



RAILWAY RECRUITMENT BOARDS

रेलवे भर्ती बोर्ड

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

Roll No:	Join Telegram
Participants Name:	
Test Center Name:	iON Digital Zone iDZ 2 Sector 62
Test Date:	23/01/2019
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 A _____ projection is an oblique projection in which the depth of the object is shown in full size.

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

Question ID : 7079669475
 Option 1 ID : 70796637899
 Option 2 ID : 70796637897
 Option 3 ID : 70796637898
 Option 4 ID : 70796637900
 Status : Not Answered
 Chosen Option : --

Q.2 A _____ diagram is a schematic drawing that shows the relationships in a system, using simple shapes for the entities.

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

Question ID : 7079669474
 Option 1 ID : 70796637893
 Option 2 ID : 70796637894
 Option 3 ID : 70796637895
 Option 4 ID : 70796637896
 Status : Answered
 Chosen Option : 3

Q.3 A alone can paint a wall in 50 days and B alone can do it in 10 days. If A, B and C together can paint the wall in 6.25 days, then in how many days can C alone paint the wall?

- Ans ☒ 1. 25
- ☒ 2. 15
- ☒ 3. 20

 4. 40

Question ID : 7079669512
Option 1 ID : 70796638048
Option 2 ID : 70796638046
Option 3 ID : 70796638045
Option 4 ID : 70796638047
Status : Answered
Chosen Option : 1


Q.4 One statement is given followed by two assumptions labelled I and II. You have to consider the statement to be true, even if it seems to be at variance with commonly known facts, and decide which of the given assumptions is/are implicit in the given statement.


Statement:


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


Assumptions:

- I. Fighter pilots should be presentable as they are role models for the young.
II. Only certain body types can fit in a fighter plane cockpit.

Ans  1. Only assumption II is implicit.


 2. Neither assumption I nor II is implicit.


 3. Both assumptions I and II are implicit.


 4. Only assumption I is implicit.


Question ID : 7079669544
Option 1 ID : 70796638174
Option 2 ID : 70796638175
Option 3 ID : 70796638176
Option 4 ID : 70796638173
Status : Answered
Chosen Option : 1

Q.5 A pilgrim starts from her house to visit various places. She walks 13 km towards the east, then turns towards the north and walks 11 km, then turns towards the west and walks 7 km, then turns towards the south and walks 6 km and finally turns to her right and walks 6 km. Where is she now with respect to her starting position?

Ans  1. 16 km south

 2. 5 km south


 3. 16 km north


 4. 5 km north

Question ID : 7079669543
Option 1 ID : 70796638171
Option 2 ID : 70796638169
Option 3 ID : 70796638170
Option 4 ID : 70796638172
Status : Answered
Chosen Option : 4

Q.6 Find the efficiency of a pump (rated 400 W) that can lift 500 kg of water by 30 m in 10 minutes. (Use $g = 10\text{m/s}^2$)

Ans  1. 84.00%

 2. 92.00%

 3. 62.50%

 4. 77.50%

Question ID : 7079669461
Option 1 ID : 70796637841

Option 2 ID : 70796637844
 Option 3 ID : 70796637843
 Option 4 ID : 70796637842
 Status : Answered
 Chosen Option : 3

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

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

Question ID : 7079669471
 Option 1 ID : 70796637884
 Option 2 ID : 70796637882
 Option 3 ID : 70796637881
 Option 4 ID : 70796637883
 Status : Answered
 Chosen Option : 2

Q.8 If 90 J of work is done in moving a charge of 2,000 coulombs across V volts, find V.

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

Question ID : 7079669486
 Option 1 ID : 70796637944
 Option 2 ID : 70796637943
 Option 3 ID : 70796637942
 Option 4 ID : 70796637941
 Status : Answered
 Chosen Option : 4

Q.9 The total surface area of a cuboid is 236 cm^2 . Its length is 8 cm and height is 6 cm. Find its breadth (in cm).

- Ans ☒ 1. 5
☒ 2. 7
☒ 3. 4
☒ 4. 9

Question ID : 7079669510
 Option 1 ID : 70796638040
 Option 2 ID : 70796638037
 Option 3 ID : 70796638039
 Option 4 ID : 70796638038
 Status : Answered
 Chosen Option : 1

Q.1
0 Solve the following.

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

- Ans ☒ 1. 1.2
☒ 2. 0.6
☒ 3. 0.9

✓ 4. 0.8

Question ID : 7079669522
 Option 1 ID : 70796638086
 Option 2 ID : 70796638087
 Option 3 ID : 70796638088
 Option 4 ID : 70796638085
 Status : Answered
 Chosen Option : 4

Q.1
1 What is the area (in cm^2) of a regular hexagon of side 10 cm?

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

Question ID : 7079669509
 Option 1 ID : 70796638033
 Option 2 ID : 70796638034
 Option 3 ID : 70796638035
 Option 4 ID : 70796638036
 Status : Answered
 Chosen Option : 2

Q.1
2 In a certain gear train, the driver has 24 teeth while the follower has 8 teeth. For every _____ turns of the driver, the follower turns 36 times.

Ans ✗ 1. 10
 ✓ 2. 12
 ✗ 3. 9
 ✗ 4. 4

Question ID : 7079669468
 Option 1 ID : 70796637871
 Option 2 ID : 70796637870
 Option 3 ID : 70796637872
 Option 4 ID : 70796637869
 Status : Answered
 Chosen Option : 2

Q.1
3 From a 50-m-long steel bar, a workman has to cut off as many 5.25-m-long pieces as possible. What decimal fraction of the whole will be left?

Ans ✗ 1. 0.025
 ✗ 2. 0.035
 ✗ 3. 0.045
 ✓ 4. 0.055

Question ID : 7079669504
 Option 1 ID : 70796638014
 Option 2 ID : 70796638016
 Option 3 ID : 70796638015
 Option 4 ID : 70796638013
 Status : Answered
 Chosen Option : 4

Q.1
4 What is the angle between the hour hand and the minute hand of a clock at quarter past three?

- Ans  1. 8.5°
 2. 6.5°
 3. 7.5°
 4. 9.5°





Question ID : 7079669524
 Option 1 ID : 70796638094
 Option 2 ID : 70796638093
 Option 3 ID : 70796638095
 Option 4 ID : 70796638096
 Status : Answered
 Chosen Option : 3

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

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

Question ID : 7079669517
 Option 1 ID : 70796638068
 Option 2 ID : 70796638067
 Option 3 ID : 70796638065
 Option 4 ID : 70796638066
 Status : Answered
 Chosen Option : 3

Q.1
6 Which of the following gives the correct relation between power 'P', resistance 'R' and charge 'Q' flowing through a wire in 't' seconds?

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

Question ID : 7079669464
 Option 1 ID : 70796637854
 Option 2 ID : 70796637856
 Option 3 ID : 70796637853
 Option 4 ID : 70796637855
 Status : Answered
 Chosen Option : 1

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

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

Question ID : 7079669488
 Option 1 ID : 70796637951
 Option 2 ID : 70796637949
 Option 3 ID : 70796637950
 Option 4 ID : 70796637952
 Status : Answered
 Chosen Option : 4

Q.1 पैरासिटामॉल, प्राथमिक चिकित्सा बक्से (फर्स्ट-एड बॉक्स) में मौजूद होती हैं। इन दवाओं को कब लिया जाना चाहिए?

Ans

✓ 1. हल्के दर्द और तेज बुखार को कम करने के लिए।

✗ 2. अपच एवं सीने में जलन को कम करने के लिए

✗ 3. अस्थिमा से राहत पाने के लिए

✗ 4.

परागज ज्वर (हे फीवर) और अन्य एलर्जी के लक्षणों को कम करने के लिए

Question ID : 7079669492

Option 1 ID : 70796637968

Option 2 ID : 70796637967

Option 3 ID : 70796637966

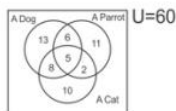
Option 4 ID : 70796637965

Status : Answered

Chosen Option : 1

Q.1 The given Venn diagram shows the pet(s) that each house in a society has. How many houses have only two pets?

9



Ans

✗ 1. 21

✗ 2. 5

✓ 3. 16

✗ 4. 15

Question ID : 7079669537

Option 1 ID : 70796638147

Option 2 ID : 70796638145

Option 3 ID : 70796638146

Option 4 ID : 70796638148

Status : Answered

Chosen Option : 3

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

0

800 kg/m^3)

Ans

✓ 1. 8,000

✗ 2. 1,250

✗ 3. 800

✗ 4. 12,500

Question ID : 7079669466

Option 1 ID : 70796637863

Option 2 ID : 70796637862

Option 3 ID : 70796637861

Option 4 ID : 70796637864

Status : Answered

Chosen Option : 1

Q.2 The area of A0 size paper is _____.

1

Ans

✓ 1. $10,000\text{ cm}^2$

✗ 2. $1,000\text{ cm}^2$

☒ 3. 100 cm^2

☒ 4. 1 cm^2

Question ID : 7079669462

Option 1 ID : 70796637845

Option 2 ID : 70796637848

Option 3 ID : 70796637846

Option 4 ID : 70796637847

Status : Answered

Chosen Option : 3

Q.2 In a certain code, EXACT is written as 91685 and MILK is written as 7243. Using the same code, MELT will be written as _____.

Ans ☒ 1. 7945

☒ 2. 9285

☒ 3. 5384

☒ 4. 8794

Question ID : 7079669530

Option 1 ID : 70796638120

Option 2 ID : 70796638119

Option 3 ID : 70796638117

Option 4 ID : 70796638118

Status : Answered

Chosen Option : 1

Q.2 Select the option that is related to the third word on the same basis as the second word is related to the first word. Pipe:
3 Cylinder:: Moon : ?

Ans ☒ 1. Sphere

☒ 2. Earth

☒ 3. Night

☒ 4. Stars

Question ID : 7079669527

Option 1 ID : 70796638106

Option 2 ID : 70796638105

Option 3 ID : 70796638107

Option 4 ID : 70796638108

Status : Answered

Chosen Option : 1

Q.2 The ratio of the present ages of Leela and her mother is 3:8. The mother was 25 years old when Leela was born. Find the mother's present age (in years).

Ans ☒ 1. 56

☒ 2. 40

☒ 3. 48

☒ 4. 52

Question ID : 7079669523

Option 1 ID : 70796638091

Option 2 ID : 70796638090

Option 3 ID : 70796638089

Option 4 ID : 70796638092

Status : Answered

Chosen Option : 2

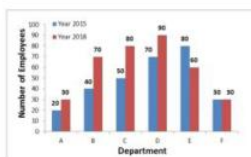
Q.2

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

- Ans ☒ 1. 4
☒ 2. 100
☒ 3. 10
☒ 4. 2

Question ID : 7079669533
 Option 1 ID : 70796638129
 Option 2 ID : 70796638132
 Option 3 ID : 70796638131
 Option 4 ID : 70796638130
 Status : Answered
 Chosen Option : 2

Q.2 A company has six departments. The given bar graph shows the number of employees in each department for the years 2015 and 2018. The company added 80 new employees and fired some employees between the years 2015 and 2018. All the employees who were fired were from department C. If the employees of department C had NOT been fired, then the employee strength of department C in 2018 would have been greater by _____.



- Ans ☒ 1. 10%
☒ 2. 12.5%
☒ 3. 17.5%
☒ 4. 20%

Question ID : 7079669545
 Option 1 ID : 70796638177
 Option 2 ID : 70796638178
 Option 3 ID : 70796638179
 Option 4 ID : 70796638180
 Status : Answered
 Chosen Option : 2

Q.2 7 If $a^2 + b^2 = 53$ and $ab = 14$, then find the value of $a + b$.

- Ans ☒ 1. 5
☒ 2. 15
☒ 3. 12
☒ 4. 9

Question ID : 7079669518
 Option 1 ID : 70796638071
 Option 2 ID : 70796638069
 Option 3 ID : 70796638072
 Option 4 ID : 70796638070
 Status : Answered
 Chosen Option : 4





Q.2 8 Pipe A can fill a tank in 12 hours. Pipe B can empty it in X hours. If both the pipes are opened together, then the tank will be filled in 30 hours. Find X.

- Ans ☒ 1. 25
☒ 2. 15
☒ 3. 20

 4. 24


Question ID : 7079669525
Option 1 ID : 70796638098
Option 2 ID : 70796638097
Option 3 ID : 70796638100
Option 4 ID : 70796638099
Status : Answered
Chosen Option : 3

Q.2
9 Henry Cavendish discovered _____ in 1766.

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

Question ID : 7079669455
Option 1 ID : 70796637818
Option 2 ID : 70796637819
Option 3 ID : 70796637817
Option 4 ID : 70796637820
Status : Not Answered
Chosen Option : --

Q.3
0 Find the resistance of the wire (in k Ω) through which a 5 mA current flows when 500 V of potential difference is applied across it.

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


Question ID : 7079669487
Option 1 ID : 70796637945
Option 2 ID : 70796637947
Option 3 ID : 70796637948
Option 4 ID : 70796637946
Status : Answered
Chosen Option : 4

Q.3
1 Which of the following is NOT a derived unit?

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

Question ID : 7079669476
Option 1 ID : 70796637904
Option 2 ID : 70796637901
Option 3 ID : 70796637902
Option 4 ID : 70796637903
Status : Answered
Chosen Option : 1

Q.3
2 Which element is mostly provided by grains, nuts and chocolates in our diet?

Ans  1. Chloride

- ☒ 2. Iodine
☒ 3. Copper
☒ 4. Zinc

Question ID : 7079669497
Option 1 ID : 70796637987
Option 2 ID : 70796637986
Option 3 ID : 70796637988
Option 4 ID : 70796637985
Status : Answered
Chosen Option : 4

Q.3 Select the option that is related to the third word on the same basis as the second word is related to the first word. Paper:
3 Glue:: Brick : ?

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

Question ID : 7079669526
Option 1 ID : 70796638102
Option 2 ID : 70796638104
Option 3 ID : 70796638101
Option 4 ID : 70796638103
Status : Answered
Chosen Option : 3

Q.3 If a vendor sells a coconut at ₹32, he incurs a 20% loss. What is the cost price of the coconut?
4

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

Question ID : 7079669515
Option 1 ID : 70796638057
Option 2 ID : 70796638058
Option 3 ID : 70796638059
Option 4 ID : 70796638060
Status : Answered
Chosen Option : 2

Q.3 Part of a sentence has been divided into three segments, which are jumbled up and given along with the unjumbled part.
5 Rearrange the parts of the sentence in correct order.


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

- Ans ☒ 1. YXZ
☒ 2. ZYX
☒ 3. ZXY
☒ 4. XZY

Question ID : 7079669547
Option 1 ID : 70796638187
Option 2 ID : 70796638185
Option 3 ID : 70796638188

Option 4 ID : **70796638186**
Status : **Answered**
Chosen Option : **3**

Q.3 In an engineering drawing, which letters written on the dimension indicates that it is extra information and NOT really required?
6

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





Question ID : **7079669473**
Option 1 ID : **70796637890**
Option 2 ID : **70796637889**
Option 3 ID : **70796637891**
Option 4 ID : **70796637892**
Status : **Not Answered**
Chosen Option : --

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

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

Question ID : **7079669490**
Option 1 ID : **70796637958**
Option 2 ID : **70796637957**
Option 3 ID : **70796637959**
Option 4 ID : **70796637960**
Status : **Answered**
Chosen Option : **1**

Q.3 A uniform meter scale weighs 50g. It is pivoted at the 70cm mark. Where should a 40 g mass be placed so that the scale is in equilibrium?
8

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

Question ID : **7079669472**
Option 1 ID : **70796637888**
Option 2 ID : **70796637885**
Option 3 ID : **70796637887**
Option 4 ID : **70796637886**
Status : **Not Answered**
Chosen Option : --

Q.3 A statement is given, followed by two conclusions. Decide which of the given conclusions logically follow(s) from the given statement.
9

Statement:

Emotional Quotient is a good predictor of success in career.

Conclusions:

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

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

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

Question ID : 7079669550
Option 1 ID : 70796638199
Option 2 ID : 70796638200
Option 3 ID : 70796638198
Option 4 ID : 70796638197
Status : Answered
Chosen Option : 3

Q.4 If 1,200 J of work is done in pushing a trolley by 20 m, what was the force (in N) employed?

0

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

Question ID : 7079669467
Option 1 ID : 70796637866
Option 2 ID : 70796637865
Option 3 ID : 70796637868
Option 4 ID : 70796637867
Status : Answered
Chosen Option : 1

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

1

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

Question ID : 7079669498
Option 1 ID : 70796637992
Option 2 ID : 70796637989
Option 3 ID : 70796637990
Option 4 ID : 70796637991
Status : Answered
Chosen Option : 1

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

2

- Ans ☒ 1. 10
☒ 2. 11
☒ 3. 13
☒ 4. 12

Question ID : 7079669521
Option 1 ID : 70796638083
Option 2 ID : 70796638082
Option 3 ID : 70796638084
Option 4 ID : 70796638081
Status : Answered
Chosen Option : 3

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

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

Question ID : 7079669496
 Option 1 ID : 70796637983
 Option 2 ID : 70796637981
 Option 3 ID : 70796637984
 Option 4 ID : 70796637982

Status : Answered

Chosen Option : 3

Q.4
4 C ने D से कहा, "तुम मेरी बहन के पति की सास हो।" D का C से क्या संबंध है?

- Ans
- ☒ 1. D, C की सास है।
 - ☒ 2. D, C की माँ है।
 - ☒ 3. D, C की बेटी है।
 - ☒ 4. D, C की बहन है।

Question ID : 7079669535
 Option 1 ID : 70796638140
 Option 2 ID : 70796638137
 Option 3 ID : 70796638139
 Option 4 ID : 70796638138

Status : Answered

Chosen Option : 2

Q.4
5 Find the mass (in g) of a copper calorimeter if its temperature rises by 45° when it absorbs 3.6 kJ of heat. The specific heat capacity of copper is $0.4 \text{ Jg}^{-1}\text{K}^{-1}$.

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

Question ID : 7079669483
 Option 1 ID : 70796637931
 Option 2 ID : 70796637930
 Option 3 ID : 70796637929
 Option 4 ID : 70796637932

Status : Answered

Chosen Option : 3

Q.4
6 Find the value of:

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

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

Question ID : 7079669503
Option 1 ID : 70796638009
Option 2 ID : 70796638011
Option 3 ID : 70796638010
Option 4 ID : 70796638012
Status : Answered
Chosen Option : 4

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

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

- Ans ☒ 1. 0.3
☒ 2. 0.4
☒ 3. 0.5
☒ 4. 0.2

Question ID : 7079669529
Option 1 ID : 70796638116
Option 2 ID : 70796638113
Option 3 ID : 70796638114
Option 4 ID : 70796638115
Status : Answered
Chosen Option : 1

Q.4
8 A truck travels 450 km in two and a half hours. Find its speed in m/s.

- Ans ☒ 1. 50
☒ 2. 60
☒ 3. 75
☒ 4. 90

Question ID : 7079669494
Option 1 ID : 70796637976
Option 2 ID : 70796637973
Option 3 ID : 70796637974
Option 4 ID : 70796637975
Status : Answered
Chosen Option : 1

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

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

Question ID : 7079669546
Option 1 ID : 70796638181
Option 2 ID : 70796638184
Option 3 ID : 70796638182
Option 4 ID : 70796638183
Status : Not Answered
Chosen Option : --

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

Ans

✗ 1.

P	O	R
M	W	K
H	X	Q

✗ 2.

Q	M	R
X	H	O
K	W	P

✗ 3.

H	X	P
O	R	K
W	Q	M

✓ 4.

K	W	Q
R	O	P
I	M	X

Question ID : 7079669540

Option 1 ID : 70796638160

Option 2 ID : 70796638157

Option 3 ID : 70796638159

Option 4 ID : 70796638158

Status : Answered

Chosen Option : 4

Q.5
1 Binary number 101110110 is equal to decimal number _____.

Ans ✗ 1. 326

✓ 2. 374

✗ 3. 412

✗ 4. 468

Question ID : 7079669501

Option 1 ID : 70796638001

Option 2 ID : 70796638003

Option 3 ID : 70796638002

Option 4 ID : 70796638004

Status : Not Answered

Chosen Option : --

Q.5

2 Moore's Law is a rule of thumb stated by Intel co-founder Gordon Moore that the number of transistors on a chip doubles every _____ months.

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

Question ID : 7079669470

Option 1 ID : 70796637880

Option 2 ID : 70796637879

Option 3 ID : 70796637878

Option 4 ID : 70796637877

Status : Not Answered

Chosen Option : --

Q.5 If A \$ B means A is the sister of B, A # B means A is the husband of B and A * B means A is the daughter of B, then
3 what does P \$ Q * R # S mean?

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

Question ID : 7079669534

Option 1 ID : 70796638134

Option 2 ID : 70796638133

Option 3 ID : 70796638136

Option 4 ID : 70796638135

Status : Answered

Chosen Option : 3

Q.5 If the compound interest received on a certain amount in the first year is ₹1,440, what will be the compound interest for
4 the second year on the same principal at a 10% rate of interest?

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

Question ID : 7079669514

Option 1 ID : 70796638054

Option 2 ID : 70796638055

Option 3 ID : 70796638053

Option 4 ID : 70796638056

Status : Answered

Chosen Option : 1

Q.5 The notation 2xØ6 means _____.

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

Question ID : 7079669465

Option 1 ID : 70796637860

Option 2 ID : 70796637859

Option 3 ID : 70796637857
 Option 4 ID : 70796637858
 Status : Answered
 Chosen Option : 4

Q.5 Which Dadasaheb Phalke Award recipient produced and directed India's first colour film, 'Sairandhri'?

- 6
 Ans ☒ 1. LV Prasad
☒ 2. V Shanta ram
☒ 3. Birendranath Sirdar
☒ 4. Sivaji Ganesan

Question ID : 7079669454
 Option 1 ID : 70796637814
 Option 2 ID : 70796637813
 Option 3 ID : 70796637815
 Option 4 ID : 70796637816
 Status : Not Answered
 Chosen Option : --

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

- 7
 Ans ☒ 1. 1260
☒ 2. 1680
☒ 3. 1344
☒ 4. 1008

Question ID : 7079669505
 Option 1 ID : 70796638018
 Option 2 ID : 70796638017
 Option 3 ID : 70796638020
 Option 4 ID : 70796638019
 Status : Answered
 Chosen Option : 1


Q.5 Which of the following folk dances is from Himachal Pradesh?

- 8
 Ans ☒ 1. Nati
☒ 2. Bagurumba
☒ 3. Lezim
☒ 4. Giddha

Question ID : 7079669460
 Option 1 ID : 70796637839
 Option 2 ID : 70796637837
 Option 3 ID : 70796637840
 Option 4 ID : 70796637838
 Status : Not Answered
 Chosen Option : --

Q.5 Find the heat capacity of a steel vessel of mass 2.5 kg if its temperature rises by 10 degrees. Specific heat capacity of steel is $500 \text{ Jkg}^{-1}\text{K}^{-1}$.

- 9
 Ans ☒ 1. $1,250 \text{ JK}^{-1}$
☒ 2. $20 \text{ Jkg}^{-1}\text{K}^{-1}$
☒ 3. $200 \text{ Jkg}^{-1}\text{K}^{-1}$

 4. 125 JK^{-1}

Question ID : 7079669482
Option 1 ID : 70796637925
Option 2 ID : 70796637928
Option 3 ID : 70796637926
Option 4 ID : 70796637927
Status : Answered
Chosen Option : 1

Q.6 Two resistors of $R \Omega$ and 15Ω are connected in parallel to get an effective resistance of 12Ω . Find R .
0

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

Question ID : 7079669485
Option 1 ID : 70796637940
Option 2 ID : 70796637938
Option 3 ID : 70796637939
Option 4 ID : 70796637937
Status : Answered
Chosen Option : 3

Q.6 Two cabs A and B start from town C for town D. If the distance between the two towns is 540 km and the slower taxi travelling at an average speed of 90 km/hr takes an hour more than the faster taxi, then find the speed (in km/hr) of the faster taxi.
1

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

Question ID : 7079669481
Option 1 ID : 70796637922
Option 2 ID : 70796637923
Option 3 ID : 70796637924
Option 4 ID : 70796637921
Status : Answered
Chosen Option : 2

Q.6 Two numbers are 10% and 20% less than a third number. By what percentage should the second number be increased to make it equal to the first number?
2

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

Question ID : 7079669508
Option 1 ID : 70796638030
Option 2 ID : 70796638031
Option 3 ID : 70796638029
Option 4 ID : 70796638032
Status : Answered
Chosen Option : 2

Q.6 The Directive Principles of State Policy in India's Constitution are borrowed from the constitution of _____.
3

Ans

- ☒ 1. Ireland
☐ 2. Germany
☐ 3. Canada
☐ 4. Britain

Question ID : 7079669451
Option 1 ID : 70796637804
Option 2 ID : 70796637803
Option 3 ID : 70796637802
Option 4 ID : 70796637801
Status : Answered
Chosen Option : 1

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

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

Question ID : 7079669506
Option 1 ID : 70796638021
Option 2 ID : 70796638024
Option 3 ID : 70796638022
Option 4 ID : 70796638023
Status : Answered
Chosen Option : 4

Q.6 The weights of three boxes are 3 kg, 8 kg and 12 kg. Which of the following CANNOT be the total weight, in kg, of any combination of these boxes?

- Ans ☐ 1. 20
☒ 2. 21
☐ 3. 15
☐ 4. 23

Question ID : 7079669549
Option 1 ID : 70796638194
Option 2 ID : 70796638195
Option 3 ID : 70796638193
Option 4 ID : 70796638196
Status : Answered
Chosen Option : 2

Q.6 L is thrice as good a workman as M, and together, they finish a task in 12 days. In how many days will L alone finish the same task?

- Ans ☐ 1. 32
☒ 2. 16
☐ 3. 48
☐ 4. 40

Question ID : 7079669511
Option 1 ID : 70796638042
Option 2 ID : 70796638043
Option 3 ID : 70796638041
Option 4 ID : 70796638044
Status : Answered
Chosen Option : 2

Q.6
7 Name the celebrity who has authored 'Mrs. Funnybones'?

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

Question ID : 7079669456

Option 1 ID : 70796637824

Option 2 ID : 70796637822

Option 3 ID : 70796637821

Option 4 ID : 70796637823

Status : Answered

Chosen Option : 1

Q.6
8 Two litres of superheated water at 190°C is mixed with six litres of cold water at 20°C . Find the final equilibrium temperature (in $^{\circ}\text{C}$) if no heat is lost.

- Ans
- ☒ 1. 47.5
 - ☒ 2. 95
 - ☒ 3. 55
 - ☒ 4. 62.5

Question ID : 7079669491

Option 1 ID : 70796637962

Option 2 ID : 70796637964

Option 3 ID : 70796637963

Option 4 ID : 70796637961

Status : Answered

Chosen Option : 4

Q.6
9 Acceleration due to gravity is highest at _____.

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

Question ID : 7079669478

Option 1 ID : 70796637911

Option 2 ID : 70796637909

Option 3 ID : 70796637912

Option 4 ID : 70796637910

Status : Answered

Chosen Option : 4

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

Statements:

All mansions are palaces.

No castles are palaces.

Conclusions:

I: Some palaces are mansions.

II: Some castles are mansions.

III: No mansions are castles.

Ans

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

Question ID : 7079669539
 Option 1 ID : 70796638155
 Option 2 ID : 70796638153
 Option 3 ID : 70796638156
 Option 4 ID : 70796638154
 Status : Answered
 Chosen Option : 1

Q.7 If '+' represents '×', '÷' represents '+', '-' represents '÷' and 'x' represents '-', then find the value of the following expression.

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

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

Question ID : 7079669532
 Option 1 ID : 70796638125
 Option 2 ID : 70796638127
 Option 3 ID : 70796638126
 Option 4 ID : 70796638128
 Status : Answered
 Chosen Option : 4

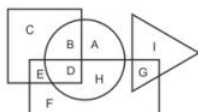
Q.7 In an artificial language, 'terake' means 'motherland', 'lorake' means 'mother tongue' and 'loroli' means 'long tongue'.

2 Which word would mean 'long jump' in that language?

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

Question ID : 7079669531
 Option 1 ID : 70796638121
 Option 2 ID : 70796638124
 Option 3 ID : 70796638123
 Option 4 ID : 70796638122
 Status : Answered
 Chosen Option : 1

Q.7 In the following figure, the triangle represents bakers, the square represents teachers, the circle represents Americans and the rectangle represents mothers. Which letter or set of letters represents the mothers who are neither Americans nor bakers?



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

Question ID : 7079669536
Option 1 ID : 70796638141
Option 2 ID : 70796638143
Option 3 ID : 70796638142
Option 4 ID : 70796638144
Status : Answered
Chosen Option : 4

Q.7 The sentences given in this question, when properly sequenced, form a coherent paragraph. Each sentence is labelled with a letter (the first sentence is not labelled and given for your reference). Choose the most logical order of sentences from among the given choices to construct a coherent paragraph.

There were once two brothers who lived on the edge of a forest.

A: One day, the elder brother went into the forest to find some firewood to sell in the market.

B: As he went around chopping the branches of a tree after tree, he came upon a magical tree.

C: The elder brother was very mean to his younger brother and ate up all the food and took all his good clothes.

D: The tree said to him, 'Oh kind sir, please do NOT cut my branches.'

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

Question ID : 7079669548
Option 1 ID : 70796638190
Option 2 ID : 70796638192
Option 3 ID : 70796638189
Option 4 ID : 70796638191
Status : Answered
Chosen Option : 3

Q.7 Classical musician Vilayat Khan is associated with which musical instrument?

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

Question ID : 7079669459
Option 1 ID : 70796637834
Option 2 ID : 70796637836
Option 3 ID : 70796637833
Option 4 ID : 70796637835
Status : Not Answered
Chosen Option : --

Q.7 Find the third proportional to 24 and 60.

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

Question ID : 7079669507
Option 1 ID : 70796638025
Option 2 ID : 70796638026
Option 3 ID : 70796638027
Option 4 ID : 70796638028
Status : Answered
Chosen Option : 2

Q.7 _____ are a subset of air pollution that refers to the tiny particles suspended everywhere in our atmosphere.

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

Question ID : 7079669499
Option 1 ID : 70796637993
Option 2 ID : 70796637994
Option 3 ID : 70796637995
Option 4 ID : 70796637996
Status : Answered
Chosen Option : 1

Q.7 If $\sin\theta = 12/13$, then find the value of $2\cot\theta + 13\cos\theta$.

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

Question ID : 7079669520
Option 1 ID : 70796638079
Option 2 ID : 70796638077
Option 3 ID : 70796638078
Option 4 ID : 70796638080
Status : Answered
Chosen Option : 1

Q.7 A vendor buys a certain number of bananas at 8 pieces for `5 and sells them at 5 pieces for `8. What will be his percentage profit?

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

Question ID : 7079669516
Option 1 ID : 70796638062
Option 2 ID : 70796638061
Option 3 ID : 70796638063
Option 4 ID : 70796638064
Status : Answered
Chosen Option : 1

Q.8 A block of metal of mass 500 g has a relative density of 2.5. What will be its apparent mass when it is fully immersed in water?

- Ans ☒ 1. 300 g
☒ 2. 250 g
☒ 3. 200 g
☒ 4. 400 g

Question ID : 7079669489
Option 1 ID : 70796637953
Option 2 ID : 70796637955
Option 3 ID : 70796637954

Option 4 ID : 70796637956

Status : Answered

Chosen Option : 1

Q.8
1 The hotel Taj Lake Palace, built in the middle of Lake Pichola, is in which city?

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

Question ID : 7079669458

Option 1 ID : 70796637830

Option 2 ID : 70796637831

Option 3 ID : 70796637832

Option 4 ID : 70796637829

Status : Not Answered

Chosen Option : --

Q.8
2 Choose the letter cluster that is different from the rest.

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

Question ID : 7079669541

Option 1 ID : 70796638161

Option 2 ID : 70796638163

Option 3 ID : 70796638162

Option 4 ID : 70796638164

Status : Answered

Chosen Option : 4

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

- Ans
- ☒ 1. charge
 - ☒ 2. resistivity
 - ☒ 3. potential difference
 - ☒ 4. resistance

Question ID : 7079669484

Option 1 ID : 70796637936

Option 2 ID : 70796637934

Option 3 ID : 70796637935

Option 4 ID : 70796637933

Status : Answered

Chosen Option : 3

Q.8
4 Who was the captain of the IPL team Chennai Super Kings, in 2018?

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


Question ID : **7079669457**
 Option 1 ID : **70796637826**
 Option 2 ID : **70796637827**
 Option 3 ID : **70796637828**
 Option 4 ID : **70796637825**
 Status : **Answered**
 Chosen Option : **1**

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

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

Question ID : **7079669463**
 Option 1 ID : **70796637850**
 Option 2 ID : **70796637849**
 Option 3 ID : **70796637851**
 Option 4 ID : **70796637852**
 Status : **Answered**
 Chosen Option : **3**

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

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

Question ID : **7079669480**
 Option 1 ID : **70796637920**
 Option 2 ID : **70796637918**
 Option 3 ID : **70796637919**
 Option 4 ID : **70796637917**
 Status : **Answered**
 Chosen Option : **2**

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

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

Question ID : **7079669479**
 Option 1 ID : **70796637916**
 Option 2 ID : **70796637913**
 Option 3 ID : **70796637914**
 Option 4 ID : **70796637915**
 Status : **Answered**
 Chosen Option : **1**

Q.8 Select the set of letters that when sequentially placed in the gaps of the given letter series will complete the series logically.

a _yz _bx _zc _cx _z

Ans

- ✓ 1. xbycy
✗ 2. xybcy
✗ 3. yxbcz
✗ 4. xybcz

Question ID : 7079669528
Option 1 ID : 70796638112
Option 2 ID : 70796638109
Option 3 ID : 70796638111
Option 4 ID : 70796638110
Status : Answered
Chosen Option : 1

Q.8 _____ ° Celsius = 167 Fahrenheit

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

Question ID : 7079669495
Option 1 ID : 70796637978
Option 2 ID : 70796637977
Option 3 ID : 70796637980
Option 4 ID : 70796637979
Status : Answered
Chosen Option : 2

Q.9 A/An _____ is an interface on a computer to which you can connect a device.

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

Question ID : 7079669500
Option 1 ID : 70796637997
Option 2 ID : 70796638000
Option 3 ID : 70796637999
Option 4 ID : 70796637998
Status : Answered
Chosen Option : 3

Q.9 _____ is India's sole National Issuing & Guaranteeing Association for ATA Carnets (also known as 'Passport for Goods').

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

Question ID : 7079669453
Option 1 ID : 70796637812
Option 2 ID : 70796637809
Option 3 ID : 70796637810
Option 4 ID : 70796637811

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

Q.9 A train running at a speed of 64 km/h takes 50 min to travel a certain distance. By how much should it increase its speed
2 (in km/h) to travel the same distance in 40 min?

- Ans
- ☒ 1. 25
 - ☒ 2. 80
 - ☒ 3. 10
 - ☒ 4. 16

Question ID : **7079669513**
Option 1 ID : **70796638052**
Option 2 ID : **70796638050**
Option 3 ID : **70796638051**
Option 4 ID : **70796638049**
Status : **Answered**
Chosen Option : **4**

Q.9 In this question, two statements are given, followed by two conclusions labelled I and II. You have to consider the
3 statements to be true even if they seem to be at variance with commonly known facts, and decide which of the given conclusions, if any, follow(s) from the given statements.

Statements:

No beakers are vases.
All vases are jugs.

Conclusions:

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

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

Question ID : **7079669538**
Option 1 ID : **70796638152**
Option 2 ID : **70796638149**
Option 3 ID : **70796638151**
Option 4 ID : **70796638150**
Status : **Answered**
Chosen Option : **4**

Q.9 Breathing in about 900 parts of _____ in a million parts of air for a short time causes fatigue, dizziness, and headache.
4

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

Question ID : **7079669469**
Option 1 ID : **70796637876**
Option 2 ID : **70796637873**
Option 3 ID : **70796637874**
Option 4 ID : **70796637875**
Status : **Answered**
Chosen Option : **2**

Q.9

5 The sum of binary numbers 1100100 and 1101110 is _____.

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

Question ID : 7079669502
Option 1 ID : 70796638005
Option 2 ID : 70796638006
Option 3 ID : 70796638007
Option 4 ID : 70796638008
Status : Not Answered
Chosen Option : --

Q.9
6 Henry per meter is the unit of _____.

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

Question ID : 7079669477
Option 1 ID : 70796637906
Option 2 ID : 70796637905
Option 3 ID : 70796637907
Option 4 ID : 70796637908
Status : Not Answered
Chosen Option : --

Q.9
7 Which of the following nations is NOT a permanent member of the United Nations Security Council?

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

Question ID : 7079669452
Option 1 ID : 70796637806
Option 2 ID : 70796637808
Option 3 ID : 70796637807
Option 4 ID : 70796637805
Status : Answered
Chosen Option : 4

Q.9
8 Choose the word that is different from the rest.

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

Question ID : 7079669542
Option 1 ID : 70796638168
Option 2 ID : 70796638165
Option 3 ID : 70796638166

Option 4 ID : **70796638167**
Status : **Answered**
Chosen Option : **1**

Q.9 A car loses 200 kJ of kinetic energy when its speed decreases from 25 m/s to 15 m/s. Find its mass in tonnes.
9

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

Question ID : **7079669493**
Option 1 ID : **70796637969**
Option 2 ID : **70796637970**
Option 3 ID : **70796637971**
Option 4 ID : **70796637972**
Status : **Answered**
Chosen Option : **4**

Q.1 Find the slope of the line joining the points (3,-4) and (5,2).
00

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

Question ID : **7079669519**
Option 1 ID : **70796638075**
Option 2 ID : **70796638076**
Option 3 ID : **70796638074**
Option 4 ID : **70796638073**
Status : **Answered**
Chosen Option : **1**

Section : **Mechanic Diesel**

Q.1 Which one of the following stroke is produced in an engine when both valves are closed?

- Ans
- ☒ 1. Compression
 - ☒ 2. Suction
 - ☒ 3. Power
 - ☒ 4. Exhaust

Question ID : **7079669560**
Option 1 ID : **70796638239**
Option 2 ID : **70796638238**
Option 3 ID : **70796638240**
Option 4 ID : **70796638237**
Status : **Answered**
Chosen Option : **1**

Q.2 Which among the following happens if the clutch is not functioning?

- Ans
- ☒ 1. Fly wheel is at rest
 - ☒ 2. Engine will not start
 - ☒ 3. Vehicle will not move

☒ 4. Engine gets overheated

Question ID : 7079669581
Option 1 ID : 70796638323
Option 2 ID : 70796638321
Option 3 ID : 70796638324
Option 4 ID : 70796638322
Status : Answered
Chosen Option : 1

Q.3 Which of the following term is not related ignition system of vehicle?

- Ans ☒ 1. Rocker arm
☒ 2. Distributor
☒ 3. Ignition coil
☒ 4. Spark plug

Question ID : 7079669566
Option 1 ID : 70796638264
Option 2 ID : 70796638262
Option 3 ID : 70796638261
Option 4 ID : 70796638263
Status : Answered
Chosen Option : 1

Q.4 Combination of wetting, surface tension and slipperiness is called:

- Ans ☒ 1. Flash point
☒ 2. Fire point
☒ 3. Oiliness
☒ 4. Volatility

Question ID : 7079669592
Option 1 ID : 70796638366
Option 2 ID : 70796638367
Option 3 ID : 70796638365
Option 4 ID : 70796638368
Status : Answered
Chosen Option : 3

Q.5 Which type of chisel is used for squaring materials at the corners?

- Ans ☒ 1. Cross-cut chisel
☒ 2. Half round nose chisel
☒ 3. Flat chisel
☒ 4. Diamond point chisel

Question ID : 7079669591
Option 1 ID : 70796638362
Option 2 ID : 70796638363
Option 3 ID : 70796638361
Option 4 ID : 70796638364
Status : Answered
Chosen Option : 3

Q.6 Which of the following is not related to piston ring?

Ans ☒ 1. Compression ring

☒ 2. Clip ring

☒ 3. Wiper ring

☒ 4. Oil ring

Question ID : 7079669567

Option 1 ID : 70796638265

Option 2 ID : 70796638268

Option 3 ID : 70796638267

Option 4 ID : 70796638266

Status : Answered

Chosen Option : 3

Q.7 Chromium stainless steel alloy is used for making:

Ans ☒ 1. Piston

☒ 2. Inlet and exhaust valve

☒ 3. Camshaft

☒ 4. Crank shaft

Question ID : 7079669557

Option 1 ID : 70796638225

Option 2 ID : 70796638228

Option 3 ID : 70796638226

Option 4 ID : 70796638227

Status : Answered

Chosen Option : 2

Q.8 A 12 V lead-acid battery consists of:

Ans ☒ 1. three cells in parallel

☒ 2. three cells in a series

☒ 3. six cells in parallel

☒ 4. six cells in a series

Question ID : 7079669601

Option 1 ID : 70796638403

Option 2 ID : 70796638401

Option 3 ID : 70796638404

Option 4 ID : 70796638402

Status : Not Answered

Chosen Option : --

Q.9 The function of gudgeon pin is:

Ans ☒ 1. Connect engine to gear box

☒ 2. Connect valve to camshaft

☒ 3. connect piston to connecting rod

☒ 4. Connect crankshaft to flywheel

Question ID : 7079669561

Option 1 ID : 70796638243

Option 2 ID : 70796638244

Option 3 ID : 70796638241

Option 4 ID : 70796638242

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

Q.1
0 When cutting an ISO Metric thread for a coarse pitch, by how many degrees should the compound rest be swiveled to?

- Ans
- ☒ 1. 15°
 - ☒ 2. 60°
 - ☒ 3. 30°
 - ☒ 4. 45°

Question ID : **7079669553**
Option 1 ID : **70796638209**
Option 2 ID : **70796638212**
Option 3 ID : **70796638211**
Option 4 ID : **70796638210**
Status : **Not Answered**
Chosen Option : --

Q.1
1 The portion of the reamer which is held and driven (it can be parallel or tapered) is called the:

- Ans
- ☒ 1. Body
 - ☒ 2. Shank
 - ☒ 3. Axis
 - ☒ 4. Recess

Question ID : **7079669613**
Option 1 ID : **70796638451**
Option 2 ID : **70796638449**
Option 3 ID : **70796638452**
Option 4 ID : **70796638450**
Status : **Answered**
Chosen Option : **2**

Q.1
2 How can we remove a broken bolt from a tapped hole?

- Ans
- ☒ 1. With a tap extractor
 - ☒ 2. With heat treatment
 - ☒ 3. With a pin punching hammer
 - ☒ 4. By annealing the tapped drill hole

Question ID : **7079669552**
Option 1 ID : **70796638206**
Option 2 ID : **70796638208**
Option 3 ID : **70796638205**
Option 4 ID : **70796638207**
Status : **Answered**
Chosen Option : **3**

Q.1
3 Valve timing diagram is

- Ans
- ☒ 1. Graphical representation of cam shaft location
 - ☒ 2. Graphical representation of piston position
 - ☒ 3.
- Graphical representation of the opening and closing of intake and exhaust valve of engine:
- ☒ 4. Graphical representation of crank shaft position

Question ID : 7079669558
Option 1 ID : 70796638230
Option 2 ID : 70796638231
Option 3 ID : 70796638229
Option 4 ID : 70796638232
Status : Answered
Chosen Option : 1

Q.1
4 How should the radiator core be cleaned?

- Ans ☒ 1. By reverse flushing
- ☒ 2. From the top hose to the bottom hose
- ☒ 3. From the outside to the fan side
- ☒ 4. From the top to the bottom of the core

Question ID : 7079669616
Option 1 ID : 70796638462
Option 2 ID : 70796638464
Option 3 ID : 70796638461
Option 4 ID : 70796638463
Status : Answered
Chosen Option : 1

Q.1
5 In compressed ignition engines, cylinder liners are provided:

- Ans ☒ 1. inside the cylinder head
- ☒ 2. inside the cylinder block
- ☒ 3. on the cylinder head
- ☒ 4. outside the cylinder block

Question ID : 7079669609
Option 1 ID : 70796638433
Option 2 ID : 70796638435
Option 3 ID : 70796638434
Option 4 ID : 70796638436
Status : Answered
Chosen Option : 2

Q.1
6 Why are woodruff keys used?

- Ans ☒ 1. Because they are easy to fit and self-align
- ☒ 2. Because they are less expensive
- ☒ 3. Because they can take shear stress
- ☒ 4. Because they can take heavy load

Question ID : 7079669554
Option 1 ID : 70796638215
Option 2 ID : 70796638216
Option 3 ID : 70796638214
Option 4 ID : 70796638213
Status : Answered
Chosen Option : 3

Q.1
7 In a four-stroke diesel engine, what happens in the suction stroke?

Ans

- ☐ 1. Air fuel mixture compresses
- ☐ 2. Power is produced
- ☐ 3. Exhaust gases are exhausted
- ☒ 4. Air enters into the combustion chamber

Question ID : 7079669606
Option 1 ID : 70796638421
Option 2 ID : 70796638424
Option 3 ID : 70796638423
Option 4 ID : 70796638422
Status : Answered
Chosen Option : 4

Q.1
8 A _____ is mounted on the rear end of a crankshaft.

- Ans ☐ 1. timing sprocket
- ☒ 2. Flywheel
- ☐ 3. vibration damper
- ☐ 4. counter weight

Question ID : 7079669615
Option 1 ID : 70796638457
Option 2 ID : 70796638458
Option 3 ID : 70796638459
Option 4 ID : 70796638460
Status : Answered
Chosen Option : 2

Q.1
9 The small end of the piston pin is connected to the:

- Ans ☒ 1. small end of the connecting rod
- ☐ 2. crank shaft
- ☐ 3. big end of the journal
- ☐ 4. cam shaft

Question ID : 7079669577
Option 1 ID : 70796638307
Option 2 ID : 70796638305
Option 3 ID : 70796638308
Option 4 ID : 70796638306
Status : Answered
Chosen Option : 1

Q.2
0 What material is a piston made of?

- Ans ☐ 1. Steel
- ☐ 2. Cast iron
- ☒ 3. Aluminum alloy
- ☐ 4. Carbon steel

Question ID : 7079669583
Option 1 ID : 70796638331
Option 2 ID : 70796638330
Option 3 ID : 70796638329
Option 4 ID : 70796638332

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

Q.2
1 After reassembly, the engine power can be tested with the help of a _____.

- Ans
- ☐ 1. Hydrometer
 - ☐ 2. Multimeter
 - ☐ 3. Test bench
 - ☒ 4. Dynamometer

Question ID : **7079669580**
Option 1 ID : **70796638319**
Option 2 ID : **70796638318**
Option 3 ID : **70796638320**
Option 4 ID : **70796638317**
Status : **Answered**
Chosen Option : **3**

Q.2
2 In which circuit is a solenoid switch used?

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

Question ID : **7079669564**
Option 1 ID : **70796638253**
Option 2 ID : **70796638256**
Option 3 ID : **70796638255**
Option 4 ID : **70796638254**
Status : **Not Answered**
Chosen Option : **--**

Q.2
3 In _____ engine there is one working stroke for every two revolutions of the crankshaft.

- Ans
- ☐ 1. Two stroke
 - ☐ 2. Three stroke
 - ☒ 3. Four stroke
 - ☐ 4. One stroke

Question ID : **7079669596**
Option 1 ID : **70796638382**
Option 2 ID : **70796638383**
Option 3 ID : **70796638384**
Option 4 ID : **70796638381**
Status : **Answered**
Chosen Option : **3**

Q.2
4 The electrodes are manufactured in two standard lengths namely:

- Ans
- ☐ 1. 650 mm and 750 mm
 - ☒ 2. 350 mm and 450 mm
 - ☐ 3. 500 mm and 600 mm
 - ☐ 4. 200 mm and 300 mm

Question ID : **7079669603**

Option 1 ID : **70796638412**
Option 2 ID : **70796638410**
Option 3 ID : **70796638411**
Option 4 ID : **70796638409**
Status : **Not Answered**
Chosen Option : --

Q.2
5 What is the maximum fuel pressure in a unit injector system?

- Ans ☒ 1. 800 bar
☒ 2. 400 bar
☒ 3. 2400 bar
☒ 4. 1600 bar

Question ID : **7079669621**
Option 1 ID : **70796638482**
Option 2 ID : **70796638481**
Option 3 ID : **70796638484**
Option 4 ID : **70796638483**
Status : **Answered**
Chosen Option : **3**

Q.2
6 Identify the part shown in the figure.



- Ans ☒ 1. Fuel pump
☒ 2. Fuel injector
☒ 3. Common rail
☒ 4. Electronic Diesel Control

Question ID : **7079669624**
Option 1 ID : **70796638495**
Option 2 ID : **70796638494**
Option 3 ID : **70796638493**
Option 4 ID : **70796638496**
Status : **Not Answered**
Chosen Option : --

Q.2
7 In an engine, the manifold absolute pressure sensor is placed at the:

- Ans ☒ 1. crankshaft
☒ 2. inlet manifold
☒ 3. camshaft
☒ 4. exhaust manifold

Question ID : **7079669619**

Option 1 ID : 70796638475

Option 2 ID : 70796638474

Option 3 ID : 70796638476

Option 4 ID : 70796638473

Status : Answered

Chosen Option : 2

Q.2
8 In which of the following instances would engine oil consumption be high?

- Ans
- ☒ 1. Cylinder bore is small
 - ☒ 2. Oil level is low
 - ☒ 3. Piston rings are worn out
 - ☒ 4. Compression pressure is weak

Question ID : 7079669586

Option 1 ID : 70796638342

Option 2 ID : 70796638344

Option 3 ID : 70796638341

Option 4 ID : 70796638343

Status : Answered

Chosen Option : 3

Q.2
9 Crane hooks are generally made of:

- Ans
- ☒ 1. Mild steel
 - ☒ 2. Cast iron steel
 - ☒ 3. Cast iron
 - ☒ 4. High speed steel

Question ID : 7079669569

Option 1 ID : 70796638276

Option 2 ID : 70796638275

Option 3 ID : 70796638274

Option 4 ID : 70796638273

Status : Answered

Chosen Option : 2

Q.3
0 Which of the following is a speed indicator on the dashboard?

- Ans
- ☒ 1. Pressure gauge
 - ☒ 2. AMP meter
 - ☒ 3. Voltmeter
 - ☒ 4. RPM (Revolutions per minute)

Question ID : 7079669579

Option 1 ID : 70796638315

Option 2 ID : 70796638314

Option 3 ID : 70796638313

Option 4 ID : 70796638316

Status : Answered

Chosen Option : 4

Q.3
1 The _____ limits the distance of the crankshaft and can slide forward or backward in the block.

- Ans
- ☒ 1. dummy plates
 - ☒ 2. spring washer

☒ 3. plain washer

☒ 4. main thrust bearing

Question ID : 7079669610

Option 1 ID : 70796638439

Option 2 ID : 70796638437

Option 3 ID : 70796638438

Option 4 ID : 70796638440

Status : Answered

Chosen Option : 4

Q.3
2 In a grinding wheel, what is the size of the finest abrasive grain?

Ans ☒ 1. 30 – 60

☒ 2. 70 – 200

☒ 3. 6 – 24

☒ 4. 220 – 1000

Question ID : 7079669590

Option 1 ID : 70796638358

Option 2 ID : 70796638359

Option 3 ID : 70796638357

Option 4 ID : 70796638360

Status : Not Answered

Chosen Option : --

Q.3
3 When drilling a cast iron metal, which of the following coolants is used?

Ans ☒ 1. Dry air

☒ 2. Lubricant oil

☒ 3. Kerosene

☒ 4. Machine oil

Question ID : 7079669551

Option 1 ID : 70796638204

Option 2 ID : 70796638203

Option 3 ID : 70796638201

Option 4 ID : 70796638202

Status : Answered

Chosen Option : 1

Q.3
4 Which of the following is an example of an electrical conductor?

Ans ☒ 1. Porcelain

☒ 2. Plastic

☒ 3. Copper

☒ 4. Wood

Question ID : 7079669600

Option 1 ID : 70796638400

Option 2 ID : 70796638398

Option 3 ID : 70796638397

Option 4 ID : 70796638399

Status : Answered

Chosen Option : 3

Q.3 Which of the following equipment can be consider in hoist category?

5

- Ans
- ☒ 1. Tyre changer
 - ☒ 2. Wheel aligner
 - ☒ 3. Two post lift
 - ☒ 4. Engine scanner

Question ID : 7079669594
Option 1 ID : 70796638375
Option 2 ID : 70796638373
Option 3 ID : 70796638376
Option 4 ID : 70796638374
Status : Answered
Chosen Option : 4

Q.3
6 An oily workshop floor can be cleaned:

- Ans
- ☒ 1. by cotton waste
 - ☒ 2. with the help of wooden dust and sand
 - ☒ 3. by washing with water
 - ☒ 4. by spraying Carbon dioxide

Question ID : 7079669573
Option 1 ID : 70796638289
Option 2 ID : 70796638291
Option 3 ID : 70796638290
Option 4 ID : 70796638292
Status : Answered
Chosen Option : 2

Q.3
7 Which one of the following pulleys is used to obtain different speeds?

- Ans
- ☒ 1. Split pulley
 - ☒ 2. Stepped pulley
 - ☒ 3. Solid pulley
 - ☒ 4. Jockey pulley

Question ID : 7079669562
Option 1 ID : 70796638246
Option 2 ID : 70796638248
Option 3 ID : 70796638247
Option 4 ID : 70796638245
Status : Answered
Chosen Option : 1

Q.3
8 Which of the following part comes in vehicle lubrication system?

- Ans
- ☒ 1. Oil filter
 - ☒ 2. Oil pump
 - ☒ 3. Oil sump
 - ☒ 4. Oil crank

Question ID : 7079669587
Option 1 ID : 70796638345
Option 2 ID : 70796638346

Option 3 ID : 70796638347
Option 4 ID : 70796638348
Status : Answered
Chosen Option : 3

Q.3
9 What is an injector code commonly known as?

- Ans
- ☒ 1. DMA
 - ☒ 2. VMA
 - ☒ 3. IMA
 - ☒ 4. MMA

Question ID : 7079669622
Option 1 ID : 70796638487
Option 2 ID : 70796638485
Option 3 ID : 70796638486
Option 4 ID : 70796638488
Status : Answered
Chosen Option : 3

Q.4
0 Identify the tool in the given figure.



- Ans
- ☒ 1. Screw driver
 - ☒ 2. Ratchet spanner
 - ☒ 3. Scale
 - ☒ 4. Torque wrench

Question ID : 7079669597
Option 1 ID : 70796638385
Option 2 ID : 70796638388
Option 3 ID : 70796638386
Option 4 ID : 70796638387
Status : Answered
Chosen Option : 4

Q.4
1 Following is not part of valve assembly.

- Ans
- ☒ 1. stem
 - ☒ 2. spring
 - ☒ 3. head
 - ☒ 4. bearing

Question ID : 7079669556
Option 1 ID : 70796638222
Option 2 ID : 70796638223
Option 3 ID : 70796638221
Option 4 ID : 70796638224
Status : Answered

Chosen Option : 4

Q.4
2 Timing belt connect engine:

- Ans ☒ 1. Camshaft and crankshaft
☒ 2. Piston and connecting rod
☒ 3. Axle and wheel
☒ 4. Alternator and engine

Question ID : 7079669604
Option 1 ID : 70796638413
Option 2 ID : 70796638414
Option 3 ID : 70796638415
Option 4 ID : 70796638416

Status : Answered

Chosen Option : 1

Q.4
3 The crank shaft is made by the process of _____.

- Ans ☒ 1. Casting
☒ 2. Forging
☒ 3. Pressing
☒ 4. Turning

Question ID : 7079669582
Option 1 ID : 70796638325
Option 2 ID : 70796638326
Option 3 ID : 70796638327
Option 4 ID : 70796638328

Status : Answered

Chosen Option : 2

Q.4
4 What is the full form of Ti-VCT?

- Ans ☒ 1. Twin Interdependent Variable Controller Timing
☒ 2. Twin Interdependent Variable Crankshaft Timing
☒ 3. Twin Interdependent Variable Countershaft Timing
☒ 4. Twin Independent Variable Camshaft Timing

Question ID : 7079669614
Option 1 ID : 70796638455
Option 2 ID : 70796638453
Option 3 ID : 70796638454
Option 4 ID : 70796638456

Status : Answered

Chosen Option : 4

Q.4
5 Splash system is related to vehicle:

- Ans ☒ 1. Cooling system
☒ 2. Exhaust system
☒ 3. Electrical system
☒ 4. Lubrication system

Question ID : 7079669575
Option 1 ID : 70796638297
Option 2 ID : 70796638300
Option 3 ID : 70796638299
Option 4 ID : 70796638298
Status : Answered
Chosen Option : 4

Q.4
6 Room temperature vulcanizing (RTV) sealer is also called:

- Ans ☒ 1. Silicone sealer
☐ 2. Tin sealer
☐ 3. Rubber sealer
☐ 4. Steel sealer

Question ID : 7079669588
Option 1 ID : 70796638351
Option 2 ID : 70796638350
Option 3 ID : 70796638349
Option 4 ID : 70796638352
Status : Not Answered
Chosen Option : --

Q.4
7 The spark plug gap is adjusted by a:

- Ans ☐ 1. Scale
☐ 2. go gauge
☐ 3. feeler gauge
☒ 4. blade gap adjustment

Question ID : 7079669578
Option 1 ID : 70796638310
Option 2 ID : 70796638311
Option 3 ID : 70796638309
Option 4 ID : 70796638312
Status : Answered
Chosen Option : 3

Q.4
8 The lower hose pipe is connected between:

- Ans ☐ 1. thermostat and water pump
☐ 2. thermostat and radiator
☐ 3. thermostat and bypass valve
☒ 4. water pump inlet and radiator outlet tank

Question ID : 7079669608
Option 1 ID : 70796638431
Option 2 ID : 70796638429
Option 3 ID : 70796638432
Option 4 ID : 70796638430
Status : Answered
Chosen Option : 4

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

- Ans ☐ 1. Metal Oxide Semiconductor Final End Transistor
☐ 2. Metal Offset Flow Effect Thermistor

- ☒ 3. Metal Oxide Semiconductor Field Effect Transistor
- ☒ 4. Metal Oxide Semiconductor Fusion Effect Transistor

Question ID : 7079669602
Option 1 ID : 70796638408
Option 2 ID : 70796638405
Option 3 ID : 70796638407
Option 4 ID : 70796638406
Status : Answered
Chosen Option : 3

Q.5
0 Which among the following metals is the lightest?

- Ans ☒ 1. Aluminium
- ☒ 2. Copper
- ☒ 3. Lead
- ☒ 4. Tin

Question ID : 7079669568
Option 1 ID : 70796638271
Option 2 ID : 70796638272
Option 3 ID : 70796638269
Option 4 ID : 70796638270
Status : Answered
Chosen Option : 1

Q.5
1 Which of the following is a reason for an engine not starting?

- Ans ☒ 1. Timing defect
- ☒ 2. Clogged air cleaner
- ☒ 3. No fuel in the tank
- ☒ 4. Punctured tires

Question ID : 7079669585
Option 1 ID : 70796638339
Option 2 ID : 70796638340
Option 3 ID : 70796638337
Option 4 ID : 70796638338
Status : Answered
Chosen Option : 2

Q.5
2 Which of the following filling metals are used during brazing in an alloy?

- Ans ☒ 1. Zinc and lead
- ☒ 2. Copper and zinc
- ☒ 3. Lead and copper
- ☒ 4. Copper and tin

Question ID : 7079669570
Option 1 ID : 70796638280
Option 2 ID : 70796638277
Option 3 ID : 70796638278
Option 4 ID : 70796638279
Status : Answered
Chosen Option : 2

Q.5
3 In a three-way catalytic converter, HC, CO and NO_x gases are converted as:

- Ans
- ☒ 1. CO₂, NO_x and HC
 - ☒ 2. H₂O, N₂ and CO₂
 - ☒ 3. H₂O, NO_x and HC
 - ☒ 4. CO, N₂ and HC

Question ID : 7079669618

Option 1 ID : 70796638470

Option 2 ID : 70796638471

Option 3 ID : 70796638472

Option 4 ID : 70796638469

Status : Answered

Chosen Option : 2

Q.5
4 What is the full form of VVTI-I?

- Ans
- ☒ 1. Variable Valve Total Line In system
 - ☒ 2. Variable Valve Time and Lift
 - ☒ 3. Variable Valve Timing Lift Intelligence system
 - ☒ 4. Valve Variation Time Line In

Question ID : 7079669620

Option 1 ID : 70796638478

Option 2 ID : 70796638479

Option 3 ID : 70796638480

Option 4 ID : 70796638477

Status : Answered

Chosen Option : 3

Q.5
5 The purpose of Variable valve timing (VVT) is:

- Ans
- ☒ 1. Variation in valve size
 - ☒ 2. No change in valve lift
 - ☒ 3. Alter the valve lift
 - ☒ 4. High vibration on valve head

Question ID : 7079669559

Option 1 ID : 70796638236

Option 2 ID : 70796638234

Option 3 ID : 70796638233

Option 4 ID : 70796638235

Status : Answered

Chosen Option : 3

Q.5
6 In passenger cars, emissions are measured in the unit of:

- Ans
- ☒ 1. g/kwh
 - ☒ 2. Kg/km
 - ☒ 3. g/km
 - ☒ 4. g/m

Question ID : 7079669623

Option 1 ID : 70796638491

Option 2 ID : 70796638489
Option 3 ID : 70796638490
Option 4 ID : 70796638492
Status : Not Answered
Chosen Option : --

Q.5
7 With which one of the following heat treatment processes do we obtain a scale-free surface on the component?

- Ans ☒ 1. Induction hardening
☐ 2. Flame hardening
☐ 3. Case hardening
☐ 4. Nitriding

Question ID : 7079669565
Option 1 ID : 70796638260
Option 2 ID : 70796638257
Option 3 ID : 70796638258
Option 4 ID : 70796638259
Status : Answered
Chosen Option : 3

Q.5
8 Which drill point angle should be used for Zinc alloys?

- Ans ☐ 1. 45°
☐ 2. 30°
☐ 3. 80°
☒ 4. 118°

Question ID : 7079669612
Option 1 ID : 70796638445
Option 2 ID : 70796638446
Option 3 ID : 70796638447
Option 4 ID : 70796638448
Status : Answered
Chosen Option : 4


Q.5
9 Which one of the following is used to hold the straight shank drill having diameter less than 12 mm?

- Ans ☒ 1. Drill chuck
☐ 2. Drill drift
☐ 3. Socket
☐ 4. Sleeve

Question ID : 7079669611
Option 1 ID : 70796638443
Option 2 ID : 70796638444
Option 3 ID : 70796638442
Option 4 ID : 70796638441
Status : Answered
Chosen Option : 1




Q.6
0 Which type of washer is used for locking a nut?

- Ans ☐ 1. Spring washer
☒ 2. Locking washer with lug
☐ 3. Tab washer

 4. Locking device





Question ID : 7079669555
Option 1 ID : 70796638218
Option 2 ID : 70796638220
Option 3 ID : 70796638217
Option 4 ID : 70796638219
Status : Answered
Chosen Option : 2

Q.6
1 What is the point angle of a twist drill?

- Ans  1. 135°
 2. 118°
 3. 90°
 4. 60°





Question ID : 7079669572
Option 1 ID : 70796638285
Option 2 ID : 70796638286
Option 3 ID : 70796638287
Option 4 ID : 70796638288
Status : Answered
Chosen Option : 2

Q.6
2 Which one the following keys is used on an automobile shaft?

- Ans  1. Woodruff key
 2. Gib head key
 3. Taper key
 4. Saddle key

Question ID : 7079669571
Option 1 ID : 70796638283
Option 2 ID : 70796638281
Option 3 ID : 70796638282
Option 4 ID : 70796638284
Status : Answered
Chosen Option : 2

Q.6
3 The high torque electric motor for turning the gear on the engine flywheel is called:

- Ans  1. Reversible motor
 2. Alternator
 3. Dynamo
 4. Starting motor

Question ID : 7079669625
Option 1 ID : 70796638499
Option 2 ID : 70796638498
Option 3 ID : 70796638497
Option 4 ID : 70796638500
Status : Not Answered
Chosen Option : --

Q.6
4

Identify the part shown in the given figure.



- Ans ☒ 1. Snap ring
☒ 2. Wire fastener
☒ 3. Tab washer
☒ 4. Cotter pin

Question ID : 7079669589
Option 1 ID : 70796638353
Option 2 ID : 70796638355
Option 3 ID : 70796638356
Option 4 ID : 70796638354
Status : Answered
Chosen Option : 1

Q.6
5 Which of the following fuels is used in an internal combustion engine?

- Ans ☒ 1. Coal
☒ 2. Wood
☒ 3. Diesel
☒ 4. Hydrogen

Question ID : 7079669607
Option 1 ID : 70796638425
Option 2 ID : 70796638428
Option 3 ID : 70796638426
Option 4 ID : 70796638427
Status : Answered
Chosen Option : 3

Q.6
6 Which type of file is used for internal curved surfaces?

- Ans ☒ 1. Round files
☒ 2. Half round file
☒ 3. Triangular file
☒ 4. Square file

Question ID : 7079669595
Option 1 ID : 70796638378
Option 2 ID : 70796638380
Option 3 ID : 70796638379
Option 4 ID : 70796638377
Status : Answered
Chosen Option : 1

Q.6

7 Following is not part of diesel engine:

- Ans
- ☒ 1. Fuel filter
 - ☒ 2. Fuel injection pump
 - ☒ 3. Spark plug
 - ☒ 4. Injector

Question ID : 7079669599

Option 1 ID : 70796638396

Option 2 ID : 70796638393

Option 3 ID : 70796638395

Option 4 ID : 70796638394

Status : Answered

Chosen Option : 3

Q.6
8 Poor starting of diesel engine can be:

- Ans
- ☒ 1. Air in fuel injection pump
 - ☒ 2. Loose radiator fan belt
 - ☒ 3. Low engine power
 - ☒ 4. Low brake fluid level

Question ID : 7079669598

Option 1 ID : 70796638389

Option 2 ID : 70796638391

Option 3 ID : 70796638390

Option 4 ID : 70796638392

Status : Answered

Chosen Option : 1

Q.6
9 Identify the type of oil filter shown in the given figure.



- Ans
- ☒ 1. Spin on type
 - ☒ 2. Cartridge type
 - ☒ 3. Magnetic type
 - ☒ 4. Centrifugal type

Question ID : 7079669574

Option 1 ID : 70796638293

Option 2 ID : 70796638294

Option 3 ID : 70796638295

Option 4 ID : 70796638296

Status : Answered

Chosen Option : 2

Q.7
0 In a cooling system, a small DC motor is used in which of the following devices?

- Ans
- ☐ 1. Belt
 - ☒ 2. Fan
 - ☐ 3. Pump
 - ☐ 4. Hose pipes

Question ID : 7079669617
Option 1 ID : 70796638467
Option 2 ID : 70796638466
Option 3 ID : 70796638468
Option 4 ID : 70796638465
Status : Answered
Chosen Option : 2

Q.7
1 What is the full form of CRDi?

- Ans
- ☒ 1. Common Rail Direct Injection
 - ☐ 2. Common Road Drive Inspection
 - ☐ 3. Common Road Direct Injection
 - ☐ 4. Common Rod Direct Inductive

Question ID : 7079669584
Option 1 ID : 70796638333
Option 2 ID : 70796638334
Option 3 ID : 70796638335
Option 4 ID : 70796638336
Status : Answered
Chosen Option : 2

Q.7
2 A single cylinder diesel engine produces power for:

- Ans
- ☐ 1. every revolution
 - ☐ 2. 4 revolutions
 - ☐ 3. 1½ revolutions
 - ☒ 4. 2 revolutions

Question ID : 7079669576
Option 1 ID : 70796638301
Option 2 ID : 70796638302
Option 3 ID : 70796638304
Option 4 ID : 70796638303
Status : Answered
Chosen Option : 4

Q.7
3 In a two-stroke engine, the air fuel mixture enters into the combustion chamber through the:

- Ans
- ☐ 1. intake port
 - ☐ 2. inlet manifold
 - ☒ 3. transfer port
 - ☐ 4. exhaust port

Question ID : 7079669605
Option 1 ID : 70796638417
Option 2 ID : 70796638420

Option 3 ID : **70796638419**
Option 4 ID : **70796638418**
Status : **Answered**
Chosen Option : **1**

Q.7
4 A lock nut is provided in a micrometer to:

- Ans
- ☒ 1. lock the reading after setting the job
 - ☒ 2. lock the micrometer when it is not in use
 - ☒ 3. control the movement of the spindle
 - ☒ 4. measure accuracy

Question ID : **7079669563**
Option 1 ID : **70796638250**
Option 2 ID : **70796638252**
Option 3 ID : **70796638249**
Option 4 ID : **70796638251**
Status : **Answered**
Chosen Option : **3**

Q.7
5 In a turbocharger, the turbine wheel housing is connected to the:

- Ans
- ☒ 1. exhaust manifold
 - ☒ 2. flywheel side
 - ☒ 3. intake manifold
 - ☒ 4. front of the engine block

Question ID : **7079669593**
Option 1 ID : **70796638372**
Option 2 ID : **70796638371**
Option 3 ID : **70796638369**
Option 4 ID : **70796638370**
Status : **Answered**
Chosen Option : **3**