RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

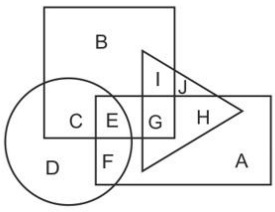
2nd Stage CBT for ALP & TECHNICIANS (CEN-01/2018)

Roll No:	
Participants Name:	
Test Center Name:	ION Digital Zone IDZ KIOT-Campus
Test Date:	23/01/2019
Test Time:	8:30 AM - 11:00 AM
Subject:	**Part A and Exam Trade : Mechanic Motor Vehicle**

1. Options shown in green color with a tick icon are correct
2. Chosen option on top right of the question indicates the option selected by the candidate
3. The numbers indicated against the Question ID and Option ID are the numbers to be noted and used for raising objections

Section : **Part A**

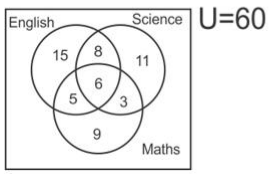
Q.1 In the following figure, the triangle represents actors, the square represents professors, the circle represents Indians and the rectangle represents fathers. Which set of letters represents Indians who are either professors or fathers?



Ans
✗ 1. IGH
✗ 2. E
✓ 3. CEF
✗ 4. G

Question ID : **54335319305**
Option 1 ID : **54335377477**
Option 2 ID : **54335377476**
Option 3 ID : **54335377479**
Option 4 ID : **54335377478**
Status : **Answered**
Chosen Option : **2**

Q.2 The given Venn diagram shows the number of students who have passed in the three exams, viz. English, Science and Maths. How many students failed in all the three exams?



Ans
✗ 1. 6
✗ 2. 12
✗ 3. 9
✓ 4. 3

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Question ID : **54335319306**
Option 1 ID : **54335377481**
Option 2 ID : **54335377483**
Option 3 ID : **54335377482**
Option 4 ID : **54335377480**
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.
Letter : Envelope :: Dagger : ?

Ans
✗ 1. Weapon
✗ 2. Sharp
✓ 3. Sheath
✗ 4. Sword

Question ID : **54335319295**
Option 1 ID : **54335377437**
Option 2 ID : **54335377439**
Option 3 ID : **54335377436**
Option 4 ID : **54335377438**
Status : **Answered**
Chosen Option : **4**

Q.4 Find the length (in cm) of the edge of a cube of a piece of wood which weighs 80 N. (Use g = 10 m/s^2, density of wood = 1g/cm^3)

Ans
✗ 1. 80
✗ 2. 60
✗ 3. 40
✓ 4. 20

Question ID : **54335319248**
Option 1 ID : **54335377251**
Option 2 ID : **54335377250**
Option 3 ID : **54335377248**
Option 4 ID : **54335377249**
Status : **Answered**
Chosen Option : **3**

Q.5 Find the value of 5 SinΘ – 2 CosecΘ, if $\Theta = 30^\circ$.

Ans
✗ 1. 3/2
✓ 2. –3/2
✗ 3. –2/3
✗ 4. 2/3

Question ID : **54335319289**
Option 1 ID : **54335377412**
Option 2 ID : **54335377415**
Option 3 ID : **54335377413**
Option 4 ID : **54335377414**
Status : **Answered**
Chosen Option : **2**

Q.6 In the following question, which set of letters and numbers, when sequentially placed at the gaps in the given series, shall complete it?
1_2x_bb_yy_cc_6zzz

Ans
✓ 1. a345c

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2. 3a45c
3. 3a45b
4. 3a4b5

Question ID : **54335319297**
Option 1 ID : **54335377447**
Option 2 ID : **54335377444**
Option 3 ID : **54335377445**
Option 4 ID : **54335377446**
Status : **Answered**
Chosen Option : **3**

Q.7 The sentences given in the question, which, when properly sequenced, form a coherent paragraph. Each sentence is labelled with a letter. Choose the most logical order of sentences from among the given choices to construct a coherent paragraph.

Outside their window there was a vine with attractive foliage, but it started shedding leaves one by one as summer passed through fall into winter.
A - Came dawn, when Johnsy looked out of the window from her sick bed, lo and behold, the leaf was still there and it continued to be there on the following days.
B - Finally, only one last leaf remained. Johnsy told Sue that when that leaf fell, her life would also go.
C - The girl regained her will to live and was fully recovered in a few days.
D - A concerned elderly artist friend of the girls, hearing this story, climbed outside the window in the bitterly cold night and painted a life-like leaf at the spot from where the last leaf had just fallen.

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

Question ID : **54335319317**
Option 1 ID : **54335377527**
Option 2 ID : **54335377524**
Option 3 ID : **54335377525**
Option 4 ID : **54335377526**
Status : **Answered**
Chosen Option : **4**

Q.8 If A, B and C can do a task working alone in 12, 18 and 36 days respectively. They all work together for 2 days, then B quits. How many days A and C working together will take to complete the remainder of the task?

Ans
1. 4
2. 3
3. 6
4. 9

Question ID : **54335319281**
Option 1 ID : **54335377381**
Option 2 ID : **54335377383**
Option 3 ID : **54335377382**
Option 4 ID : **54335377380**
Status : **Answered**
Chosen Option : **3**

Q.9 Binary 110110101 is equal to decimal _____.

Ans
1. 477
2. 333
3. 437
4. 349

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Question ID : **54335319270**
Option 1 ID : **54335377337**
Option 2 ID : **54335377339**
Option 3 ID : **54335377338**
Option 4 ID : **54335377336**
Status : **Answered**
Chosen Option : **2**

Q.10 Acceleration due to gravity on moon is 1/6th that on earth. How much would an astronaut weigh on moon if he weighs 90 kgf on earth? (acceleration due to gravity on earth = $10 m/s^2$)

Ans
✗ 1. 9 N
✗ 2. 15 N
✓ 3. 150 N
✗ 4. 90 N

Question ID : **54335319240**
Option 1 ID : **54335377219**
Option 2 ID : **54335377217**
Option 3 ID : **54335377218**
Option 4 ID : **54335377216**
Status : **Answered**
Chosen Option : **2**

Q.11 To _____ is to prepare a storage medium, usually a disk, for reading and writing.

Ans
✓ 1. format
✗ 2. boot
✗ 3. map
✗ 4. defrag

Question ID : **54335319269**
Option 1 ID : **54335377335**
Option 2 ID : **54335377332**
Option 3 ID : **54335377334**
Option 4 ID : **54335377333**
Status : **Answered**
Chosen Option : **4**

Q.12 The National Skills Development Corporation (NSDC) is a public-private partnership formed under India's _____.

Ans
✗ 1. Ministry of Science & Technology
✗ 2. Ministry of Corporate Affairs
✗ 3. Ministry of Electronics & Information Technology
✓ 4. Ministry of Finance

Question ID : **54335319222**
Option 1 ID : **54335377146**
Option 2 ID : **54335377147**
Option 3 ID : **54335377145**
Option 4 ID : **54335377144**
Status : **Answered**
Chosen Option : **1**

Q.13 Find the specific latent heat of vaporisation of 1.25 g of nitrogen (in Jg^{-1}), if it releases 250 joules of heat when it condenses at its boiling point of 196° C.

Ans
✓ 1. 200

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✗ 2. 500
✗ 3. 312.5
✗ 4. 469

Question ID : **54335319232**
Option 1 ID : **54335377187**
Option 2 ID : **54335377185**
Option 3 ID : **54335377184**
Option 4 ID : **54335377186**
Status : **Answered**
Chosen Option : **2**

Q.14 If half a litre of hot water at 90°C is mixed with three and a half litres of cold water at 10°C, find the final equilibrium temperature (in $^{\circ}$C) if no heat is lost.

Ans
✗ 1. 30
✗ 2. 40
✗ 3. 50
✓ 4. 20

Question ID : **54335319260**
Option 1 ID : **54335377297**
Option 2 ID : **54335377298**
Option 3 ID : **54335377299**
Option 4 ID : **54335377296**
Status : **Answered**
Chosen Option : **3**

Q.15 Which of the following gases is a highly poisonous, odourless, tasteless and colourless gas?

Ans
✗ 1. Nitrogen dioxide
✓ 2. Carbon monoxide
✗ 3. Methane
✗ 4. Carbon dioxide

Question ID : **54335319267**
Option 1 ID : **54335377326**
Option 2 ID : **54335377327**
Option 3 ID : **54335377325**
Option 4 ID : **54335377324**
Status : **Answered**
Chosen Option : **4**

Q.16 In a certain code DIRTY is coded as 24759 and FOAM is coded as 1863. Using the same code ARID will be coded as _____.

Ans
✓ 1. 6742
✗ 2. 1579
✗ 3. 9165
✗ 4. 2489

Question ID : **54335319299**
Option 1 ID : **54335377454**
Option 2 ID : **54335377455**
Option 3 ID : **54335377452**
Option 4 ID : **54335377453**
Status : **Answered**
Chosen Option : **1**

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Q.17 Select the option that is related to the third word on the same basis as the second word is related to the first word.
Poem : Stanza :: Book : ?

Ans
1. ✗ Language
2. ✗ Story
3. ✓ Page
4. ✗ Printing

Question ID : **54335319296**
Option 1 ID : **54335377443**
Option 2 ID : **54335377440**
Option 3 ID : **54335377442**
Option 4 ID : **54335377441**
Status : **Answered**
Chosen Option : **2**

Q.18 A/An _____ is software used to maintain the security of a private network.

Ans
1. ✗ encryption
2. ✗ clickbait
3. ✓ firewall
4. ✗ malware

Question ID : **54335319239**
Option 1 ID : **54335377213**
Option 2 ID : **54335377212**
Option 3 ID : **54335377214**
Option 4 ID : **54335377215**
Status : **Answered**
Chosen Option : **1**

Q.19 Find the heat capacity of a pan of mass 200 g, if its temperature rises by 8° C on receiving 2000 J of heat.

Ans
1. ✗ 1.25 $Jkg^{-1}K^{-1}$
2. ✗ 50 $Jkg^{-1}K^{-1}$
3. ✗ 5 JK^{-1}
4. ✓ 250 JK^{-1}

Question ID : **54335319251**
Option 1 ID : **54335377263**
Option 2 ID : **54335377261**
Option 3 ID : **54335377262**
Option 4 ID : **54335377260**
Status : **Answered**
Chosen Option : **1**

Q.20 Two cars, X and Y, travel from A to B at average speeds of 50 km/hr and 75 km/hr respectively. If X takes 2 hours more than Y for the journey, then the distance between A and B in km is _____.

Ans
1. ✗ 600
2. ✗ 400
3. ✗ 800
4. ✓ 300

Question ID : **54335319250**
Option 1 ID : **54335377257**
Option 2 ID : **54335377256**

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Option 3 ID : **54335377259**
Option 4 ID : **54335377258**
Status : **Answered**
Chosen Option : **2**

Q.21 What is the relative density of a solid of mass 50 gm which when fully immersed in water weighs 10 gm?

Ans
✗ 1. 5
✗ 2. 2.5
✓ 3. 1.25
✗ 4. 0.8

Question ID : **54335319258**
Option 1 ID : **54335377289**
Option 2 ID : **54335377291**
Option 3 ID : **54335377288**
Option 4 ID : **54335377290**
Status : **Answered**
Chosen Option : **4**

Q.22 Farad per metre is the unit of _____.

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

Question ID : **54335319246**
Option 1 ID : **54335377242**
Option 2 ID : **54335377243**
Option 3 ID : **54335377240**
Option 4 ID : **54335377241**
Status : **Answered**
Chosen Option : **4**

Q.23 Who invented the blue jeans?

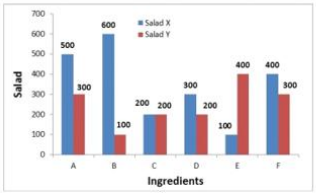
Ans
✗ 1. Calvin Klein
✓ 2. Levi Strauss
✗ 3. Gianni Versace
✗ 4. Todd Oldham

Question ID : **54335319224**
Option 1 ID : **54335377153**
Option 2 ID : **54335377154**
Option 3 ID : **54335377155**
Option 4 ID : **54335377152**
Status : **Answered**
Chosen Option : **3**

Q.24

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The bar graph shows all the ingredients (in grams) required to make two types of salads, X and Y. If Ingredient B of Salad X is reduced by 100 grams and Ingredient E of salad Y is increased by 25% then salad Y would be lighter than salad X by _____.



Ans
1. 25%
2. 22.50%
3. 20%
4. 37.50%

Question ID : **54335319315**
Option 1 ID : **54335377516**
Option 2 ID : **54335377519**
Option 3 ID : **54335377518**
Option 4 ID : **54335377517**
Status : **Not Answered**
Chosen Option : **--**

Q.25 The Living Planet Report, released every two years, is the flagship publication of which organisation?

Ans
1. Conservation International
2. The Nature Conservancy
3. Wildlife Conservation Society
4. World Wide Fund for Nature

Question ID : **54335319221**
Option 1 ID : **54335377143**
Option 2 ID : **54335377140**
Option 3 ID : **54335377141**
Option 4 ID : **54335377142**
Status : **Answered**
Chosen Option : **3**

Q.26 An executive earns a salary of ₹ 12,600 every month, and he spends 5/7 of it. If his salary increases by 1/3rd and his spending increases by 1/5th of the present expenditure, what fraction of his salary will he save?

Ans
1. 5/14
2. 8/15
3. 7/16
4. 7/15

Question ID : **54335319274**
Option 1 ID : **54335377352**
Option 2 ID : **54335377354**
Option 3 ID : **54335377355**
Option 4 ID : **54335377353**
Status : **Not Answered**
Chosen Option : **--**

Q.27 What is the angle between the hour hand and the minute hand at half past two?

Ans
1. 105°
2. 120°

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✗ 3. 75°

✗ 4. 90°

Question ID : **54335319293**
Option 1 ID : **54335377429**
Option 2 ID : **54335377431**
Option 3 ID : **54335377428**
Option 4 ID : **54335377430**
Status : **Answered**
Chosen Option : **2**

Q.28 $(0.12 - 0.0252) \div (0.1 - 0.025) =$ _____.

Ans

✗ 1. 0.325

✗ 2. 0.625

✗ 3. 0.25

✓ 4. 0.125

Question ID : **54335319273**
Option 1 ID : **54335377351**
Option 2 ID : **54335377350**
Option 3 ID : **54335377348**
Option 4 ID : **54335377349**
Status : **Not Answered**
Chosen Option : **--**

Q.29 A postman starts from the post office and cycles 13 km south, then turns west and cycles 10 km, then turns north and cycles 8 km, then turns east and cycles 2 km and then turns to his left and cycles 5 km. Where is he now with reference to his starting position?

Ans

✗ 1. 8 km east

✗ 2. 12 km west

✓ 3. 8 km west

✗ 4. 12 km east

Question ID : **54335319312**
Option 1 ID : **54335377505**
Option 2 ID : **54335377506**
Option 3 ID : **54335377504**
Option 4 ID : **54335377507**
Status : **Answered**
Chosen Option : **3**

Q.30 In a certain gear train, the driver has 18 teeth while the follower has 8 teeth. For every 16 turns of the driver, the follower turns _____ times.

Ans

✗ 1. 8

✗ 2. 9

✓ 3. 36

✗ 4. 18

Question ID : **54335319237**
Option 1 ID : **54335377205**
Option 2 ID : **54335377207**
Option 3 ID : **54335377204**
Option 4 ID : **54335377206**
Status : **Answered**
Chosen Option : **3**

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Q.31 A said to B, "You are my husband's daughter-in-law's son." How is B related to A?

Ans
1. ✗ B is the son of A
2. ✗ B is the brother of A
3. ✓ B is the grandson of A
4. ✗ B is the father of A

Question ID : **54335319304**
Option 1 ID : **54335377473**
Option 2 ID : **54335377475**
Option 3 ID : **54335377472**
Option 4 ID : **54335377474**
Status : **Answered**
Chosen Option : **2**

Q.32 Find the missing number in the given series.

–1.3, –0.8, –0.3, ? , 0.7, 1.2

Ans
1. ✓ 0.2
2. ✗ 0.4
3. ✗ 0.1
4. ✗ 0.3

Question ID : **54335319298**
Option 1 ID : **54335377449**
Option 2 ID : **54335377450**
Option 3 ID : **54335377451**
Option 4 ID : **54335377448**
Status : **Answered**
Chosen Option : **3**

Q.33 Find the power (in W) of a pump if it can lift 1 tonne of water by 90 m in 30 minutes. (Assume 100% efficiency and use $g = 10\ m/s^2$)

Ans
1. ✗ 50
2. ✓ 500
3. ✗ 250
4. ✗ 25

Question ID : **54335319230**
Option 1 ID : **54335377176**
Option 2 ID : **54335377179**
Option 3 ID : **54335377177**
Option 4 ID : **54335377178**
Status : **Not Answered**
Chosen Option : **--**

Q.34 An arrowhead at the end of a dimension line is approximately _____ long and 1 mm wide.

Ans
1. ✗ 1 mm
2. ✗ 1.5 mm
3. ✓ 3 mm
4. ✗ 5 mm

Question ID : **54335319234**
Option 1 ID : **54335377193**
Option 2 ID : **54335377192**
Option 3 ID : **54335377194**

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Option 4 ID : **54335377195**
Status : **Answered**
Chosen Option : **2**

Q.35 Antihistamines are found in some first-aid boxes. When should these drugs be taken?

Ans
✗ 1. To aid in clotting of blood
✗ 2. To ease indigestion and heartburn
✓ 3. To ease the symptoms of hay fever and other allergies
✗ 4. To bring relief from asthma

Question ID : **54335319261**
Option 1 ID : **54335377300**
Option 2 ID : **54335377303**
Option 3 ID : **54335377301**
Option 4 ID : **54335377302**
Status : **Answered**
Chosen Option : **2**

Q.36 An object with greater _____ has greater inertia.

Ans
✗ 1. velocity
✓ 2. mass
✗ 3. volume
✗ 4. acceleration

Question ID : **54335319247**
Option 1 ID : **54335377244**
Option 2 ID : **54335377245**
Option 3 ID : **54335377247**
Option 4 ID : **54335377246**
Status : **Answered**
Chosen Option : **1**

Q.37 -100° Celsius = _____ Fahrenheit

Ans
✗ 1. -373°
✓ 2. -148°
✗ 3. -212°
✗ 4. 173°

Question ID : **54335319264**
Option 1 ID : **54335377315**
Option 2 ID : **54335377312**
Option 3 ID : **54335377313**
Option 4 ID : **54335377314**
Status : **Answered**
Chosen Option : **1**

Q.38 Which of the following is the correct relation between resistance 'R', conductivity 'σ', length 'L' and area of cross section 'A' of a metal wire?

Ans
✗ 1. $RL = A\sigma$
✗ 2. $\sigma = RL/A$
✓ 3. $R\sigma A = L$
✗ 4. $RA = L\sigma$

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Question ID : **54335319233**
Option 1 ID : **54335377191**
Option 2 ID : **54335377190**
Option 3 ID : **54335377188**
Option 4 ID : **54335377189**
Status : **Answered**
Chosen Option : **2**

Q.39 Find the efficiency of a pulley system which has a mechanical advantage of 2.5 and where the load lifts by 2.5 meters on pulling the rope by 10 m.

Ans
✗ 1. 100.00%
✓ 2. 62.50%
✗ 3. 25.00%
✗ 4. 40.00%

Question ID : **54335319257**
Option 1 ID : **54335377284**
Option 2 ID : **54335377287**
Option 3 ID : **54335377285**
Option 4 ID : **54335377286**
Status : **Answered**
Chosen Option : **1**

Q.40 Which of the following recipients of the Dadasaheb Phalke Award received it posthumously?

Ans
✗ 1. Naushad
✗ 2. Satyajit Ray
✗ 3. Durga Khote
✓ 4. Vinod Khanna

Question ID : **54335319223**
Option 1 ID : **54335377148**
Option 2 ID : **54335377151**
Option 3 ID : **54335377149**
Option 4 ID : **54335377150**
Status : **Answered**
Chosen Option : **1**

Q.41 What is the area (in cm^2) of an equilateral triangle of side 8 cm?

Ans
✓ 1. $16\sqrt{3}$
✗ 2. $32\sqrt{3}$
✗ 3. $8\sqrt{3}$
✗ 4. $64\sqrt{3}$

Question ID : **54335319278**
Option 1 ID : **54335377369**
Option 2 ID : **54335377370**
Option 3 ID : **54335377368**
Option 4 ID : **54335377371**
Status : **Answered**
Chosen Option : **2**

Q.42 Find mass of an iron cube of side 2 cm. (Density of iron is 7.8 gm/cm^3)

Ans
✗ 1. 3.9 gm

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2. 15.6 gm
3. 62.4 gm
4. 0.975 gm

Question ID : **54335319235**
Option 1 ID : **54335377198**
Option 2 ID : **54335377199**
Option 3 ID : **54335377197**
Option 4 ID : **54335377196**
Status : **Answered**
Chosen Option : **1**

Q.43 A alone can do a task in 35 days and B alone in 14 days. If they work on it together for 5 days, then what fraction of the task is left?

Ans
1. One-thirds
2. Quarter
3. Three fourths
4. Half

Question ID : **54335319280**
Option 1 ID : **54335377378**
Option 2 ID : **54335377376**
Option 3 ID : **54335377377**
Option 4 ID : **54335377379**
Status : **Answered**
Chosen Option : **4**

Q.44 Which of the following is NOT a base unit?

Ans
1. mole
2. ampere
3. radian
4. candela

Question ID : **54335319245**
Option 1 ID : **54335377238**
Option 2 ID : **54335377239**
Option 3 ID : **54335377237**
Option 4 ID : **54335377236**
Status : **Answered**
Chosen Option : **4**

Q.45 _____ curves employ at least three points to define a curve. The two endpoints of the curve are called anchor points. The other points, which define the shape of the curve, are called handles, tangent points, or nodes.

Ans
1. Bicorn
2. Bezier
3. Deltoid
4. Kappa

Question ID : **54335319243**
Option 1 ID : **54335377228**
Option 2 ID : **54335377231**
Option 3 ID : **54335377229**
Option 4 ID : **54335377230**
Status : **Answered**
Chosen Option : **1**

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Q.46 Find the highest common factor of 506 and 782.

Ans
1. 29 ✗
2. 22 ✗
3. 34 ✗
4. 46 ✓

Question ID : **54335319275**
Option 1 ID : **54335377359**
Option 2 ID : **54335377356**
Option 3 ID : **54335377358**
Option 4 ID : **54335377357**
Status : **Marked For Review**
Chosen Option : **2**

Q.47 If 8 # 12 = 10; 5 # 9 = 7; 6 # 10 = 8, then find the value of 14 # 4.

Ans
1. 3 ✗
2. 10 ✗
3. 5 ✗
4. 9 ✓

Question ID : **54335319302**
Option 1 ID : **54335377467**
Option 2 ID : **54335377464**
Option 3 ID : **54335377466**
Option 4 ID : **54335377465**
Status : **Answered**
Chosen Option : **2**

Q.48 Classical musician Shivkumar Sharma is associated with which musical instrument?

Ans
1. Tabla ✗
2. Santoor ✓
3. Violin ✗
4. Shehnai ✗

Question ID : **54335319228**
Option 1 ID : **54335377168**
Option 2 ID : **54335377171**
Option 3 ID : **54335377170**
Option 4 ID : **54335377169**
Status : **Answered**
Chosen Option : **1**

Q.49 Choose the letters which are different from the rest.

Ans
1. VTR ✓
2. HJL ✗
3. UWY ✗
4. PRT ✗

Question ID : **54335319310**
Option 1 ID : **54335377499**
Option 2 ID : **54335377496**
Option 3 ID : **54335377498**
Option 4 ID : **54335377497**

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

Q.50 If $a - b = 5$ and $ab = 14$, then find $a^2 + b^2$?

Ans
✗ 1. 5
✗ 2. 19
✗ 3. 27
✓ 4. 53

Question ID : **54335319287**
Option 1 ID : **54335377407**
Option 2 ID : **54335377406**
Option 3 ID : **54335377404**
Option 4 ID : **54335377405**
Status : **Answered**
Chosen Option : **4**

Q.51 210 mm x 297 mm are the dimensions of _____ size paper.

Ans
✗ 1. A2
✓ 2. A4
✗ 3. A1
✗ 4. A3

Question ID : **54335319231**
Option 1 ID : **54335377181**
Option 2 ID : **54335377183**
Option 3 ID : **54335377182**
Option 4 ID : **54335377180**
Status : **Answered**
Chosen Option : **3**

Q.52 Which of the following is an example of a first class lever?

Ans
✗ 1. Ice tongs
✗ 2. Wheel barrow
✗ 3. Nut cracker
✓ 4. A pair of scissors

Question ID : **54335319265**
Option 1 ID : **54335377319**
Option 2 ID : **54335377316**
Option 3 ID : **54335377318**
Option 4 ID : **54335377317**
Status : **Answered**
Chosen Option : **4**

Q.53 Rearrange the parts of the sentence in correct order.

In terms of reasons that a customer
X - possibility is that they've actually finished changing, but
Y - might not come out of the changing room, one
Z - the clothes are hopelessly unsuitable

Ans
✓ 1. YXZ

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✗ 2. XZY
✗ 3. ZYX
✗ 4. ZXY

Question ID : **54335319316**
Option 1 ID : **54335377523**
Option 2 ID : **54335377522**
Option 3 ID : **54335377521**
Option 4 ID : **54335377520**
Status : **Answered**
Chosen Option : **4**

Q.54 If a shopkeeper sells an item at ₹ 2,700, he makes 8% profit. If he sells the item at ₹ 3,000 what will be the percentage of profit?

Ans
✓ 1. 20
✗ 2. 25
✗ 3. 12
✗ 4. 10

Question ID : **54335319284**
Option 1 ID : **54335377395**
Option 2 ID : **54335377393**
Option 3 ID : **54335377392**
Option 4 ID : **54335377394**
Status : **Answered**
Chosen Option : **2**

Q.55 Who was the chairman of the Constitution Drafting Committee?

Ans
✗ 1. Sardar Patel
✗ 2. Jawaharlal Nehru
✗ 3. Dr. Rajendra Prasad
✓ 4. Dr. B R Ambedkar

Question ID : **54335319220**
Option 1 ID : **54335377139**
Option 2 ID : **54335377137**
Option 3 ID : **54335377136**
Option 4 ID : **54335377138**
Status : **Answered**
Chosen Option : **3**

Q.56 A truck of mass 5000 kg accelerates from 25 m/s to 35 m/s. Find the change in its kinetic energy (in MJ).

Ans
✓ 1. 1.5
✗ 2. 2
✗ 3. 1
✗ 4. 2.5

Question ID : **54335319262**
Option 1 ID : **54335377306**
Option 2 ID : **54335377305**
Option 3 ID : **54335377304**
Option 4 ID : **54335377307**
Status : **Answered**
Chosen Option : **3**

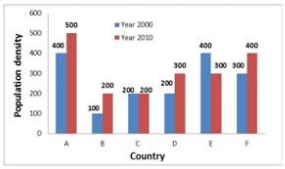
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Q.57 At present, the ratio between the ages of Anu and Dimpy is 5 : 8. After 2 years, the ratio of their ages will become 2 : 3. What was Dimpy's age before 2 years?

Ans
✔ 1. 14
✘ 2. 12
✘ 3. 10
✘ 4. 16

Question ID : **54335319292**
Option 1 ID : **54335377424**
Option 2 ID : **54335377427**
Option 3 ID : **54335377426**
Option 4 ID : **54335377425**
Status : **Answered**
Chosen Option : **3**

Q.58 The bar graph shows the population density of 6 countries for the years 2000 and 2010. By how much is area of Country B greater than area of Country D, if population of Country B in 2000 was 10 million and population of Country D in 2010 was 6 million. Population density is measured here as number of people per 100 sq. km.



Ans
✘ 1. 20%
✔ 2. 400%
✘ 3. 500%
✘ 4. 25%

Question ID : **54335319314**
Option 1 ID : **54335377514**
Option 2 ID : **54335377512**
Option 3 ID : **54335377513**
Option 4 ID : **54335377515**
Status : **Answered**
Chosen Option : **3**

Q.59 Two resistors of R Ω and 60 Ω are connected in parallel to get an effective resistance of 24 Ω. Find R.

Ans
✘ 1. 48
✘ 2. 56
✘ 3. 64
✔ 4. 40

Question ID : **54335319254**
Option 1 ID : **54335377272**
Option 2 ID : **54335377273**
Option 3 ID : **54335377275**
Option 4 ID : **54335377274**
Status : **Answered**
Chosen Option : **4**

Q.60 If the speed of a car increases from 54 km/hr to 90 km/hr, its kinetic energy would increase in the ratio _____.

Ans
✘ 1. 9/16
✔ 2. 9/25
✘ 3. 3/5

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✗ 4. 4/9

Question ID : **54335319249**
Option 1 ID : **54335377254**
Option 2 ID : **54335377255**
Option 3 ID : **54335377252**
Option 4 ID : **54335377253**
Status : **Answered**
Chosen Option : **2**

Q.61 If the amount received at the end of 1st and 2nd year at compound interest on a certain principal is ₹ 1,350 and ₹ 1,458 respectively, what is the rate of interest?

Ans
✗ 1. 12%
✗ 2. 10%
✓ 3. 8%
✗ 4. 15%

Question ID : **54335319283**
Option 1 ID : **54335377389**
Option 2 ID : **54335377388**
Option 3 ID : **54335377390**
Option 4 ID : **54335377391**
Status : **Answered**
Chosen Option : **2**

Q.62 If $\sqrt{X} + 0.24 = \sqrt{0.1296}$, then find X.

Ans
✗ 1. 0.0012
✗ 2. 1.44
✓ 3. 0.0144
✗ 4. 0.12

Question ID : **54335319291**
Option 1 ID : **54335377422**
Option 2 ID : **54335377420**
Option 3 ID : **54335377423**
Option 4 ID : **54335377421**
Status : **Answered**
Chosen Option : **1**

Q.63 In the question, two statements are given, followed by three conclusions, I, II and III. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

Statement 1: All flags are banners.
Statement 2: Some flags are emblems.

Conclusion I: Some emblems are banners.
Conclusion II: All banners are emblems.
Conclusion III: No emblems are banners.

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

Question ID : **54335319308**
Option 1 ID : **54335377489**
Option 2 ID : **54335377490**
Option 3 ID : **54335377488**

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Option 4 ID : **54335377491**
Status : **Answered**
Chosen Option : **1**

Q.64 The Umaid Bhawan Palace is in which city?

Ans
✗ 1. Udaipur
✓ 2. Jodhpur
✗ 3. Bikaner
✗ 4. Jaipur

Question ID : **54335319227**
Option 1 ID : **54335377164**
Option 2 ID : **54335377167**
Option 3 ID : **54335377166**
Option 4 ID : **54335377165**
Status : **Answered**
Chosen Option : **1**

Q.65 When a number is increased by 36, it becomes 109% of itself. What is the number?

Ans
✗ 1. 360
✗ 2. 450
✓ 3. 400
✗ 4. 300

Question ID : **54335319277**
Option 1 ID : **54335377364**
Option 2 ID : **54335377367**
Option 3 ID : **54335377366**
Option 4 ID : **54335377365**
Status : **Not Answered**
Chosen Option : **--**

Q.66 A _____ map converts colour intensity or grayscale information to heights to give the appearance that features are raised above the surface, like embossed letters.

Ans
✓ 1. bump
✗ 2. tint
✗ 3. tone
✗ 4. shade

Question ID : **54335319244**
Option 1 ID : **54335377234**
Option 2 ID : **54335377233**
Option 3 ID : **54335377235**
Option 4 ID : **54335377232**
Status : **Answered**
Chosen Option : **4**

Q.67 Choose the figure which is different from the rest.

Ans
✗ 1.

N	H	Z
C	F	D
A	E	Q

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2. | Z | C | H |
   |---|---|---|
   | F | A | N |
   | Q | D | E |

3. | H | D | N |
   |---|---|---|
   | F | O | Z |
   | C | E | A |

4. | A | C | Q |
   |---|---|---|
   | Z | D | E |
   | N | F | H |

Question ID : **54335319309**
Option 1 ID : **54335377495**
Option 2 ID : **54335377493**
Option 3 ID : **54335377494**
Option 4 ID : **54335377492**
Status : **Answered**
Chosen Option : **2**

Q.68 Which team won the Indian Premier League (IPL) in 2018?

Ans

1. Hyderabad Sunrisers
2. Chennai Super Kings
3. Kolkata Knight Riders
4. Royal Challengers Bangalore

Question ID : **54335319226**
Option 1 ID : **54335377163**
Option 2 ID : **54335377162**
Option 3 ID : **54335377161**
Option 4 ID : **54335377160**
Status : **Answered**
Chosen Option : **3**

Q.69 In a certain code language, '+' represents '×', '÷' represents '+', '–' represents '÷' and '×' represents '–'. Find out the answer to the following question.

$12 \div 6 - 2 + 10 \times 5 = ?$

Ans

1. 37
2. 50
3. 16
4. 23

Question ID : **54335319301**
Option 1 ID : **54335377462**
Option 2 ID : **54335377463**
Option 3 ID : **54335377460**
Option 4 ID : **54335377461**
Status : **Answered**
Chosen Option : **2**

Q.70 If $5x/2 - 1/4\ (6x - 5/3) = 7/6$, then the value of x is _____.

Ans

1. 3/7
2. 5/4
3. 3/4

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✗ 4. 5/7

Question ID : **54335319286**
Option 1 ID : **54335377402**
Option 2 ID : **54335377401**
Option 3 ID : **54335377400**
Option 4 ID : **54335377403**
Status : **Not Answered**
Chosen Option : **--**

Q.71 In a steady-flowing river, a boat goes a certain distance upstream at a speed of 12 km/h and comes back the same distance at 24 km/h. Find the average speed for the total journey.

Ans
✗ 1. 18 km/h
✗ 2. 20 km/h
✗ 3. 15 km/h
✓ 4. 16 km/h

Question ID : **54335319282**
Option 1 ID : **54335377385**
Option 2 ID : **54335377386**
Option 3 ID : **54335377387**
Option 4 ID : **54335377384**
Status : **Answered**
Chosen Option : **2**

Q.72 What is the diameter (in cm) of a sphere of surface area 1386 cm^2 ?

Ans
✗ 1. 24.5
✗ 2. 10.5
✗ 3. 14
✓ 4. 21

Question ID : **54335319279**
Option 1 ID : **54335377375**
Option 2 ID : **54335377373**
Option 3 ID : **54335377374**
Option 4 ID : **54335377372**
Status : **Answered**
Chosen Option : **4**

Q.73 Two children, weighing 30 kg and 15 kg, sit on one side of a see-saw at a distance of 1 m and 1.2 m respectively, from the fulcrum. A boy of 'M' kg sits on the other side of the see-saw at a distance of 1.2 m from the fulcrum, and the see-saw is in equilibrium. Find M.

Ans
✓ 1. 40
✗ 2. 45
✗ 3. 36
✗ 4. 48

Question ID : **54335319241**
Option 1 ID : **54335377222**
Option 2 ID : **54335377223**
Option 3 ID : **54335377221**
Option 4 ID : **54335377220**
Status : **Not Answered**
Chosen Option : **--**

Q.74 A bullet travels 90 m in 0.2 seconds. Find its speed in km/hr.

Ans

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✗ 1. 1,250
✗ 2. 125
✗ 3. 162
✓ 4. 1,620

Question ID : **54335319263**
Option 1 ID : **54335377311**
Option 2 ID : **54335377308**
Option 3 ID : **54335377309**
Option 4 ID : **54335377310**
Status : **Answered**
Chosen Option : **2**

Q.75 A and B start to walk from point P towards point Q. The distance between P and Q is 9 km. B starts 4 minutes after A. A, on reaching Q, immediately returns and after walking a kilometre meets B. If A's speed is a kilometre in 10 minutes, what is B's speed in kilometres per minute?

Ans
✓ 1. 1/12
✗ 2. 1/8
✗ 3. 1/6
✗ 4. 1/15

Question ID : **54335319259**
Option 1 ID : **54335377292**
Option 2 ID : **54335377293**
Option 3 ID : **54335377294**
Option 4 ID : **54335377295**
Status : **Not Answered**
Chosen Option : **--**

Q.76 The weights of 3 boxes are 4, 7 and 10 kilograms. Which of the following CANNOT be the total weight, in kilograms, of any combination of these boxes?

Ans
✗ 1. 14
✓ 2. 18
✗ 3. 17
✗ 4. 21

Question ID : **54335319318**
Option 1 ID : **54335377528**
Option 2 ID : **54335377529**
Option 3 ID : **54335377530**
Option 4 ID : **54335377531**
Status : **Answered**
Chosen Option : **4**

Q.77 Choose the one which is different from the rest.

Ans
✗ 1. Brother
✗ 2. Son
✗ 3. Father
✓ 4. Mother-in-law

Question ID : **54335319311**
Option 1 ID : **54335377501**
Option 2 ID : **54335377502**
Option 3 ID : **54335377500**
Option 4 ID : **54335377503**
Status : **Answered**

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Chosen Option : **4**

Q.78 If 3A = 6B = 7C; find A : B : C.

Ans
1. 7 : 12 : 6
2. 14 : 7 : 6
3. 12 : 7 : 3
4. 7 : 3 : 12

Question ID : **54335319276**
Option 1 ID : **54335377360**
Option 2 ID : **54335377361**
Option 3 ID : **54335377363**
Option 4 ID : **54335377362**
Status : **Answered**
Chosen Option : **4**

Q.79 If 36 J of work is done in moving a charge Q across 8 V, find Q (in coulombs).

Ans
1. 4.5
2. 9
3. 288
4. 16

Question ID : **54335319255**
Option 1 ID : **54335377279**
Option 2 ID : **54335377277**
Option 3 ID : **54335377276**
Option 4 ID : **54335377278**
Status : **Answered**
Chosen Option : **1**

Q.80 _____ is the physiological adjustment by an organism to environmental change.

Ans
1. Bioaccumulation
2. Cogeneration
3. Bioremediation
4. Acclimation

Question ID : **54335319268**
Option 1 ID : **54335377328**
Option 2 ID : **54335377330**
Option 3 ID : **54335377329**
Option 4 ID : **54335377331**
Status : **Answered**
Chosen Option : **3**

Q.81 Which hazardous substance can cause lung cancer?

Ans
1. Asbestos particles
2. Arsenic
3. Benzene vapours
4. Herbicides

Question ID : **54335319238**
Option 1 ID : **54335377209**
Option 2 ID : **54335377210**

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Option 3 ID : **54335377208**
Option 4 ID : **54335377211**
Status : **Answered**
Chosen Option : **3**

Q.82 ஒரு அறிக்கை இரண்டு முடிவுகளுடன் வழக்கப்பட்டுள்ளது. வழக்கப்பட்டுள்ள இரண்டு முடிவுகளில் எது நிச்சயம் அறிக்கையிலிருந்து எடுக்கப்பட்டுள்ளது என்பதை தீர்மானிக்கவும்.

அறிக்கை: வருவாய் அதிகரிப்பதற்கு ஏற்ப, கார்கள் அதிகம் கட்டுப்படி ஆவதாக மாறுகிறது.

முடிவு 1: தொழில் நுட்பம் அதிகம் பயன்படுத்தப்படும் நிலையில், ஒரு தலைமுறைக்கு முன்பு இருந்ததை காட்டிலும் கார்கள் தற்போது மலிவானதாக திகழ்கிறது.

முடிவு 2: கார்கள் எண்ணிக்கை மிக அதிகமாக உயறும் என்பதால் எந்தவொரு எதிர்கால தொழில் நுட்பத்தாலும், போக்குவரத்து பிரச்சனையை சரிசெய்ய முடியாது.

Ans
✗ 1. முடிவு II மட்டுமே பின்தொடர்கிறது
✗ 2. I மற்றும் II ஆகிய இரண்டுமே பின்தொடர்கின்றன
✗ 3. முடிவு I மட்டுமே பின்தொடர்கிறது
✓ 4. I அல்லது II இரண்டுமே பின்தொடரவில்லை

Question ID : **54335319319**
Option 1 ID : **54335377533**
Option 2 ID : **54335377535**
Option 3 ID : **54335377532**
Option 4 ID : **54335377534**
Status : **Answered**
Chosen Option : **3**

Q.83 The sum of two binary numbers 1101111 and 1100101 is _____.

Ans
✗ 1. 100011100
✗ 2. 100000110
✓ 3. 11010100
✗ 4. 11110000

Question ID : **54335319271**
Option 1 ID : **54335377343**
Option 2 ID : **54335377342**
Option 3 ID : **54335377340**
Option 4 ID : **54335377341**
Status : **Answered**
Chosen Option : **3**

Q.84 Green and yellow vegetables in our diet mostly provide us which element as food?

Ans
✗ 1. Copper
✗ 2. Sodium
✓ 3. Potassium
✗ 4. Zinc

Question ID : **54335319266**
Option 1 ID : **54335377320**
Option 2 ID : **54335377323**
Option 3 ID : **54335377321**
Option 4 ID : **54335377322**

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

Q.85 20 – 2[25% of (15 × 8 ÷ 6 + 12)] = _____

Ans
✔ 1. 4
✘ 2. 10
✘ 3. 8
✘ 4. 6

Question ID : **54335319272**
Option 1 ID : **54335377347**
Option 2 ID : **54335377346**
Option 3 ID : **54335377345**
Option 4 ID : **54335377344**
Status : **Not Answered**
Chosen Option : **--**

Q.86 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 can definitely be drawn from the given statement.

Statement: "You are appointed as a trainee accountant on temporary basis. Your employment status will automatically be converted to permanent on submission of pass result of M Com final exam." – Extract from an appointment letter.
Assumptions:
I. M Com final exam is a reasonable proof of an accountant's capability.
II. All trainees are appointed on temporary basis.

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

Question ID : **54335319313**
Option 1 ID : **54335377509**
Option 2 ID : **54335377510**
Option 3 ID : **54335377511**
Option 4 ID : **54335377508**
Status : **Marked For Review**
Chosen Option : **2**

Q.87 Find the co-ordinates of the midpoint of the segment joining the points (–4,7) and (2,3).

Ans
✔ 1. (–1,5)
✘ 2. (1,–5)
✘ 3. (–2,3)
✘ 4. (2,4)

Question ID : **54335319288**
Option 1 ID : **54335377410**
Option 2 ID : **54335377411**
Option 3 ID : **54335377409**
Option 4 ID : **54335377408**
Status : **Marked For Review**
Chosen Option : **3**

Q.88 If A $ B means A is the husband of B, A # B means A is the brother of B and A * B means A is the mother of B, then what does P $ Q * R # S mean?

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Ans
1. P is the son of S
2. P is the brother-in-law of S
3. P is the father of S
4. P is the brother of S

Question ID : **54335319303**
Option 1 ID : **54335377468**
Option 2 ID : **54335377470**
Option 3 ID : **54335377471**
Option 4 ID : **54335377469**
Status : **Answered**
Chosen Option : **1**

Q.89 Find x if the mean of the numbers 10, 4, 1, 15, 15, x, 12 and 14 is 10.

Ans
1. 7
2. 9
3. 10
4. 8

Question ID : **54335319290**
Option 1 ID : **54335377418**
Option 2 ID : **54335377419**
Option 3 ID : **54335377417**
Option 4 ID : **54335377416**
Status : **Not Answered**
Chosen Option : **--**

Q.90 A trader buys 60 bags of grain at ₹ 400 each. If he sells 18 bags at 8% profit, at what price should he sell the remaining bags to make 16.4% overall profit on selling the 60 bags?

Ans
1. ₹ 500
2. ₹ 520
3. ₹ 540
4. ₹ 480

Question ID : **54335319285**
Option 1 ID : **54335377396**
Option 2 ID : **54335377397**
Option 3 ID : **54335377398**
Option 4 ID : **54335377399**
Status : **Answered**
Chosen Option : **3**

Q.91 Find the potential difference (in V) across a resistance of 2.5 kΩ through which a 2 mA current flows.

Ans
1. 0.2
2. 5
3. 1.25
4. 0.8

Question ID : **54335319256**
Option 1 ID : **54335377282**
Option 2 ID : **54335377283**
Option 3 ID : **54335377280**
Option 4 ID : **54335377281**
Status : **Answered**
Chosen Option : **1**

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Q.92 Find the work done (in kJ) if a force of 750 N pushes a cart of mass 30 kg by 16 m.

Ans
✔ 1. 12
✘ 2. 48
✘ 3. 36
✘ 4. 24

Question ID : **54335319236**
Option 1 ID : **54335377201**
Option 2 ID : **54335377202**
Option 3 ID : **54335377203**
Option 4 ID : **54335377200**
Status : **Answered**
Chosen Option : **3**

Q.93 Pipe A can fill a tank in 6 hours. Pipe B can empty it in 15 hours. If both the pipes are opened together, then the tank will be filled in how many hours?

Ans
✘ 1. 8
✘ 2. 12
✘ 3. 9
✔ 4. 10

Question ID : **54335319294**
Option 1 ID : **54335377432**
Option 2 ID : **54335377435**
Option 3 ID : **54335377433**
Option 4 ID : **54335377434**
Status : **Answered**
Chosen Option : **1**

Q.94 _____ is when we cover a surface with a pattern of flat shapes so that there are no overlaps or gaps.

Ans
✘ 1. Gradient
✘ 2. Kerning
✔ 3. Tessellation
✘ 4. Tracking

Question ID : **54335319242**
Option 1 ID : **54335377227**
Option 2 ID : **54335377224**
Option 3 ID : **54335377226**
Option 4 ID : **54335377225**
Status : **Answered**
Chosen Option : **4**

Q.95 The resistance of a metal rod depends on all of the following, EXCEPT _____.

Ans
✘ 1. resistivity
✔ 2. density
✘ 3. temperature
✘ 4. length

Question ID : **54335319253**
Option 1 ID : **54335377271**
Option 2 ID : **54335377270**

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Option 3 ID : **54335377268**
Option 4 ID : **54335377269**
Status : **Answered**
Chosen Option : **4**

Q.96 The author of 'The Monk Who Sold His Ferrari' is _____.

Ans
✗ 1. Arundhati Roy
✗ 2. Arvind Adiga
✓ 3. Robin Sharma
✗ 4. Manohar Malgonkar

Question ID : **54335319225**
Option 1 ID : **54335377157**
Option 2 ID : **54335377158**
Option 3 ID : **54335377159**
Option 4 ID : **54335377156**
Status : **Answered**
Chosen Option : **4**

Q.97 Which of the following folk dances is from Assam?

Ans
✗ 1. Giddha
✗ 2. Nati
✗ 3. Lezim
✓ 4. Bagurumba

Question ID : **54335319229**
Option 1 ID : **54335377174**
Option 2 ID : **54335377172**
Option 3 ID : **54335377175**
Option 4 ID : **54335377173**
Status : **Answered**
Chosen Option : **2**

Q.98 In the question, two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

Statement 1: Some wagons are buggies.
Statement 2: All wagons are carts.

Conclusion I: All buggies are carts.
Conclusion II: Some carts are buggies.

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

Question ID : **54335319307**
Option 1 ID : **54335377486**
Option 2 ID : **54335377485**
Option 3 ID : **54335377484**
Option 4 ID : **54335377487**
Status : **Not Answered**
Chosen Option : **--**

Q.99

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9 Here are some words from an artificial language.

unacri means lighthouse

bancri means lightweight

banetu means overweight

Which word would mean 'overdrive'?

Ans
1. simuna
2. criteh
3. adiban
4. adietu

Question ID : **54335319300**
Option 1 ID : **54335377456**
Option 2 ID : **54335377459**
Option 3 ID : **54335377457**
Option 4 ID : **54335377458**
Status : **Answered**
Chosen Option : **4**

Q.100 Find the specific heat capacity (in $Jg^{-1}K^{-1}$) of a block of metal of mass 500 g, the temperature of which rises by 80 °C when it absorbs 10 kJ of heat?

Ans
1. 0.16
2. 0.4
3. 1.56
4. 0.25

Question ID : **54335319252**
Option 1 ID : **54335377265**
Option 2 ID : **54335377266**
Option 3 ID : **54335377264**
Option 4 ID : **54335377267**
Status : **Answered**
Chosen Option : **3**

Section : **Mechanic Motor Vehicle**

Q.1 Which fire extinguisher is suitable for live electrical fire?

Ans
1. Halon
2. CO_2
3. Water filled
4. Liquefied chemical

Question ID : **54335319320**
Option 1 ID : **54335377536**
Option 2 ID : **54335377538**
Option 3 ID : **54335377537**
Option 4 ID : **54335377539**
Status : **Answered**
Chosen Option : **1**

Q.2 Which of the following does not require a coolant during reaming?

Ans
1. Aluminium
2. Steel

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✔ 3. Cast iron

✘ 4. Copper

Question ID : **54335319326**
Option 1 ID : **54335377560**
Option 2 ID : **54335377563**
Option 3 ID : **54335377561**
Option 4 ID : **54335377562**
Status : **Answered**
Chosen Option : **3**

Q.3 The purpose of holding the hammer handle at its end is to:

Ans

✘ 1. avoid injury to hand

✘ 2. get a proper grip

✔ 3. have maximum leverage

✘ 4. avoid damage to workpiece

Question ID : **54335319321**
Option 1 ID : **54335377540**
Option 2 ID : **54335377541**
Option 3 ID : **54335377542**
Option 4 ID : **54335377543**
Status : **Answered**
Chosen Option : **2**

Q.4 The taper shank drills are held on machines by means of:

Ans

✔ 1. Sleeves

✘ 2. Drifts

✘ 3. Vices

✘ 4. Chucks

Question ID : **54335319323**
Option 1 ID : **54335377550**
Option 2 ID : **54335377549**
Option 3 ID : **54335377551**
Option 4 ID : **54335377548**
Status : **Answered**
Chosen Option : **4**

Q.5 The most common base material for ICs is:

Ans

✘ 1. carbon

✔ 2. silicon

✘ 3. gallium

✘ 4. germanium

Question ID : **54335319386**
Option 1 ID : **54335377802**
Option 2 ID : **54335377801**
Option 3 ID : **54335377803**
Option 4 ID : **54335377800**
Status : **Answered**
Chosen Option : **1**

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Q.6 CRDI stands for:

Ans
- ✗ 1. Common Rail Distributor Injector
- ✗ 2. Common Regular Direct Interval
- ✗ 3. Common Rack Direct Injection
- ✓ 4. Common Rail Direct Injection

Question ID : **54335319351**
Option 1 ID : **54335377662**
Option 2 ID : **54335377661**
Option 3 ID : **54335377663**
Option 4 ID : **54335377660**
Status : **Answered**
Chosen Option : **1**

Q.7 The chisel will dig into the material when:

Ans
- ✗ 1. the angle of inclination is too low
- ✓ 2. the angle of inclination is more
- ✗ 3. the rake angle is more
- ✗ 4. the clearance angle is too low

Question ID : **54335319378**
Option 1 ID : **54335377771**
Option 2 ID : **54335377770**
Option 3 ID : **54335377768**
Option 4 ID : **54335377769**
Status : **Answered**
Chosen Option : **2**

Q.8 Which of the following is a common reason for using aluminium sheets?

Ans
- ✗ 1. Brightness
- ✓ 2. Lightness
- ✗ 3. Dullness
- ✗ 4. Darkness

Question ID : **54335319327**
Option 1 ID : **54335377565**
Option 2 ID : **54335377564**
Option 3 ID : **54335377566**
Option 4 ID : **54335377567**
Status : **Answered**
Chosen Option : **2**

Q.9 Which type of fuel injection pump has a plunger and barrel assembly for each cylinder of the engine?

Ans
- ✗ 1. CRDI pump
- ✗ 2. Distributor pump
- ✓ 3. Inline pump
- ✗ 4. Feed pump

Question ID : **54335319348**
Option 1 ID : **54335377651**

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Option 2 ID : **54335377648**
Option 3 ID : **54335377649**
Option 4 ID : **54335377650**
Status : **Not Answered**
Chosen Option : **--**

Q.10 What is the function of hydraulic pumps in hydraulic systems?

Ans
✗ 1. To produce flow only and not pressure
✓ 2. To deliver fluid into the hydraulic system
✗ 3. To develop pressure on the surface of oil
✗ 4. To permit the pressure in the reservoir to force fluid into the pump

Question ID : **54335319334**
Option 1 ID : **54335377594**
Option 2 ID : **54335377593**
Option 3 ID : **54335377592**
Option 4 ID : **54335377595**
Status : **Answered**
Chosen Option : **4**

Q.11 An alternator is generally fitted at _____ of the engine.

Ans
✗ 1. bottom side
✗ 2. centre
✗ 3. rear side
✓ 4. front side

Question ID : **54335319373**
Option 1 ID : **54335377751**
Option 2 ID : **54335377750**
Option 3 ID : **54335377749**
Option 4 ID : **54335377748**
Status : **Answered**
Chosen Option : **3**

Q.12 Which type of lifting equipment is used in service stations for servicing of vehicles?

Ans
✗ 1. Hydraulic press
✗ 2. Arbor press
✗ 3. Hydraulic jack
✓ 4. Hydraulic hoist

Question ID : **54335319335**
Option 1 ID : **54335377598**
Option 2 ID : **54335377599**
Option 3 ID : **54335377596**
Option 4 ID : **54335377597**
Status : **Answered**
Chosen Option : **3**

Q.13 What controls the fuel metering and delivering in the MPFI system?

Ans
✗ 1. Relay
✓ 2. Electronic control module

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✗ 3. Fuse

✗ 4. Fusible link

Question ID : **54335319369**
Option 1 ID : **54335377735**
Option 2 ID : **54335377732**
Option 3 ID : **54335377734**
Option 4 ID : **54335377733**
Status : **Answered**
Chosen Option : **2**

Q.14 Piston pin connects piston and _____.

Ans

✓ 1. connecting rod

✗ 2. crankshaft

✗ 3. camshaft

✗ 4. valve

Question ID : **54335319389**
Option 1 ID : **54335377812**
Option 2 ID : **54335377814**
Option 3 ID : **54335377813**
Option 4 ID : **54335377815**
Status : **Answered**
Chosen Option : **1**

Q.15 The opening and closing of the valve in relation to the piston movement is called:

Ans

✗ 1. valve mechanism

✗ 2. valve overlap

✓ 3. valve timing

✗ 4. valve operation

Question ID : **54335319393**
Option 1 ID : **54335377830**
Option 2 ID : **54335377831**
Option 3 ID : **54335377828**
Option 4 ID : **54335377829**
Status : **Answered**
Chosen Option : **3**

Q.16 Which of the following is the function of a flywheel?

Ans

✗ 1. It supports the timing gear.

✗ 2. It drives the camshaft.

✗ 3. It controls the crankshaft end play.

✓ 4. It serves as a mounting and frictional surface for clutch assembly.

Question ID : **54335319341**
Option 1 ID : **54335377622**
Option 2 ID : **54335377621**
Option 3 ID : **54335377623**
Option 4 ID : **54335377620**
Status : **Answered**
Chosen Option : **2**

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Q.17 Halon extinguishers are filled with:

Ans
✗ 1. water
✗ 2. liquefied petroleum gas
✗ 3. kerosene
✓ 4. carbon tetrachloride

Question ID : **54335319377**
Option 1 ID : **54335377764**
Option 2 ID : **54335377765**
Option 3 ID : **54335377767**
Option 4 ID : **54335377766**
Status : **Answered**
Chosen Option : **4**

Q.18 Gear box and differential together are enclosed in a box, which is called the _____.

Ans
✗ 1. Transfer case
✓ 2. Transaxle
✗ 3. Gear box
✗ 4. Multi-axle

Question ID : **54335319359**
Option 1 ID : **54335377693**
Option 2 ID : **54335377695**
Option 3 ID : **54335377692**
Option 4 ID : **54335377694**
Status : **Marked For Review**
Chosen Option : **3**

Q.19 Which part of the piston is subjected to high pressure and temperature?

Ans
✓ 1. Crown
✗ 2. Skirt
✗ 3. Ring section
✗ 4. Lead

Question ID : **54335319394**
Option 1 ID : **54335377832**
Option 2 ID : **54335377833**
Option 3 ID : **54335377835**
Option 4 ID : **54335377834**
Status : **Marked For Review**
Chosen Option : **3**

Q.20 In rear axle, what is used between the axle retainer plate and the housing to limit axle end play?

Ans
✗ 1. Spring
✗ 2. Thrust washers
✓ 3. Shims
✗ 4. Spring washers

Question ID : **54335319357**
Option 1 ID : **54335377687**
Option 2 ID : **54335377685**

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Option 3 ID : **54335377686**
Option 4 ID : **54335377684**
Status : **Answered**
Chosen Option : **1**

Q.21 Stoichiometric ratio is associated with:

Ans
✗ 1. volumetric efficiency
✓ 2. air to fuel ratio
✗ 3. compression pressure
✗ 4. mechanical efficiency

Question ID : **54335319367**
Option 1 ID : **54335377726**
Option 2 ID : **54335377724**
Option 3 ID : **54335377725**
Option 4 ID : **54335377727**
Status : **Answered**
Chosen Option : **4**

Q.22 The exhaust manifold in small diesel engines is made of:

Ans
✓ 1. cast iron
✗ 2. Copper
✗ 3. Aluminium
✗ 4. brass

Question ID : **54335319347**
Option 1 ID : **54335377644**
Option 2 ID : **54335377647**
Option 3 ID : **54335377646**
Option 4 ID : **54335377645**
Status : **Answered**
Chosen Option : **1**

Q.23 Which of the following is NOT a part of the MPFI system?

Ans
✗ 1. Throttle position sensor
✗ 2. Electrical fuel pump
✓ 3. Carburettor
✗ 4. Electronic fuel injector

Question ID : **54335319368**
Option 1 ID : **54335377728**
Option 2 ID : **54335377730**
Option 3 ID : **54335377731**
Option 4 ID : **54335377729**
Status : **Answered**
Chosen Option : **3**

Q.24 Which types of rims are used generally in light vehicles?

Ans
✗ 1. Wire spoke
✗ 2. Split - type
✗ 3. Artillery

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✔ 4. Press - type

Question ID : **54335319364**
Option 1 ID : **54335377714**
Option 2 ID : **54335377713**
Option 3 ID : **54335377715**
Option 4 ID : **54335377712**
Status : **Answered**
Chosen Option : **3**

Q.25 A _____ is mounted on the rear end of a crankshaft.

Ans
✘ 1. vibration damper
✘ 2. timing sprocket
✘ 3. counter weight
✔ 4. flywheel

Question ID : **54335319340**
Option 1 ID : **54335377618**
Option 2 ID : **54335377616**
Option 3 ID : **54335377619**
Option 4 ID : **54335377617**
Status : **Answered**
Chosen Option : **3**

Q.26 In a multi - cylinder engine, which of the following arrangements is considered to be the simplest?

Ans
✘ 1. Horizontally opposed type
✔ 2. Cylinders in - line
✘ 3. V- engines
✘ 4. Radial

Question ID : **54335319342**
Option 1 ID : **54335377626**
Option 2 ID : **54335377624**
Option 3 ID : **54335377625**
Option 4 ID : **54335377627**
Status : **Not Answered**
Chosen Option : **--**

Q.27 The colour of the negative plates of a lead acid battery is:

Ans
✘ 1. White
✔ 2. Grey
✘ 3. Brown
✘ 4. Black

Question ID : **54335319329**
Option 1 ID : **54335377574**
Option 2 ID : **54335377573**
Option 3 ID : **54335377572**
Option 4 ID : **54335377575**
Status : **Answered**
Chosen Option : **3**

Q.2

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8 What is the function of a sensor in the MPFI system?

Ans ✔ 1. It senses the information in the form of physical and chemical variables.

✘ 2. It operates the injector.

✘ 3. It does the mechanical work.

✘ 4. It controls the pressure.

Question ID : **54335319370**
Option 1 ID : **54335377739**
Option 2 ID : **54335377737**
Option 3 ID : **54335377738**
Option 4 ID : **54335377736**
Status : **Answered**
Chosen Option : **2**

Q.29 Pneumatic study deals with the study of systems operated with:

Ans ✔ 1. air

✘ 2. oil

✘ 3. solid

✘ 4. water

Question ID : **54335319390**
Option 1 ID : **54335377816**
Option 2 ID : **54335377818**
Option 3 ID : **54335377819**
Option 4 ID : **54335377817**
Status : **Answered**
Chosen Option : **1**

Q.30 The part that must be fitted in a piston to ensure a good seal with the cylinder wall is called:

Ans ✘ 1. piston pins

✔ 2. piston rings

✘ 3. connecting rods

✘ 4. Gaskets

Question ID : **54335319336**
Option 1 ID : **54335377600**
Option 2 ID : **54335377602**
Option 3 ID : **54335377601**
Option 4 ID : **54335377603**
Status : **Answered**
Chosen Option : **2**

Q.31 Which tool is used to remove and refit valves in a cylinder head?

Ans ✘ 1. Valve bend remover

✔ 2. Valve spring remover

✘ 3. Spring tension tester

✘ 4. Valve spring aligner

Question ID : **54335319343**
Option 1 ID : **54335377629**

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Option 2 ID : **54335377628**
Option 3 ID : **54335377631**
Option 4 ID : **54335377630**
Status : **Answered**
Chosen Option : **2**

Q.32 In an overhead valve system, the cylinder head supports the _____.

Ans
1. ✗ oil pump
2. ✓ rocker shaft assembly
3. ✗ crankshaft
4. ✗ oil pan

Question ID : **54335319338**
Option 1 ID : **54335377611**
Option 2 ID : **54335377609**
Option 3 ID : **54335377610**
Option 4 ID : **54335377608**
Status : **Answered**
Chosen Option : **3**

Q.33 In diesel engines, fuel and air are mixed in the _____.

Ans
1. ✗ injector
2. ✗ carburettor
3. ✗ inlet port
4. ✓ combustion chamber

Question ID : **54335319392**
Option 1 ID : **54335377825**
Option 2 ID : **54335377824**
Option 3 ID : **54335377827**
Option 4 ID : **54335377826**
Status : **Not Answered**
Chosen Option : **--**

Q.34 Which of the following is NOT a heat treatment process?

Ans
1. ✗ Normalising
2. ✗ Tempering
3. ✓ Machining
4. ✗ Annealing

Question ID : **54335319332**
Option 1 ID : **54335377585**
Option 2 ID : **54335377586**
Option 3 ID : **54335377587**
Option 4 ID : **54335377584**
Status : **Answered**
Chosen Option : **4**

Q.35 The function of an alternator in vehicles is to:

Ans
1. ✗ discharge the battery
2. ✗ measure the current

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✔ 3. charge the battery

✘ 4. measure the voltage

Question ID : **54335319353**
Option 1 ID : **54335377670**
Option 2 ID : **54335377668**
Option 3 ID : **54335377671**
Option 4 ID : **54335377669**
Status : **Answered**
Chosen Option : **2**

Q.36 The choke in the carburettor is generally used when the engine is:

Ans

✔ 1. to be cold started

✘ 2. Idling

✘ 3. running at high speed

✘ 4. to be suddenly accelerated

Question ID : **54335319366**
Option 1 ID : **54335377723**
Option 2 ID : **54335377720**
Option 3 ID : **54335377721**
Option 4 ID : **54335377722**
Status : **Answered**
Chosen Option : **1**

Q.37 Headlights are also used as:

Ans

✘ 1. stop indicators

✘ 2. side indicators

✔ 3. signalling devices

✘ 4. heating devices

Question ID : **54335319374**
Option 1 ID : **54335377753**
Option 2 ID : **54335377752**
Option 3 ID : **54335377754**
Option 4 ID : **54335377755**
Status : **Answered**
Chosen Option : **3**

Q.38 What does NDT stand for?

Ans

✘ 1. Non - Dial Test

✘ 2. Non - Driving Test

✔ 3. Non - Destructive Test

✘ 4. Non - Dry Test

Question ID : **54335319333**
Option 1 ID : **54335377590**
Option 2 ID : **54335377588**
Option 3 ID : **54335377589**
Option 4 ID : **54335377591**
Status : **Not Answered**
Chosen Option : **--**

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Q.39 What is determined while measuring a component?

Ans
✗ 1. Specified size
✗ 2. Nominal size
✓ 3. Actual size
✗ 4. Scale size

Question ID : **54335319379**
Option 1 ID : **54335377774**
Option 2 ID : **54335377772**
Option 3 ID : **54335377773**
Option 4 ID : **54335377775**
Status : **Answered**
Chosen Option : **3**

Q.40 Which component acts as the drive device in the automobile air conditioning system?

Ans
✗ 1. Condenser
✓ 2. Compressor
✗ 3. Receiver
✗ 4. Evaporator

Question ID : **54335319375**
Option 1 ID : **54335377757**
Option 2 ID : **54335377756**
Option 3 ID : **54335377758**
Option 4 ID : **54335377759**
Status : **Answered**
Chosen Option : **2**

Q.41 In distributor-less ignition systems, ignition can be adjusted manually by:

Ans
✗ 1. vacuum
✗ 2. adjusting screws
✓ 3. It cannot be adjusted manually.
✗ 4. centrifugal weights

Question ID : **54335319372**
Option 1 ID : **54335377745**
Option 2 ID : **54335377746**
Option 3 ID : **54335377747**
Option 4 ID : **54335377744**
Status : **Not Answered**
Chosen Option : **--**

Q.42 The sensor which measures the outside air entering the engine:

Ans
✗ 1. Oxygen sensor
✗ 2. Manifold Absolute pressure sensor (MAP)
✓ 3. Mass air flow sensor (MAF)
✗ 4. Throttle position sensor (TPS)

Question ID : **54335319325**
Option 1 ID : **54335377557**
Option 2 ID : **54335377559**

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Option 3 ID : **54335377558**
Option 4 ID : **54335377556**
Status : **Answered**
Chosen Option : **2**

Q.43 Taps are re - sharpened by grinding:

Ans
✗ 1. diameter
✓ 2. flutes
✗ 3. relief
✗ 4. threads

Question ID : **54335319381**
Option 1 ID : **54335377782**
Option 2 ID : **54335377780**
Option 3 ID : **54335377783**
Option 4 ID : **54335377781**
Status : **Answered**
Chosen Option : **3**

Q.44 Viscosity of a fluid offers resistance to:

Ans
✗ 1. light
✓ 2. flow
✗ 3. current
✗ 4. sound

Question ID : **54335319391**
Option 1 ID : **54335377821**
Option 2 ID : **54335377823**
Option 3 ID : **54335377820**
Option 4 ID : **54335377822**
Status : **Answered**
Chosen Option : **2**

Q.45 Which of the following is used to check the gap between contact breaker points?

Ans
✗ 1. Wire gauge
✓ 2. Feeler gauge
✗ 3. Micrometer gauge
✗ 4. Vernier gauge

Question ID : **54335319371**
Option 1 ID : **54335377741**
Option 2 ID : **54335377740**
Option 3 ID : **54335377742**
Option 4 ID : **54335377743**
Status : **Answered**
Chosen Option : **1**

Q.46 Supercharging in marine engines is done to:

Ans
✗ 1. increase the fuel pressure
✗ 2. decrease the engine power output
✓ 3. increase the engine power output

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✗ 4. decrease the fuel pressure

Question ID : **54335319352**
Option 1 ID : **54335377666**
Option 2 ID : **54335377665**
Option 3 ID : **54335377664**
Option 4 ID : **54335377667**
Status : **Answered**
Chosen Option : **3**

Q.47 A radiator core should be cleaned _____.

Ans
✓ 1. by reverse flushing
✗ 2. from the outside to the side of the fan
✗ 3. from top to bottom of the core
✗ 4. from top hose to bottom hose

Question ID : **54335319344**
Option 1 ID : **54335377633**
Option 2 ID : **54335377632**
Option 3 ID : **54335377634**
Option 4 ID : **54335377635**
Status : **Answered**
Chosen Option : **1**

Q.48 A die is:

Ans
✗ 1. an acme thread cutting tool
✗ 2. an internal thread cutting tool
✗ 3. a square thread cutting tool
✓ 4. an external thread cutting tool

Question ID : **54335319382**
Option 1 ID : **54335377787**
Option 2 ID : **54335377785**
Option 3 ID : **54335377786**
Option 4 ID : **54335377784**
Status : **Answered**
Chosen Option : **4**

Q.49 The taper shank drills should be mounted on the machine spindles by means of a _____.

Ans
✗ 1. tang of file
✗ 2. Hammer
✓ 3. Drift
✗ 4. Punch

Question ID : **54335319324**
Option 1 ID : **54335377553**
Option 2 ID : **54335377552**
Option 3 ID : **54335377555**
Option 4 ID : **54335377554**
Status : **Answered**
Chosen Option : **1**

Q.50 Which of the following type of steering gear box is most widely used in passenger cars?

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Ans
1. Worm and nut
2. Recirculating ball type
3. Worm and wheel
4. Rack and pinion

Question ID : **54335319361**
Option 1 ID : **54335377703**
Option 2 ID : **54335377701**
Option 3 ID : **54335377702**
Option 4 ID : **54335377700**
Status : **Answered**
Chosen Option : **4**

Q.51 Connecting rods are made of:

Ans
1. Aluminium
2. mild steel
3. alloy steel
4. cast iron

Question ID : **54335319339**
Option 1 ID : **54335377613**
Option 2 ID : **54335377612**
Option 3 ID : **54335377614**
Option 4 ID : **54335377615**
Status : **Answered**
Chosen Option : **4**

Q.52 Which of the following is a temporary joint?

Ans
1. Soldered joint
2. Press fit joint
3. Riveted joint
4. Welded joint

Question ID : **54335319331**
Option 1 ID : **54335377582**
Option 2 ID : **54335377583**
Option 3 ID : **54335377581**
Option 4 ID : **54335377580**
Status : **Answered**
Chosen Option : **1**

Q.53 Theoretically, ignition in an engine should occur at:

Ans
1. TDC at the end of the compression stroke
2. BDC at the start of the power stroke
3. TDC at the start of the compression stroke
4. BDC at the end of the induction

Question ID : **54335319365**
Option 1 ID : **54335377717**
Option 2 ID : **54335377718**
Option 3 ID : **54335377716**

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Option 4 ID : **54335377719**
Status : **Answered**
Chosen Option : **2**

Q.54 Maximum oil pressure in the lubrication system is controlled by the _____.

Ans
✗ 1. oil filter
✓ 2. pressure relief valve
✗ 3. pressure switch
✗ 4. pump rotor

Question ID : **54335319345**
Option 1 ID : **54335377636**
Option 2 ID : **54335377638**
Option 3 ID : **54335377639**
Option 4 ID : **54335377637**
Status : **Answered**
Chosen Option : **2**

Q.55 The fuel injection timing in a distributor type injection system is controlled by: (Choose the correct option)

Ans
✗ 1. changing the speed of the rotor
✓ 2. rotating the cam ring
✗ 3. changing the plunger stroke
✗ 4. changing the number of cams on the ring

Question ID : **54335319349**
Option 1 ID : **54335377653**
Option 2 ID : **54335377654**
Option 3 ID : **54335377652**
Option 4 ID : **54335377655**
Status : **Answered**
Chosen Option : **1**

Q.56 In an automatic transmission system, on gear shifting, lever R indicates:

Ans
✗ 1. Drive
✗ 2. Parking
✓ 3. Reverse
✗ 4. Forward

Question ID : **54335319363**
Option 1 ID : **54335377710**
Option 2 ID : **54335377711**
Option 3 ID : **54335377709**
Option 4 ID : **54335377708**
Status : **Answered**
Chosen Option : **3**

Q.57 Which of the following (gears) converts rotary motion into linear motion?

Ans
✓ 1. Rack and pinion
✗ 2. Worm gear
✗ 3. Herringbone gear

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✗ 4. Helical gear

Question ID : **54335319354**
Option 1 ID : **54335377674**
Option 2 ID : **54335377672**
Option 3 ID : **54335377673**
Option 4 ID : **54335377675**
Status : **Answered**
Chosen Option : **4**

Q.58 The centre part of a typical universal joint is called the _____.

Ans
✗ 1. Bearing
✓ 2. Spider
✗ 3. Trunnion
✗ 4. Joint

Question ID : **54335319355**
Option 1 ID : **54335377678**
Option 2 ID : **54335377679**
Option 3 ID : **54335377676**
Option 4 ID : **54335377677**
Status : **Not Answered**
Chosen Option : **--**

Q.59 What is the purpose of a fog light?

Ans
✗ 1. To indicate the vehicle is being parked.
✗ 2. To read the working of gauges
✓ 3. To produce yellow light rays during mist/fog
✗ 4. To produce interior illumination

Question ID : **54335319376**
Option 1 ID : **54335377760**
Option 2 ID : **54335377761**
Option 3 ID : **54335377762**
Option 4 ID : **54335377763**
Status : **Answered**
Chosen Option : **3**

Q.60 Rotary motion of the steering wheel is converted into a reciprocating motion by the _____.

Ans
✗ 1. stub axle
✓ 2. steering gear box
✗ 3. track arm
✗ 4. track rod

Question ID : **54335319360**
Option 1 ID : **54335377698**
Option 2 ID : **54335377699**
Option 3 ID : **54335377697**
Option 4 ID : **54335377696**
Status : **Answered**
Chosen Option : **2**

Q.61 In the differential, the crown wheel is attached to the _____.

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Ans
✔ 1. differential cage
✘ 2. bevel gear
✘ 3. propeller shaft
✘ 4. bevel pinion

Question ID : **54335319356**
Option 1 ID : **54335377682**
Option 2 ID : **54335377680**
Option 3 ID : **54335377683**
Option 4 ID : **54335377681**
Status : **Answered**
Chosen Option : **1**

Q.62 A 12 - V lead acid battery consists of:

Ans
✔ 1. six cells in series
✘ 2. three cells in parallel
✘ 3. three cells in series
✘ 4. six cells in parallel

Question ID : **54335319385**
Option 1 ID : **54335377797**
Option 2 ID : **54335377798**
Option 3 ID : **54335377796**
Option 4 ID : **54335377799**
Status : **Answered**
Chosen Option : **4**

Q.63 The track rod is connected to the track arm by a _____.

Ans
✔ 1. ball joint
✘ 2. universal joint
✘ 3. stub axle
✘ 4. king pin

Question ID : **54335319362**
Option 1 ID : **54335377704**
Option 2 ID : **54335377707**
Option 3 ID : **54335377706**
Option 4 ID : **54335377705**
Status : **Answered**
Chosen Option : **3**

Q.64 Which of the following is required between the ring gear and the pinion gear to allow for heat expansion and lubrication?

Ans
✔ 1. Backlash
✘ 2. Shims
✘ 3. Pits
✘ 4. Hole

Question ID : **54335319358**
Option 1 ID : **54335377689**
Option 2 ID : **54335377690**
Option 3 ID : **54335377688**

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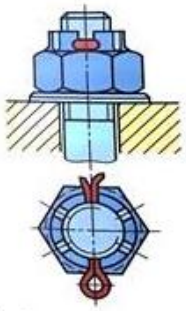
Option 4 ID : **54335377691**
Status : **Answered**
Chosen Option : **2**

Q.65 The cylinder head is a single casting bolted on the top of the _____.

Ans
✗ 1. Camshaft
✓ 2. cylinder block
✗ 3. crankshaft
✗ 4. oil sump

Question ID : **54335319337**
Option 1 ID : **54335377604**
Option 2 ID : **54335377605**
Option 3 ID : **54335377606**
Option 4 ID : **54335377607**
Status : **Answered**
Chosen Option : **2**

Q.66 Identify the locking arrangement in the following figure.



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

Question ID : **54335319380**
Option 1 ID : **54335377779**
Option 2 ID : **54335377777**
Option 3 ID : **54335377776**
Option 4 ID : **54335377778**
Status : **Answered**
Chosen Option : **3**

Q.67 A turbocharger is mounted on the _____.

Ans
✗ 1. inlet manifold
✗ 2. front of the engine block
✓ 3. exhaust manifold
✗ 4. flywheel side

Question ID : **54335319346**
Option 1 ID : **54335377640**
Option 2 ID : **54335377641**
Option 3 ID : **54335377643**
Option 4 ID : **54335377642**

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Status : **Answered**
Chosen Option : **2**

Q.68 A bent snip is used for:

Ans
1. ✗ making holes on a sheet
2. ✓ cutting a sheet along a curved line
3. ✗ removing the burr
4. ✗ bending a sheet

Question ID : **54335319383**
Option 1 ID : **54335377789**
Option 2 ID : **54335377791**
Option 3 ID : **54335377788**
Option 4 ID : **54335377790**
Status : **Answered**
Chosen Option : **4**

Q.69 Which of the following is used to measure the ovality of a cylinder bore?

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

Question ID : **54335319322**
Option 1 ID : **54335377547**
Option 2 ID : **54335377546**
Option 3 ID : **54335377545**
Option 4 ID : **54335377544**
Status : **Answered**
Chosen Option : **2**

Q.70 Spark plug of automobile consist of two electrodes one is ground electrode and the other is:

Ans
1. ✓ Zero electrode
2. ✗ Central electrode
3. ✗ Dielectric electrode
4. ✗ Right electrode

Question ID : **54335319388**
Option 1 ID : **54335377808**
Option 2 ID : **54335377809**
Option 3 ID : **54335377810**
Option 4 ID : **54335377811**
Status : **Answered**
Chosen Option : **3**

Q.71 The two commonly used semiconductor materials are:

Ans
1. ✗ gallium and indium
2. ✗ aluminium and antimony
3. ✓ germanium and silicon
4. ✗ arsenic and boron

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Question ID : **54335319330**
Option 1 ID : **54335377576**
Option 2 ID : **54335377577**
Option 3 ID : **54335377578**
Option 4 ID : **54335377579**
Status : **Not Answered**
Chosen Option : **--**

Q.72 Which of the following conductors is used in bulbs?

Ans
✗ 1. Carbon
✓ 2. Tungsten
✗ 3. Copper
✗ 4. Nichrome

Question ID : **54335319384**
Option 1 ID : **54335377793**
Option 2 ID : **54335377792**
Option 3 ID : **54335377794**
Option 4 ID : **54335377795**
Status : **Answered**
Chosen Option : **2**

Q.73 Distributor - type FIP is also called:

Ans
✗ 1. in - line pump
✓ 2. rotary pump
✗ 3. servo pump
✗ 4. low - pressure pump

Question ID : **54335319350**
Option 1 ID : **54335377656**
Option 2 ID : **54335377657**
Option 3 ID : **54335377659**
Option 4 ID : **54335377658**
Status : **Answered**
Chosen Option : **2**

Q.74 Ammeter is connected to circuits in:

Ans
✗ 1. Open
✗ 2. Parallel
✗ 3. series or parallel
✓ 4. Series

Question ID : **54335319328**
Option 1 ID : **54335377571**
Option 2 ID : **54335377569**
Option 3 ID : **54335377570**
Option 4 ID : **54335377568**
Status : **Answered**
Chosen Option : **1**

Q.75 In a Distributor less ignition system the distributor is replaced by:

Ans
✓ 1. Insulated coils

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2. Ignition switch
3. Brushes
4. Rotor

Question ID : **54335319387**
Option 1 ID : **54335377805**
Option 2 ID : **54335377807**
Option 3 ID : **54335377804**
Option 4 ID : **54335377806**
Status : **Answered**
Chosen Option : **1**

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