chosen Option : 1

Q.6 If A \$ B means A is the sister of B, A # B means A is the mother of B and if A × B means A is the father of B, then what does P × Q \$ R # S mean?

- 2
- Ans ✗ 1. P is the father of S
- ✗ 2. P is the son of S

3. P is the son-in-law of S
 4. P is the grandfather of S

Question ID : 3334435509
Option 1 ID : 33344322033
Option 2 ID : 33344322034
Option 3 ID : 33344322035
Option 4 ID : 33344322036
Status : Answered
Chosen Option : 4

Q.6 Find the current (in mA) flowing through a wire of resistance $25\text{ k}\Omega$ when a potential difference of 12.5 V is applied across it.

- Ans 1. 0.5
 2. 2
 3. 5
 4. 0.2

Question ID : 3334435462
Option 1 ID : 33344321847
Option 2 ID : 33344321848
Option 3 ID : 33344321845
Option 4 ID : 33344321846
Status : Answered
Chosen Option : 1

Q.6 If a box of mass 25 kg is pushed 15 m by a force of ' F ' N, work done in the process is 480 J . Find F :

- Ans 1. 50
 2. 32
 3. 16
 4. 25

Question ID : 3334435442
Option 1 ID : 33344321768
Option 2 ID : 33344321765
Option 3 ID : 33344321767
Option 4 ID : 33344321766
Status : Answered
Chosen Option : 2

Q.6 Which of the following gases is NOT a major greenhouse gas that causes climate change?

- Ans 1. Carbon dioxide
 2. Methane
 3. Carbon monoxide
 4. Nitrous oxide

Question ID : 3334435473
Option 1 ID : 33344321890
Option 2 ID : 33344321891
Option 3 ID : 33344321889

Option 4 ID : 33344321892
Status : Answered
Chosen Option : 2

Q.6
6 Choose the word that is different from the rest.

- Ans 1. Coir
 2. Cotton
 3. Wool
 4. Jute

Question ID : 3334435517
Option 1 ID : 33344322068
Option 2 ID : 33344322065
Option 3 ID : 33344322066
Option 4 ID : 33344322067
Status : Answered
Chosen Option : 1

Q.6
7 If $a + b = 9$ and $a^2 + b^2 = 53$, then find the value of ab .

- Ans 1. 20
 2. 8
 3. 14
 4. 18

Question ID : 3334435493
Option 1 ID : 33344321970
Option 2 ID : 33344321971
Option 3 ID : 33344321969
Option 4 ID : 33344321972
Status : Not Answered
Chosen Option : --

Q.6
8 A pilgrim travelled a distance of 50 km in 7.5 hours. He travelled partly on foot at 4 km/hr and partly on a bullock cart at 12 km/hr. The distance travelled on foot is _____ km.

- Ans 1. 20
 2. 30
 3. 26
 4. 24

Question ID : 3334435488
Option 1 ID : 33344321949
Option 2 ID : 33344321950
Option 3 ID : 33344321952
Option 4 ID : 33344321951
Status : Not Answered
Chosen Option : --

Q.6
9 By how many degrees celsius should an 800 g calorimeter made of aluminium be heated so that it absorbs 43.2 kJ of heat? Specific heat capacity of aluminium is $0.9 \text{ Jg}^{-1}\text{K}^{-1}$.

- Ans 1. 42.5

- ✓ 2. 60
✗ 3. 120
✗ 4. 67.5

Question ID : 3334435458
Option 1 ID : 33344321832
Option 2 ID : 33344321829
Option 3 ID : 33344321830
Option 4 ID : 33344321831
Status : Not Answered
Chosen Option : --

Q.7 Which of the following is the correct relation between potential difference 'V' across a metal wire of resistivity 'ρ', length 'L' and area of cross section 'A' through which a charge 'Q' flows in 't' seconds?

- Ans ✗ 1. $V\rho Q = AtL$
✗ 2. $VLt = AQP$
✓ 3. $VAt = Q\rho L$
✗ 4. $VQt = ApL$

Question ID : 3334435439
Option 1 ID : 33344321755
Option 2 ID : 33344321754
Option 3 ID : 33344321756
Option 4 ID : 33344321753
Status : Answered
Chosen Option : 3

Q.7 If the curved surface area of a cone of radius 14 cm is 2200 cm^2 , find its height (in cm).

- Ans ✓ 1. 48
✗ 2. 56
✗ 3. 49
✗ 4. 50

Question ID : 3334435485
Option 1 ID : 33344321939
Option 2 ID : 33344321938
Option 3 ID : 33344321940
Option 4 ID : 33344321937
Status : Not Answered
Chosen Option : --

Q.7 Two resistors of $R\ \Omega$ and $20\ \Omega$ are connected in parallel to get an effective resistance of $15\ \Omega$. Find R.

- Ans ✗ 1. 40
✓ 2. 60
✗ 3. 50
✗ 4. 30

Question ID : 3334435460
Option 1 ID : 33344321839

Option 2 ID : 33344321837
Option 3 ID : 33344321840
Option 4 ID : 33344321838
Status : Answered
Chosen Option : 2

Q.7 _____ is the fibre remaining after the extraction of the sugar-bearing juice from sugarcane.

3

- Ans
- 1. Forage
 - 2. Cullet
 - 3. Bagasse
 - 4. Compost

Question ID : 3334435474
Option 1 ID : 33344321895
Option 2 ID : 33344321894
Option 3 ID : 33344321896
Option 4 ID : 33344321893
Status : Answered
Chosen Option : 3

Q.7 In the following question, which set of letters will logically complete the below letter series when the letters in the set are placed in the gap sequentially from left to right.

4

c_ax_za_cz_xc_a

- Ans
- 1. bbyyc
 - 2. bybyb
 - 3. bbbyb
 - 4. bbxyc

Question ID : 3334435503
Option 1 ID : 33344322010
Option 2 ID : 33344322011
Option 3 ID : 33344322009
Option 4 ID : 33344322012
Status : Not Answered
Chosen Option : --

Q.7 The notation $\varnothing 7$ means _____.

5

- Ans
- 1. depth of wall 7 units
 - 2. radius 7 units
 - 3. diameter 7 units
 - 4. length of edge 7 units

Question ID : 3334435440
Option 1 ID : 33344321760
Option 2 ID : 33344321758
Option 3 ID : 33344321757
Option 4 ID : 33344321759
Status : Answered
Chosen Option : 3

Q.7
6 $(0.1 \times 0.1 \times 0.1 + 0.04 \times 0.04 \times 0.04) \div (0.2 \times 0.2 \times 0.2 + 0.08 \times 0.08 \times 0.08) = \underline{\hspace{2cm}}$.

- Ans
- 1. 0.08
 - 2. 0.125
 - 3. 0.025
 - 4. 0.02

Question ID : 3334435479
Option 1 ID : 33344321914
Option 2 ID : 33344321916
Option 3 ID : 33344321915
Option 4 ID : 33344321913
Status : **Not Answered**
Chosen Option : --

Q.7
7 The specific latent heat of fusion of lead is 23 Jg^{-1} . Find the mass of a piece of lead if it releases 2116 J of heat when it freezes at its freezing point of 327°C .

- Ans
- 1. 62
 - 2. 92
 - 3. 600
 - 4. 460

Question ID : 3334435438
Option 1 ID : 33344321752
Option 2 ID : 33344321751
Option 3 ID : 33344321750
Option 4 ID : 33344321749
Status : **Not Answered**
Chosen Option : --

Q.7
8 The apparent mass of a piece of metal when fully immersed in water is 60 gm. If the relative density of this metal piece is 2.5, find its actual mass (in gm)?

- Ans
- 1. 300
 - 2. 40
 - 3. 400
 - 4. 100

Question ID : 3334435464
Option 1 ID : 33344321855
Option 2 ID : 33344321854
Option 3 ID : 33344321856
Option 4 ID : 33344321853
Status : **Not Answered**
Chosen Option : --

Q.7
9 5 years ago, father's age was 8 times Rohan's age. 5 years hence, the ratio of father's age to Rohan's age will be 10 : 3. What is Rohan's present age?

- Ans
- 1. 10 years
 - 2. 12 years
 - 3. 15 years

4. 8 years

Question ID : 3334435498
Option 1 ID : 33344321989
Option 2 ID : 33344321991
Option 3 ID : 33344321992
Option 4 ID : 33344321990
Status : Not Answered
Chosen Option : --

Q.8
0 Which of the following folk dances is from Punjab?

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

Question ID : 3334435435
Option 1 ID : 33344321739
Option 2 ID : 33344321740
Option 3 ID : 33344321737
Option 4 ID : 33344321738
Status : Answered
Chosen Option : 4

Q.8
1 Choose the set of letters that is different from the rest.

- Ans 1. NQT
 2. DGJ
 3. EHK
 4. TQN

Question ID : 3334435516
Option 1 ID : 33344322063
Option 2 ID : 33344322061
Option 3 ID : 33344322064
Option 4 ID : 33344322062
Status : Answered
Chosen Option : 4

Q.8
2 $12 - 20\% \text{ of } (42 \times 5 \div 15 - 18 \times 10 \div 15 + 8) = \underline{\hspace{2cm}}$

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

Question ID : 3334435478
Option 1 ID : 33344321911
Option 2 ID : 33344321909
Option 3 ID : 33344321912
Option 4 ID : 33344321910

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

Q.8 The ratio of the present salaries of Vinod and Manoj is 6 : 7. If both of them get their salaries increased by ₹ 16,000,
3 then the ratio becomes 8 : 9. What is the present salary of Manoj?

- Ans
- 1. ₹ 48,000
 - 2. ₹ 72,000
 - 3. ₹ 56,000
 - 4. ₹ 64,000

Question ID : 3334435482
Option 1 ID : 33344321926
Option 2 ID : 33344321928
Option 3 ID : 33344321925
Option 4 ID : 33344321927
Status : **Not Answered**
Chosen Option : --

Q.8 In the question, two statements are given, followed by two conclusions I and II. You have to consider the statements to
4 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, follows from the given statements.

Statement 1 : All boots are sneakers.
Statement 2 : All sneakers are shoes.

Conclusion I : Some shoes are boots.
Conclusion II : Some sneakers are boots.

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

Question ID : 3334435513
Option 1 ID : 33344322049
Option 2 ID : 33344322050
Option 3 ID : 33344322051
Option 4 ID : 33344322052
Status : **Not Answered**
Chosen Option : --

Q.8 Here are some words from an artificial language.
5

norusi means batwing

odusi means batman

odzul means superman

Which set of letters would indicate 'superrich' in that artificial language?

- Ans
- 1. gifod
 - 2. nadzul
 - 3. ludnor
 - 4. tudusi

Question ID : 3334435506
Option 1 ID : 33344322021
Option 2 ID : 33344322023
Option 3 ID : 33344322024
Option 4 ID : 33344322022
Status : Answered
Chosen Option : 1

Q.8 Find the volume (in cm^3) of a piece of metal of density 5000 kg/m^3 and which weighs 10.8 N . (Use $g = 10 \text{ m/s}^2$)

6

- Ans
- 1. 216
 - 2. 21.6
 - 3. 54
 - 4. 540

Question ID : 3334435454
Option 1 ID : 33344321813
Option 2 ID : 33344321814
Option 3 ID : 33344321816
Option 4 ID : 33344321815
Status : Not Answered
Chosen Option : --

Q.8 The circumference of a planet is $36,000 \text{ km}$. If the planet makes no other movement and takes 20 hours for one complete rotation, what is the speed of a point on its equator?

7

- Ans
- 1. 400 m/s
 - 2. 500 m/s
 - 3. 200 m/s
 - 4. 300 m/s

Question ID : 3334435469
Option 1 ID : 33344321873
Option 2 ID : 33344321874
Option 3 ID : 33344321876
Option 4 ID : 33344321875
Status : Not Answered
Chosen Option : --

Q.8 $-200^\circ \text{ Celsius} = \underline{\hspace{2cm}}$ Fahrenheit

8

- Ans
- 1. -73°
 - 2. -328°
 - 3. -392°
 - 4. 73°

Question ID : 3334435470
Option 1 ID : 33344321878
Option 2 ID : 33344321880
Option 3 ID : 33344321877
Option 4 ID : 33344321879
Status : Answered
Chosen Option : 2

Q.8
9 Which of the following substances has the highest density?

- Ans 1. Gold
 2. Mercury
 3. Copper
 4. Iron

Question ID : 3334435453
Option 1 ID : 33344321810
Option 2 ID : 33344321809
Option 3 ID : 33344321811
Option 4 ID : 33344321812
Status : Answered
Chosen Option : 3

Q.9 The efficiency of a pump is 50%. It lifts 2 tonnes of water by 60 m in 20 minutes. Find the input power (in kW) of the
0 pump.

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

Question ID : 3334435436
Option 1 ID : 33344321744
Option 2 ID : 33344321742
Option 3 ID : 33344321741
Option 4 ID : 33344321743
Status : Not Answered
Chosen Option : --

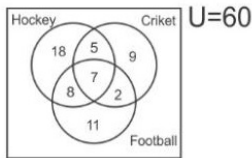
Q.9 Due to engine trouble, an Express train goes at $\frac{9}{10}$ th of its usual speed and arrives at 2 : 34 pm instead of 2 : 28 pm. At
1 what time did it start?

- Ans 1. 1 : 32 pm
 2. 1 : 34 pm
 3. 1 : 36 pm
 4. 1 : 40 pm

Question ID : 3334435465
Option 1 ID : 33344321860
Option 2 ID : 33344321857
Option 3 ID : 33344321859
Option 4 ID : 33344321858
Status : Not Answered
Chosen Option : --

Q.9
2

The given Venn diagram shows the number of students in a class who play a particular sport. How many students play Hockey as well as Football?



- Ans
- 1. 51
 - 2. 7
 - 3. 15
 - 4. 8

Question ID : 3334435512
 Option 1 ID : 33344322048
 Option 2 ID : 33344322047
 Option 3 ID : 33344322045
 Option 4 ID : 33344322046
 Status : Answered
 Chosen Option : 3

Q.9 A uniform meter scale weighs 75 g. It is pivoted at the 50 cm mark. A 40 g mass is placed at the 20 cm mark and a 50 g mass is placed at the 90 cm mark. Where should a 20 g mass be placed so that the scale is in equilibrium?

- Ans
- 1. At the 54 cm mark
 - 2. At the 96 cm mark
 - 3. At the 4 cm mark
 - 4. At the 46 cm mark

Question ID : 3334435447
 Option 1 ID : 33344321785
 Option 2 ID : 33344321787
 Option 3 ID : 33344321786
 Option 4 ID : 33344321788
 Status : Not Answered
 Chosen Option : --

Q.9
 $\frac{4}{4} \cot 30^\circ - \frac{1}{2} \times \operatorname{cosec} 60^\circ =$

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

Question ID : 3334435495
 Option 1 ID : 33344321977
 Option 2 ID : 33344321978
 Option 3 ID : 33344321979
 Option 4 ID : 33344321980

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

Q.9 The ideals of Liberty, Equality and Fraternity enshrined in the Constitution of India are borrowed from the constitution
5 of _____.

- Ans
- 1. Japan
 - 2. Unites States of America
 - 3. France
 - 4. Soviet Union

Question ID : 3334435426
Option 1 ID : 33344321703
Option 2 ID : 33344321702
Option 3 ID : 33344321701
Option 4 ID : 33344321704
Status : **Answered**
Chosen Option : 2

Q.9 A/An _____ is a special high-speed storage mechanism.
6

- Ans
- 1. interface
 - 2. board
 - 3. cache
 - 4. host

Question ID : 3334435445
Option 1 ID : 33344321780
Option 2 ID : 33344321777
Option 3 ID : 33344321779
Option 4 ID : 33344321778
Status : **Answered**
Chosen Option : 3

Q.9 In a certain code language, STOLE is coded as 39468 and RICH is coded as 5271. Using the same code language, word
7 THIS will be coded as:

- Ans
- 1. 7583
 - 2. 3274
 - 3. 9283
 - 4. 9123

Question ID : 3334435505
Option 1 ID : 33344322020
Option 2 ID : 33344322017
Option 3 ID : 33344322018
Option 4 ID : 33344322019
Status : **Not Answered**
Chosen Option : --

Q.9 In a certain gear train, the driver has _____ teeth while the follower has 10 teeth. For every 16 turns of the driver the
8 follower turns 40 times.

- Ans
- 1. 15
 - 2. 25

3. 32

4. 8

Question ID : 3334435443
Option 1 ID : 33344321771
Option 2 ID : 33344321772
Option 3 ID : 33344321770
Option 4 ID : 33344321769
Status : **Not Answered**
Chosen Option : --

Q.9
9 Watt/steradian is the unit of _____.

Ans 1. electric conductance

2. permeability

3. permittivity

4. radiant intensity

Question ID : 3334435452
Option 1 ID : 33344321808
Option 2 ID : 33344321806
Option 3 ID : 33344321805
Option 4 ID : 33344321807
Status : **Answered**
Chosen Option : 4

Q.1
00 Siemens is the unit of _____.

Ans 1. electric conductance

2. permittivity

3. watt per steradian

4. permeability

Question ID : 3334435451
Option 1 ID : 33344321803
Option 2 ID : 33344321801
Option 3 ID : 33344321804
Option 4 ID : 33344321802
Status : **Not Answered**
Chosen Option : --

Section : Mechanic Diesel

Q.1 The crankshaft end play is measured by using:

Ans 1. Feeler gauge

2. Micrometer

3. Bore dial gauge

✓ 4. Dial gauge

Question ID : 3334435573
Option 1 ID : 33344322292
Option 2 ID : 33344322291
Option 3 ID : 33344322289
Option 4 ID : 33344322290
Status : Answered
Chosen Option : 2

Q.2 In a four stroke engine, each cylinder has:

- Ans
- 1. Six valves
 - 2. Two valves
 - 3. One valve
 - 4. Five valves

Question ID : 3334435562
Option 1 ID : 33344322248
Option 2 ID : 33344322246
Option 3 ID : 33344322245
Option 4 ID : 33344322247
Status : Answered
Chosen Option : 2

Q.3 The substance which is used for lubrication is called:

- Ans
- 1. Lubricant
 - 2. Antifreeze
 - 3. Coolant
 - 4. Liquified natural gas

Question ID : 3334435580
Option 1 ID : 33344322317
Option 2 ID : 33344322319
Option 3 ID : 33344322318
Option 4 ID : 33344322320
Status : Answered
Chosen Option : 1

Q.4 What is the function of an engine?

- Ans
- 1. It controls the vehicle.
 - 2. It steers the wheels.
 - 3. It stops the vehicle.
 - 4. It converts heat energy into mechanical energy.

Question ID : 3334435530
Option 1 ID : 33344322118
Option 2 ID : 33344322120
Option 3 ID : 33344322119
Option 4 ID : 33344322117

Status : Answered
Chosen Option : 4

Q.5 Expand EDC.

- Ans
- 1. Electronic digital centre
 - 2. Electronic diesel control
 - 3. Electrical diesel centre
 - 4. Electrical digital control

Question ID : 3334435587
Option 1 ID : 33344322347
Option 2 ID : 33344322345
Option 3 ID : 33344322346
Option 4 ID : 33344322348
Status : Answered
Chosen Option : 2

Q.6



Identify the name of the device from the above figure

- Ans
- 1. Common rail
 - 2. Fuel injector
 - 3. CRDI Pump
 - 4. Electronic diesel control

Question ID : 3334435581
Option 1 ID : 33344322323
Option 2 ID : 33344322324
Option 3 ID : 33344322322
Option 4 ID : 33344322321
Status : Not Answered
Chosen Option : --

Q.7 The main function of catalytic converter is:

- Ans
- 1. Reduce engine noise
 - 2. Increase fuel efficiency
 - 3. Reduce emission
 - 4. Increase engine RPM

Question ID : 3334435552

Option 1 ID : 33344322207

Option 2 ID : 33344322208

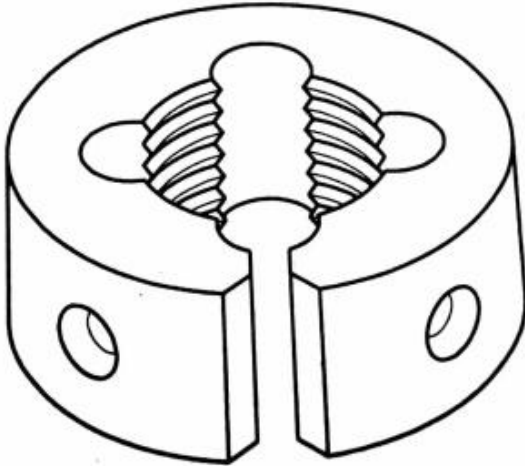
Option 3 ID : 33344322205

Option 4 ID : 33344322206

Status : Answered

Chosen Option : 3

Q.8



Identify the type of Die in the above Fig.

- Ans 1. Circular split Die
 2. Adjustable screw plate die
 3. Round Die
 4. Die nut

Question ID : 3334435570

Option 1 ID : 33344322280

Option 2 ID : 33344322278

Option 3 ID : 33344322279

Option 4 ID : 33344322277

Status : Answered

Chosen Option : 1

Q.9 What is the liner called, if the coolant directly contacts with the cylinder liner?

- Ans 1. Hard liner
 2. Wet liner
 3. Dry liner
 4. Soft liner

Question ID : 3334435574

Option 1 ID : 33344322296

Option 2 ID : 33344322294

Option 3 ID : 33344322293

Option 4 ID : 33344322295

Status : Answered

Chosen Option : 2

Q.10 In the latest vehicle's cooling system, hose pipes are made up of:

- Ans
- 1. Hard rubber
 - 2. Cork rubber
 - 3. Synthetic rubber
 - 4. Teflon tape

Question ID : 3334435576
Option 1 ID : 33344322301
Option 2 ID : 33344322303
Option 3 ID : 33344322302
Option 4 ID : 33344322304
Status : Answered
Chosen Option : 4

Q.1
1 What is the cause for engine oil getting mixed with the coolant?

- Ans
- 1. A broken / damaged main journal bearing
 - 2. A broken / damaged head gasket
 - 3. A broken / damaged big end bearing
 - 4. A broken / damaged crankshaft

Question ID : 3334435535
Option 1 ID : 33344322140
Option 2 ID : 33344322137
Option 3 ID : 33344322139
Option 4 ID : 33344322138
Status : Not Answered
Chosen Option : --

Q.1
2 Which of the following are types of water circulations in a radiator?

- Ans
- 1. From engine to lower tank
 - 2. Lower tank to upper tank
 - 3. From engine to water tank
 - 4. Upper tank to lower tank

Question ID : 3334435595
Option 1 ID : 33344322379
Option 2 ID : 33344322377
Option 3 ID : 33344322380
Option 4 ID : 33344322378
Status : Not Answered
Chosen Option : --

Q.1
3 Exhaust valve is made up of which of the following?

- Ans
- 1. Nickel chromium steel
 - 2. Silicon chromium steel
 - 3. Aluminium alloy

4. High carbon steel

Question ID : 3334435577
Option 1 ID : 33344322306
Option 2 ID : 33344322305
Option 3 ID : 33344322307
Option 4 ID : 33344322308
Status : Answered
Chosen Option : 2

Q.1
4 Expand the term i-VTEC.

- Ans
- 1. Variable valve timing
 - 2. Continuous variable valve timing
 - 3. Intelligent Variable valve timing and lift electronic control
 - 4. Variable valve timing and lift electronic control

Question ID : 3334435561
Option 1 ID : 33344322244
Option 2 ID : 33344322242
Option 3 ID : 33344322241
Option 4 ID : 33344322243
Status : Answered
Chosen Option : 3

Q.1
5 How does the 'Ratchet stop' in the micrometer help?

- Ans
- 1. Control the pressure
 - 2. Hold the work piece
 - 3. Adjust zero error
 - 4. Lock the spindle

Question ID : 3334435585
Option 1 ID : 33344322337
Option 2 ID : 33344322340
Option 3 ID : 33344322339
Option 4 ID : 33344322338
Status : Answered
Chosen Option : 1

Q.1
6 Hydraulically Actuated Electronically controlled Unit Injector is used in:

- Ans
- 1. Auto-rickshaws
 - 2. Trucks
 - 3. Cars
 - 4. Motorbikes

Question ID : 3334435591
Option 1 ID : 33344322363
Option 2 ID : 33344322364
Option 3 ID : 33344322362

Option 4 ID : 33344322361
Status : Answered
Chosen Option : 2

Q.1
7



Find the name of the tool in the above Figure.

- Ans
- 1. Torque wrench
 - 2. Screw driver
 - 3. Scale
 - 4. Allen key

Question ID : 3334435531
Option 1 ID : 33344322123
Option 2 ID : 33344322121
Option 3 ID : 33344322122
Option 4 ID : 33344322124
Status : Answered
Chosen Option : 4

Q.1
8

The space (volume) between the cylinder head and the piston head, when the piston is at TDC is called:

- Ans
- 1. Stroke volume
 - 2. Swept volume
 - 3. Total volume
 - 4. Clearance volume

Question ID : 3334435557
Option 1 ID : 33344322228
Option 2 ID : 33344322225
Option 3 ID : 33344322227
Option 4 ID : 33344322226
Status : Answered
Chosen Option : 4

Q.1
9

Firing order of six cylinder diesel engine:

- Ans
- 1. 654321
 - 2. 124356
 - 3. 153624
 - 4. 123456

Question ID : 3334435599
Option 1 ID : 33344322395
Option 2 ID : 33344322396
Option 3 ID : 33344322393
Option 4 ID : 33344322394
Status : Answered
Chosen Option : 3

Q.2 A system that forces fresh air into the exhaust ports or catalytic converter to reduce HC and CO emissions is called:
0

- Ans
- 1. Cooling system
 - 2. Air Injection system
 - 3. Fuel injection system
 - 4. Lubrication system

Question ID : 3334435593
Option 1 ID : 33344322372
Option 2 ID : 33344322369
Option 3 ID : 33344322370
Option 4 ID : 33344322371
Status : Answered
Chosen Option : 4

Q.2 What does "NDT" stand for?
1

- Ans
- 1. Non-driving test
 - 2. Non-destructive test
 - 3. Non-dry test
 - 4. Non-dial test

Question ID : 3334435554
Option 1 ID : 33344322213
Option 2 ID : 33344322214
Option 3 ID : 33344322216
Option 4 ID : 33344322215
Status : Answered
Chosen Option : 2

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

- Ans
- 1. Water pump inlet
 - 2. Water jacket
 - 3. Below the radiator
 - 4. Water outlet elbow

Question ID : 3334435594
Option 1 ID : 33344322373
Option 2 ID : 33344322375
Option 3 ID : 33344322376
Option 4 ID : 33344322374
Status : Answered

Chosen Option : 1

Q.2
3 In the diesel engine, intake manifolds is connected to:

- Ans
- 1. Cylinder Block
 - 2. Crankcase
 - 3. Sump
 - 4. Cylinder Head

Question ID : 3334435560

Option 1 ID : 33344322238

Option 2 ID : 33344322239

Option 3 ID : 33344322240

Option 4 ID : 33344322237

Status : Answered

Chosen Option : 1

Q.2
4 What is the function of a sensor in electronic diesel control system engine?

- Ans
- 1. Senses the information in the form of physical and chemical variables

- 2. Controls the pressure
- 3. Does the mechanical work
- 4. Controls the fuel supply

Question ID : 3334435588

Option 1 ID : 33344322349

Option 2 ID : 33344322352

Option 3 ID : 33344322350

Option 4 ID : 33344322351

Status : Answered

Chosen Option : 4

Q.2
5 Drill chucks are held on the machine spindle by means of which of the following?

- Ans
- 1. Arbor
 - 2. Drift
 - 3. Chuck nut
 - 4. Draw-in-bar

Question ID : 3334435540

Option 1 ID : 33344322157

Option 2 ID : 33344322158

Option 3 ID : 33344322160

Option 4 ID : 33344322159

Status : Answered

Chosen Option : 3

Q.2
6 In oxy-acetylene welding, the mixture of oxygen and acetylene in neutral flame is:

- Ans
- 1. 1 : 3

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

Question ID : 3334435551
Option 1 ID : 33344322203
Option 2 ID : 33344322201
Option 3 ID : 33344322202
Option 4 ID : 33344322204
Status : Answered
Chosen Option : 2

Q.2
7 A feeler gauge is used for which of the following?

- Ans
- 1. Adjusting the parts for play
 - 2. Checking radii of jobs
 - 3. Checking the gap between mating parts
 - 4. Checking accuracy of holes

Question ID : 3334435592
Option 1 ID : 33344322365
Option 2 ID : 33344322367
Option 3 ID : 33344322366
Option 4 ID : 33344322368
Status : Answered
Chosen Option : 3

Q.2
8 Which type of fuel feed pump is used in conventional inline fuel injection pump?

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

Question ID : 3334435586
Option 1 ID : 33344322343
Option 2 ID : 33344322341
Option 3 ID : 33344322342
Option 4 ID : 33344322344
Status : Not Answered
Chosen Option : --

Q.2
9 Crankshaft is made of which of the following material?

- Ans
- 1. Cast iron
 - 2. Heat treated alloy steel
 - 3. Aluminum alloy
 - 4. High speed steel

Question ID : 3334435600
Option 1 ID : 33344322397
Option 2 ID : 33344322399
Option 3 ID : 33344322398
Option 4 ID : 33344322400
Status : Answered
Chosen Option : 3

Q.3 If a four stroke, 4 cylinder inline engine has 16 valves, the number of camshafts required to operate the 16 valves:
0

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

Question ID : 3334435567
Option 1 ID : 33344322266
Option 2 ID : 33344322265
Option 3 ID : 33344322268
Option 4 ID : 33344322267
Status : Not Answered
Chosen Option : --

Q.3 Which of the following is the example of Multi-viscosity oil?
1

- Ans
- 1. SAE 20 W 40
 - 2. SAE 30 W
 - 3. SAE 20 S
 - 4. SAE 20

Question ID : 3334435579
Option 1 ID : 33344322315
Option 2 ID : 33344322314
Option 3 ID : 33344322313
Option 4 ID : 33344322316
Status : Answered
Chosen Option : 1

Q.3 A 12 Volts Lead-Acid battery consists of:
2

- Ans
- 1. Three cells in parallel
 - 2. Three cells in series
 - 3. Six cells in series
 - 4. Six cells in parallel

Question ID : 3334435545
Option 1 ID : 33344322179
Option 2 ID : 33344322177
Option 3 ID : 33344322178
Option 4 ID : 33344322180
Status : Not Answered
Chosen Option : --

Q.3
3 Example of solid lubricant is:

- Ans 1. Graphite
 2. Oil
 3. Diesel
 4. Grease

Question ID : 3334435578
Option 1 ID : 33344322311
Option 2 ID : 33344322309
Option 3 ID : 33344322312
Option 4 ID : 33344322310
Status : Answered
Chosen Option : 1

Q.3
4 Engine back pressure is caused by:

- Ans 1. Fuel system
 2. Cooling system
 3. Exhaust system
 4. Air intake system

Question ID : 3334435528
Option 1 ID : 33344322109
Option 2 ID : 33344322112
Option 3 ID : 33344322110
Option 4 ID : 33344322111
Status : Answered
Chosen Option : 4

Q.3
5 Design and study of work environment to address physical and psychological demands of individuals is classified as:

- Ans 1. Ergonomics
 2. Cumulative trauma disorders
 3. Tag in regulations
 4. Tag out regulations

Question ID : 3334435526
Option 1 ID : 33344322101
Option 2 ID : 33344322102
Option 3 ID : 33344322104
Option 4 ID : 33344322103
Status : Not Answered
Chosen Option : --

Q.3
6 Expand the term MIL.

- Ans 1. Miss integrated lamp
 2. Minimum illumination lamp

3. Malfunction Indicator Lamp

4. Most important lamp

Question ID : 3334435559
Option 1 ID : 33344322236
Option 2 ID : 33344322234
Option 3 ID : 33344322233
Option 4 ID : 33344322235
Status : Not Answered
Chosen Option : --

Q.3
7 A Bent snip is used for:

Ans 1. Making holes on the sheet

2. Cutting the sheet along the curved line

3. Removing the burr

4. Bending the sheet

Question ID : 3334435543
Option 1 ID : 33344322170
Option 2 ID : 33344322172
Option 3 ID : 33344322169
Option 4 ID : 33344322171
Status : Not Answered
Chosen Option : --

Q.3
8 In actual valve timing diagram, 'Inlet valve' closes at:

Ans 1. 30°-40° after TDC

2. 60°-80° after BDC

3. 60°-80° after TDC

4. 30°-40° after BDC

Question ID : 3334435563
Option 1 ID : 33344322250
Option 2 ID : 33344322251
Option 3 ID : 33344322252
Option 4 ID : 33344322249
Status : Not Answered
Chosen Option : --

Q.3
9 Piston rings are placed in the ____.

Ans 1. Piston skirt

2. Piston pin

3. Piston grooves

4. Piston crown

Question ID : 3334435565
Option 1 ID : 33344322259

Option 2 ID : 33344322260
Option 3 ID : 33344322257
Option 4 ID : 33344322258
Status : Answered
Chosen Option : 3

Q.4
0 A measure of fluid's resistance to flow is called:

- Ans
- 1. Freeze point
 - 2. Fire point
 - 3. Viscosity
 - 4. Cloud point

Question ID : 3334435553
Option 1 ID : 33344322209
Option 2 ID : 33344322210
Option 3 ID : 33344322212
Option 4 ID : 33344322211
Status : Answered
Chosen Option : 3

Q.4
1 In I-Head engine, the valves are arranged in the:

- Ans
- 1. Cylinder head and cylinder block
 - 2. Cylinder block
 - 3. Cylinder head
 - 4. Cylinder block and crankcase

Question ID : 3334435539
Option 1 ID : 33344322155
Option 2 ID : 33344322154
Option 3 ID : 33344322153
Option 4 ID : 33344322156
Status : Answered
Chosen Option : 4

Q.4
2 A substance that acts as a conductor partially, depending on its operation and application is called:

- Ans
- 1. Actuator
 - 2. Semi-conductor
 - 3. Sensor
 - 4. Conductor

Question ID : 3334435548
Option 1 ID : 33344322192
Option 2 ID : 33344322191
Option 3 ID : 33344322190
Option 4 ID : 33344322189
Status : Not Answered
Chosen Option : --

Q.4
3 “V” is a type of which of the following permanent joint?

- Ans
- 1. Riveting
 - 2. Welding
 - 3. Soldering
 - 4. Press fit

Question ID : 3334435550
Option 1 ID : 33344322198
Option 2 ID : 33344322197
Option 3 ID : 33344322200
Option 4 ID : 33344322199
Status : Answered
Chosen Option : 2

Q.4
4 Which of the following is an example of an electrical conductor?

- Ans
- 1. Copper
 - 2. Porcelain
 - 3. Plastic
 - 4. Wood

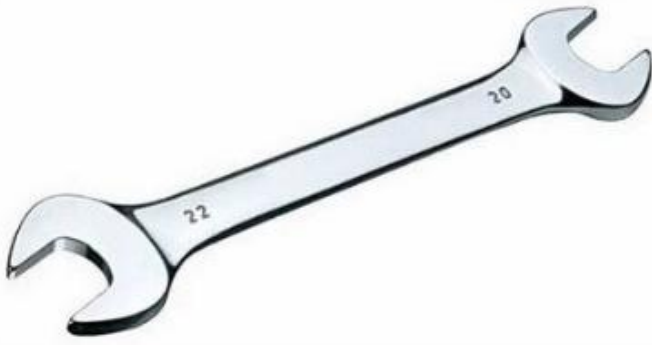
Question ID : 3334435544
Option 1 ID : 33344322173
Option 2 ID : 33344322176
Option 3 ID : 33344322174
Option 4 ID : 33344322175
Status : Answered
Chosen Option : 1

Q.4
5 Ammeter is used to measure which of the following?

- Ans
- 1. Current
 - 2. Power
 - 3. Voltage
 - 4. Resistance

Question ID : 3334435598
Option 1 ID : 33344322390
Option 2 ID : 33344322391
Option 3 ID : 33344322389
Option 4 ID : 33344322392
Status : Answered
Chosen Option : 1

Q.4
6



Find the name of the tool in the above figure.

- Ans
- 1. Double ended spanner
 - 2. Box spanner
 - 3. Tubular spanner
 - 4. Ring spanner

Question ID : 3334435529
Option 1 ID : 33344322114
Option 2 ID : 33344322115
Option 3 ID : 33344322116
Option 4 ID : 33344322113
Status : Answered
Chosen Option : 1

Q.4
7 The cutting angle for chipping mild steel is:

- Ans
- 1. 90°
 - 2. 55°
 - 3. 30°
 - 4. 70°

Question ID : 3334435538
Option 1 ID : 33344322152
Option 2 ID : 33344322150
Option 3 ID : 33344322149
Option 4 ID : 33344322151
Status : Not Answered
Chosen Option : --

Q.4
8 One working stroke for each revolution of the crankshaft is called:

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

Question ID : 3334435556
Option 1 ID : 33344322222
Option 2 ID : 33344322224
Option 3 ID : 33344322223

Option 4 ID : 3334432221
Status : Not Answered
Chosen Option : --

Q.4
9 Which one of the following is used to measure the ovality of a cylinder bore?

- Ans
- 1. Vacuum gauge
 - 2. Height gauge
 - 3. Pressure gauge
 - 4. Dial bore gauge

Question ID : 3334435532
Option 1 ID : 33344322125
Option 2 ID : 33344322126
Option 3 ID : 33344322128
Option 4 ID : 33344322127
Status : Answered
Chosen Option : 4

Q.5
0 Which of the following fuel is used in distributor type fuel injection pump?

- Ans
- 1. Kerosene
 - 2. Diesel
 - 3. Petrol
 - 4. Engine oil

Question ID : 3334435597
Option 1 ID : 33344322388
Option 2 ID : 33344322385
Option 3 ID : 33344322386
Option 4 ID : 33344322387
Status : Answered
Chosen Option : 2

Q.5
1 Which of the following is not type of muffler?

- Ans
- 1. Absorbent
 - 2. Resonance
 - 3. Baffle
 - 4. Radiant

Question ID : 3334435527
Option 1 ID : 33344322105
Option 2 ID : 33344322107
Option 3 ID : 33344322106
Option 4 ID : 33344322108
Status : Not Answered
Chosen Option : --

Q.5
2 A semiconductor device that allows current flow in one direction but resists it in other direction is called:

Ans

- 1. Diode
- 2. Relay
- 3. Fuse
- 4. Insulator

Question ID : 3334435549
Option 1 ID : 33344322195
Option 2 ID : 33344322194
Option 3 ID : 33344322193
Option 4 ID : 33344322196
Status : Answered
Chosen Option : 1

Q.5
3 A flywheel is made of:

- Ans
- 1. Tin
 - 2. Lead
 - 3. Cast iron
 - 4. Copper

Question ID : 3334435569
Option 1 ID : 33344322275
Option 2 ID : 33344322276
Option 3 ID : 33344322273
Option 4 ID : 33344322274
Status : Answered
Chosen Option : 3

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

- Ans
- 1. Solenoid valve
 - 2. Poppet valve
 - 3. Reed valve
 - 4. CB Point

Question ID : 3334435589
Option 1 ID : 33344322353
Option 2 ID : 33344322354
Option 3 ID : 33344322355
Option 4 ID : 33344322356
Status : Not Answered
Chosen Option : --

Q.5
5 Which device does not allow the coolant from the engine to the radiator till the engine temperature reaches at normal working temperature?

- Ans
- 1. EVAP Valve
 - 2. EGR Valve
 - 3. Thermostat Valve
 - 4. Throttle valve

Question ID : 3334435575
Option 1 ID : 33344322300
Option 2 ID : 33344322297
Option 3 ID : 33344322298
Option 4 ID : 33344322299
Status : Answered
Chosen Option : 3

Q.5
6 Compressor is a part of which of the following?

- Ans
- 1. Oil pump
 - 2. Water pump
 - 3. Fuel injection pump
 - 4. Turbo charger

Question ID : 3334435596
Option 1 ID : 33344322382
Option 2 ID : 33344322381
Option 3 ID : 33344322383
Option 4 ID : 33344322384
Status : Answered
Chosen Option : 4

Q.5
7 What is the purpose of oxygen sensor?

- Ans
- 1. Monitor the oxygen in the exhaust gases as they leave the engine
 - 2. Reduce the exhaust temperature
 - 3. Reduce noise and pressure
 - 4. Convert harmful gases to useful gases

Question ID : 3334435583
Option 1 ID : 33344322329
Option 2 ID : 33344322332
Option 3 ID : 33344322331
Option 4 ID : 33344322330
Status : Not Answered
Chosen Option : --

Q.5
8 For cutting solid brass, the most suitable pitch of a hacksaw blade is:

- Ans
- 1. 0.8 mm
 - 2. 1.4 mm
 - 3. 1.8 mm
 - 4. 1 mm

Question ID : 3334435537
Option 1 ID : 33344322148
Option 2 ID : 33344322146
Option 3 ID : 33344322145
Option 4 ID : 33344322147

Status : Answered
Chosen Option : 3

Q.5 In a 3 way catalytic converter, reduction of nitrogen oxides to nitrogen and oxygen, is one of the following chemical reaction:

- Ans
- 1. $2\text{CO} + \text{O}_2 \rightarrow 2\text{CO}_2$
 - 2. $x\text{H}_2\text{x} + 2 + [(3x + 1)/2] \text{O}_2 \rightarrow x\text{CO}_2 + (x + 1) \text{H}_2\text{O}$
 - 3. $2\text{NO}_x \rightarrow x\text{O}_2 + \text{N}_2$
 - 4. $2\text{NO}_x \rightarrow x\text{O}_2 + 2\text{CO}_2$

Question ID : 3334435582
Option 1 ID : 33344322326
Option 2 ID : 33344322327
Option 3 ID : 33344322325
Option 4 ID : 33344322328
Status : Not Answered
Chosen Option : --

Q.6 Internal V threads are checked by:

- Ans
- 1. Scale
 - 2. Thread plug gauge
 - 3. Thread ring gauge
 - 4. Feeler gauge

Question ID : 3334435541
Option 1 ID : 33344322164
Option 2 ID : 33344322161
Option 3 ID : 33344322162
Option 4 ID : 33344322163
Status : Not Answered
Chosen Option : --

Q.6 Exhaust pipe is made of:

- Ans
- 1. Zinc alloy
 - 2. Ferrous alloy
 - 3. Aluminum alloy
 - 4. Copper alloy

Question ID : 3334435568
Option 1 ID : 33344322272
Option 2 ID : 33344322270
Option 3 ID : 33344322271
Option 4 ID : 33344322269
Status : Answered
Chosen Option : 2

Q.6 Which diode is used for voltage regulation?

- Ans 1. Zener diode
 2. Signal diode
 3. Rectifier diode
 4. Varicap diode

Question ID : 3334435542
Option 1 ID : 33344322166
Option 2 ID : 33344322167
Option 3 ID : 33344322165
Option 4 ID : 33344322168
Status : Not Answered
Chosen Option : --

Q.6
3 Supercharger is driven by:

- Ans 1. Crankshaft
 2. Motor
 3. Exhaust gas
 4. Camshaft

Question ID : 3334435590
Option 1 ID : 33344322357
Option 2 ID : 33344322359
Option 3 ID : 33344322360
Option 4 ID : 33344322358
Status : Answered
Chosen Option : 2

Q.6
4 A magnetically operated switch used to make or break current flow in a circuit is called:

- Ans 1. Rectifier
 2. Fuse
 3. Voltmeter
 4. Relay

Question ID : 3334435547
Option 1 ID : 33344322187
Option 2 ID : 33344322185
Option 3 ID : 33344322188
Option 4 ID : 33344322186
Status : Not Answered
Chosen Option : --

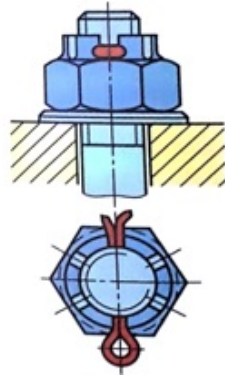
Q.6
5 Cylinder head of I.C. Engine is made up of:

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

Question ID : 3334435534
Option 1 ID : 33344322136
Option 2 ID : 33344322134
Option 3 ID : 33344322135
Option 4 ID : 33344322133
Status : Answered
Chosen Option : 3

Q.6 Identify the locking arrangement of the below figure.

6



- Ans
- 1. Wire fasteners
 - 2. Corrugated head screw
 - 3. Tab washers
 - 4. Castle nut with split pin

Question ID : 3334435536
Option 1 ID : 33344322143
Option 2 ID : 33344322142
Option 3 ID : 33344322144
Option 4 ID : 33344322141
Status : Answered
Chosen Option : 2

Q.6 If the coolant is in indirect contact with the cylinder liner, then it is called:

7

- Ans
- 1. Dry liner
 - 2. Hard liner
 - 3. Wet liner
 - 4. Soft liner

Question ID : 3334435571
Option 1 ID : 33344322281
Option 2 ID : 33344322284
Option 3 ID : 33344322282
Option 4 ID : 33344322283
Status : Answered
Chosen Option : 1

Q.6 Expand the term NATRIP.

8

- Ans
- 1. National Audit Testing and R&D Indian Project
 - 2.

National Automotive Testing and R&D Infrastructure Project

3.

Non-Automotive Testing and Registered Infrastructure Pvt. Ltd

4.

National Alternator Testing and Registered Infrastructure Pvt. Ltd

Question ID : 3334435555
Option 1 ID : 33344322218
Option 2 ID : 33344322217
Option 3 ID : 33344322219
Option 4 ID : 33344322220
Status : Answered
Chosen Option : 2

Q.6
9 The ceramic coating protect exhaust system from:

- Ans 1. Rust and corrosion
 2. Harmful chemical
 3. Ultraviolet radiation
 4. Engine vibration

Question ID : 3334435533
Option 1 ID : 33344322130
Option 2 ID : 33344322132
Option 3 ID : 33344322131
Option 4 ID : 33344322129
Status : Answered
Chosen Option : 1

Q.7
0 Which of the following rotates immediately on giving the current to self-starter?

- Ans 1. Armature shaft
 2. Ring gear
 3. Body
 4. Flywheel

Question ID : 3334435566
Option 1 ID : 33344322264
Option 2 ID : 33344322262
Option 3 ID : 33344322261
Option 4 ID : 33344322263
Status : Not Answered
Chosen Option : --

Q.7
1 If the air and fuel mixture burns inside the engine cylinder, that engine is called as:

- Ans 1. Internal combustion engine
 2. Electrical engine
 3. Hydrogen engine

4. External combustion engine

Question ID : 3334435558
Option 1 ID : 33344322230
Option 2 ID : 33344322232
Option 3 ID : 33344322231
Option 4 ID : 33344322229
Status : Answered
Chosen Option : 1

Q.7
2 In Lead-Acid battery, electrolyte is the combination of:

- Ans
- 1. Methanol and distilled water
 - 2. Ethanol and soap water
 - 3. Sulphuric acid and wood alcohol
 - 4. Sulphuric acid and distilled water

Question ID : 3334435546
Option 1 ID : 33344322181
Option 2 ID : 33344322184
Option 3 ID : 33344322183
Option 4 ID : 33344322182
Status : Answered
Chosen Option : 4

Q.7
3 Which of the following is the tool used for laying out large circle?

- Ans
- 1. Trammel
 - 2. Divider
 - 3. Jenny caliper
 - 4. Scriber

Question ID : 3334435584
Option 1 ID : 33344322333
Option 2 ID : 33344322334
Option 3 ID : 33344322335
Option 4 ID : 33344322336
Status : Answered
Chosen Option : 1

Q.7
4 The bottom half portion of the cylinder block and sump together is called:

- Ans
- 1. Crankcase
 - 2. Cylinder head
 - 3. Sump
 - 4. Cylinder block

Question ID : 3334435572
Option 1 ID : 33344322288
Option 2 ID : 33344322285
Option 3 ID : 33344322287

Option 4 ID : 33344322286
Status : Answered
Chosen Option : 1

Q.7
5 The clearance or gap between the cylinder wall and piston is called:

- Ans
- ✓ 1. Piston clearance
 - ✗ 2. Swept volume
 - ✗ 3. Clearance volume
 - ✗ 4. Total volume

Question ID : 3334435564
Option 1 ID : 33344322253
Option 2 ID : 33344322255
Option 3 ID : 33344322254
Option 4 ID : 33344322256
Status : Answered
Chosen Option : 1



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