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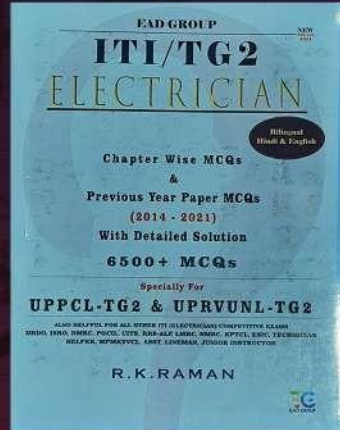
Objective Book for

Electrical-JE

Electronics-JE

ITI-Electrician

JE Short Notes



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Raman sir
Electrical Engg. Expert



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RAILWAY RECRUITMENT BOARDS

रेलवे भर्ती बोर्ड

Roll No:	
Participants Name:	
Test Center Name:	ION DIGITAL ZONE IDZ Dhanbad
Test Date:	22/01/2019
Test Time:	12:30 PM - 3:00 PM
Subject:	Part A and Exam Trade : Electrician

- 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 Identify the one that is not a Class 1 lever.

- Ans
- 1. Pliers
 - 2. Scissors
 - 3. See-saw
 - 4. Nut cracker

Question ID : 9623407561
Option 1 ID : 96234030241
Option 2 ID : 96234030242
Option 3 ID : 96234030244
Option 4 ID : 96234030243
Status : Answered
Chosen Option : 3

Q.2 Find the odd word from the given alternatives.

- Ans
- 1. Compact disc
 - 2. Ball
 - 3. Chessboard
 - 4. Drum

Question ID : 9623407619
Option 1 ID : 96234030476
Option 2 ID : 96234030474
Option 3 ID : 96234030475
Option 4 ID : 96234030473
Status : Answered
Chosen Option : 3

Q.3 Select the word that is related to the third word in the same way as the second word is related to the first word.

Liquid : Oil :: Gas : ?

- Ans**
- 1. Phase
 - 2. Solid
 - 3. Air
 - 4. Fuel

Question ID : 9623407601
Option 1 ID : 96234030401
Option 2 ID : 96234030402
Option 3 ID : 96234030404
Option 4 ID : 96234030403
Status : Answered
Chosen Option : 3

Q.4 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 it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follow(s) from the given statements.

Statement 1 : All wax are crayons.
Statement 2 : Some wax are pastels.

Conclusion I : Some pastels are crayons.
Conclusion II : All crayons are pastels.
Conclusion III : No crayons are pastels.

- Ans**
- 1. Only conclusion II follows
 - 2. Only conclusion I follows
 - 3. Only conclusion III follows
 - 4. None of the conclusions follows

Question ID : 9623407612
Option 1 ID : 96234030446
Option 2 ID : 96234030445
Option 3 ID : 96234030447
Option 4 ID : 96234030448
Status : Marked For Review
Chosen Option : 2

Q.5 A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

UTS, QPO, MLK, IHG, ?

- Ans**
- 1. EDC
 - 2. GFE
 - 3. FED
 - 4. DCB

Question ID : 9623407603
Option 1 ID : 96234030411
Option 2 ID : 96234030412
Option 3 ID : 96234030409

Option 4 ID : 96234030410
Status : Answered
Chosen Option : 1

Q.6 When did the Constituent Assembly of India meet for the first time?

- Ans
- 1. 26th December 1946
 - 2. 9th December 1946
 - 3. 26th November 1956
 - 4. 19th December 1946

Question ID : 9623407534
Option 1 ID : 96234030136
Option 2 ID : 96234030133
Option 3 ID : 96234030134
Option 4 ID : 96234030135
Status : Marked For Review
Chosen Option : 3

Q.7 Name the writer of the Book "One life is not Enough"

- Ans
- 1. Mani Shankar Aiyar
 - 2. Shashi Tharoor
 - 3. Natwar Singh
 - 4. Karan Singh

Question ID : 9623407533
Option 1 ID : 96234030132
Option 2 ID : 96234030129
Option 3 ID : 96234030130
Option 4 ID : 96234030131
Status : Not Answered
Chosen Option : --

Q.8 The relative density of gold is 19.3. Its density in SI unit is:

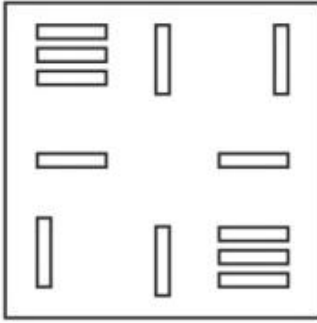
- Ans
- 1. $19.3 \times 10^3 \text{ kg/m}^3$
 - 2. $1.93 \times 10^2 \text{ kg/m}^3$
 - 3. $19.3 \times 10^2 \text{ kg/m}^3$
 - 4. 19.3 kg/m^3

Question ID : 9623407545
Option 1 ID : 96234030179
Option 2 ID : 96234030180
Option 3 ID : 96234030178
Option 4 ID : 96234030177
Status : Marked For Review
Chosen Option : 1

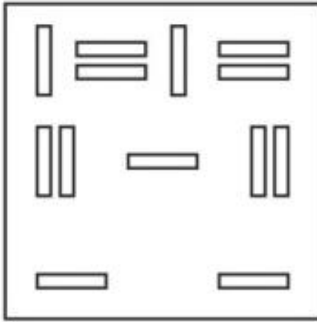
Q.9 Choose the figure that is different from the rest.

Ans

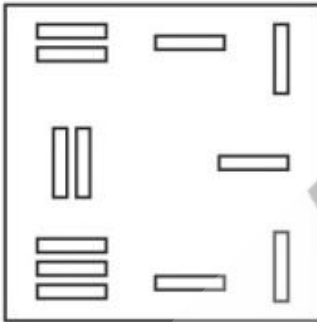
✗ 1.



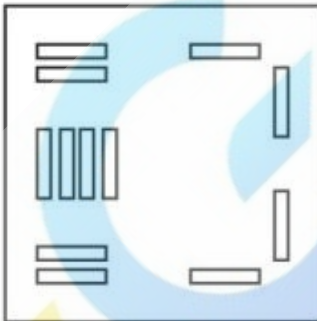
✓ 2.



✗ 3.



✗ 4.



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Question ID : 9623407622

Option 1 ID : 96234030486

Option 2 ID : 96234030487

Option 3 ID : 96234030485

Option 4 ID : 96234030488

Status : Answered

Chosen Option : 2

Q.1 A cubical block of side 10 cm and with a mass of

0

600 g floats in water. How much of the cube is submerged?

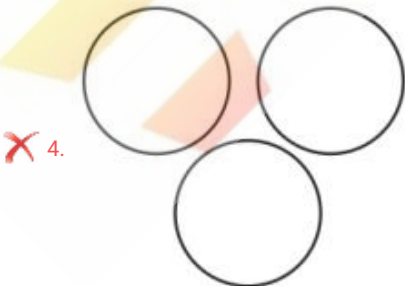
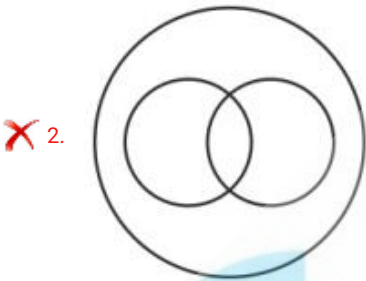
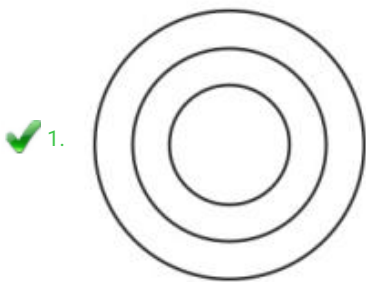
Ans ✓ 1. 60%

- 2. 40%
- 3. 50%
- 4. 30%

Question ID : 9623407543
Option 1 ID : 96234030172
Option 2 ID : 96234030170
Option 3 ID : 96234030171
Option 4 ID : 96234030169
Status : Answered
Chosen Option : 1

Q.1 Which of the following venn diagrams best represents the relationship between apples, fruits and eatables?
1

Ans



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Question ID : 9623407614
Option 1 ID : 96234030454
Option 2 ID : 96234030456
Option 3 ID : 96234030455

Option 4 ID : 96234030453
Status : Answered
Chosen Option : 1

Q.1 ΔABC is similar to ΔRST . If the ratio of altitudes of $\Delta ABC : \Delta RST$ is 1 : 4 and if $RS = 6$ cm, then find the length of AB .

2

- Ans
- 1. 3 cm
 - 2. 2 cm
 - 3. 1.5 cm
 - 4. 4 cm

Question ID : 9623407590
Option 1 ID : 96234030359
Option 2 ID : 96234030357
Option 3 ID : 96234030358
Option 4 ID : 96234030360
Status : Answered
Chosen Option : 3

Q.1 A pipe normally takes 4 min to fill a bucket. Due to a hole in the bucket, it takes 6 min. In how much time will the hole empty the full bucket?

3

- Ans
- 1. 8 min
 - 2. 10 min
 - 3. 12 min
 - 4. 15 min

Question ID : 9623407593
Option 1 ID : 96234030369
Option 2 ID : 96234030371
Option 3 ID : 96234030370
Option 4 ID : 96234030372
Status : Marked For Review
Chosen Option : 3

Q.1 Work done will be maximum when the angle between the direction of force and the direction of displacement is

4

- Ans
- 1. 45°
 - 2. 0°
 - 3. 90°
 - 4. 60°

Question ID : 9623407539
Option 1 ID : 96234030154
Option 2 ID : 96234030155
Option 3 ID : 96234030153
Option 4 ID : 96234030156
Status : Answered
Chosen Option : 2

Q.1 Copper expands about _____ times more than glass for the same rise in the temperature.

5

- Ans
- 1. four

2. three

3. five

4. six

Question ID : 9623407553

Option 1 ID : 96234030209

Option 2 ID : 96234030210

Option 3 ID : 96234030211

Option 4 ID : 96234030212

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.1 U, V, W and X are sitting around a round table. V is sitting next to X. W is facing V. U is to the right of W. Which statement is false?

Ans 1. X is to the left of V

2. V is between U and X

3. X is between W and V

4. V is to the right of U

Question ID : 9623407621

Option 1 ID : 96234030484

Option 2 ID : 96234030483

Option 3 ID : 96234030482

Option 4 ID : 96234030481

Status : Answered

Chosen Option : 1

Q.1 If $138.21 + 146.24 + 213.82 - 1523.28 = x - 1267.27$ then $x =$

Ans 1. 248.36

2. 242.26

3. 252.36

4. 239.26

Question ID : 9623407578

Option 1 ID : 96234030311

Option 2 ID : 96234030310

Option 3 ID : 96234030312

Option 4 ID : 96234030309

Status : Answered

Chosen Option : 2

Q.1 B and C can do a certain work in 35 days, while A, B & C can do the same work in 17.5 days. In how many days can A do the same work alone?

Ans 1. 35 days

2. 36.33 days

3. 33.67 days

4. 32.5 days

Question ID : 9623407599

Option 1 ID : 96234030395

Option 2 ID : 96234030396

Option 3 ID : 96234030394

Option 4 ID : 96234030393

Status : Answered

Chosen Option : 1

Q.1 Read the question below followed by two statements. Based on the information, select the option that applies.

9

Question: How many points did A earn in the game?

Statements:

I) A won 6 times and lost 12 times.

II) Every game lost is a loss of 5 points.

Ans 1.

Neither Statement I nor II is sufficient to answer the question

2. Either Statement I or II is sufficient to answer the question

3.

Statement II alone is sufficient while I alone is not sufficient to answer the question

4.

Statement I alone is sufficient while II alone is not sufficient to answer the question

Question ID : 9623407615

Option 1 ID : 96234030460

Option 2 ID : 96234030459

Option 3 ID : 96234030458

Option 4 ID : 96234030457

Status : Answered

Chosen Option : 1

Q.2 Given below is a statement followed by two conclusions numbered I and II. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follow(s) beyond a reasonable doubt from the information given in the statement.

0

Statement: A doctor doubled his fees.

Conclusion I: His revenue doubled, so the number of patients have remained the same.

Conclusion II: His revenue decreased, so the number of patients has fallen by more than half.

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

Question ID : 9623407616

Option 1 ID : 96234030464

Option 2 ID : 96234030461

Option 3 ID : 96234030463

Option 4 ID : 96234030462

Status : Answered

Chosen Option : 4

Q.2 If E % F means E is the brother of F, E & F means E is the sister of F and E \$ F means E is the daughter of B, then what does P % Q & R \$ S mean?

1

Ans 1. S is the son of P

- 2. P is the daughter of S
- 3. S is the daughter of P
- 4. P is the son of S

Question ID : 9623407609
Option 1 ID : 96234030434
Option 2 ID : 96234030433
Option 3 ID : 96234030435
Option 4 ID : 96234030436
Status : Answered
Chosen Option : 4

Q.2
2 Which statement with regard to Class 2 lever is true?

- Ans
- 1. The mechanical advantage is always less than 1
 - 2. The effort is between the load and the fulcrum
 - 3. The load is in between the effort and the fulcrum
 - 4. The fulcrum is near the effort

Question ID : 9623407559
Option 1 ID : 96234030236
Option 2 ID : 96234030233
Option 3 ID : 96234030235
Option 4 ID : 96234030234
Status : Answered
Chosen Option : 3

Q.2
3 Alexander Fleming is best known for the discovery of:

- Ans
- 1. X rays
 - 2. Penicillin
 - 3. Proton
 - 4. Bacteria

Question ID : 9623407530
Option 1 ID : 96234030120
Option 2 ID : 96234030117
Option 3 ID : 96234030119
Option 4 ID : 96234030118
Status : Answered
Chosen Option : 2

Q.2
4 The abbreviation SR marked on an engineering drawing stands for:

- Ans
- 1. Screw Runner
 - 2. Surface Relief
 - 3. Sectional Recess
 - 4. Spherical Radius

Question ID : 9623407550

Option 1 ID : 96234030198

Option 2 ID : 96234030200

Option 3 ID : 96234030199

Option 4 ID : 96234030197

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.2
5 What is the area of the rectangle whose diagonal is 17 cm and breadth is 8 cm?

- Ans
- 1. 120 cm^2
 - 2. 125 cm^2
 - 3. 128 cm^2
 - 4. 136 cm^2

Question ID : 9623407583

Option 1 ID : 96234030332

Option 2 ID : 96234030331

Option 3 ID : 96234030330

Option 4 ID : 96234030329

Status : **Marked For Review**

Chosen Option : 1

Q.2
6 Three resistors, 9Ω , 9Ω and $X \Omega$, are connected in parallel. Total resistance of this parallel combination is 3Ω . Find the unknown resistance $X \Omega$.

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

Question ID : 9623407575

Option 1 ID : 96234030300

Option 2 ID : 96234030298

Option 3 ID : 96234030297

Option 4 ID : 96234030299

Status : **Answered**

Chosen Option : 4

Q.2
7 X had 60 coins, out of which $\frac{1}{2}$ were Indian coins and $\frac{1}{6}$ were US coins. How many other coins did he have?

- Ans
- 1. 18
 - 2. 24
 - 3. 21
 - 4. 20

Question ID : 9623407581

Option 1 ID : 96234030321

Option 2 ID : 96234030324

Option 3 ID : 96234030323

Option 4 ID : 96234030322

Status : **Answered**

Chosen Option : 4

Q.2 Two workers K and L start walking from the same point. K walks 5 km North, then turns right and walks 2 km.
8 Meanwhile, L walks 3 km West, then turns South and walks 4 km. Finally L turns left and walks 5 km. Where is K with respect to L?

- Ans
- 1. K is 9 km South of L
 - 2. K is 9 km North of L
 - 3. K is 1 km South of L
 - 4. K is 1 km North of L

Question ID : 9623407625
Option 1 ID : 96234030497
Option 2 ID : 96234030499
Option 3 ID : 96234030500
Option 4 ID : 96234030498
Status : Answered
Chosen Option : 2

Q.2 How much will a sum of ₹ 2500, invested at a compound interest, amount to in 1 year at 4% interest rate, interest
9 compounded half-yearly?

- Ans
- 1. ₹ 2601
 - 2. ₹ 2600
 - 3. ₹ 2610
 - 4. ₹ 2656

Question ID : 9623407587
Option 1 ID : 96234030347
Option 2 ID : 96234030346
Option 3 ID : 96234030348
Option 4 ID : 96234030345
Status : Answered
Chosen Option : 1

Q.3 Select the number that is related to the third number in the same way as the second number is related to the first number.
0

-13/11 : 11/13 :: 7/5 : ?

- Ans
- 1. -13/7
 - 2. -5/7
 - 3. 11/7
 - 4. 5/7

Question ID : 9623407602
Option 1 ID : 96234030408
Option 2 ID : 96234030407
Option 3 ID : 96234030406
Option 4 ID : 96234030405
Status : Answered
Chosen Option : 2

Q.3 The rate of change of velocity of an object is constant. Its average velocity is:
1

- Ans
- 1. half of the sum of the initial and final velocity
 - 2. the sum of the initial and final velocity

3. the product of the initial and final velocity
4. half of the difference of the final and initial velocity

Question ID : 9623407569
Option 1 ID : 96234030274
Option 2 ID : 96234030273
Option 3 ID : 96234030275
Option 4 ID : 96234030276
Status : Marked For Review
Chosen Option : 4

Q.3 What is the approximate percentage of India's population as a proportion of the world population as of 2018?

2

- Ans 1. 8%
2. 10%
3. 18%
4. 12%

Question ID : 9623407526
Option 1 ID : 96234030103
Option 2 ID : 96234030102
Option 3 ID : 96234030101
Option 4 ID : 96234030104
Status : Answered
Chosen Option : 1

Q.3 A wire carries a steady current of 0.2 A for a period of 10 s. The total charge that passes through the wire in this time interval is:

3

- Ans 1. 2.0 C
2. 20 C
3. 0.02 C
4. 50 C

Question ID : 9623407571
Option 1 ID : 96234030282
Option 2 ID : 96234030283
Option 3 ID : 96234030284
Option 4 ID : 96234030281
Status : Answered
Chosen Option : 1

Q.3 Water has the maximum density at _____ °C.

4

- Ans 1. 4
2. 22
3. 2
4. 0

Question ID : 9623407555
Option 1 ID : 96234030218
Option 2 ID : 96234030220
Option 3 ID : 96234030217

Option 4 ID : 96234030219
Status : Answered
Chosen Option : 1

Q.3
5 $95^{\circ}\text{F} = \text{_____}^{\circ}\text{C}$

- Ans
- 1. 45
 - 2. 25
 - 3. 15
 - 4. 35

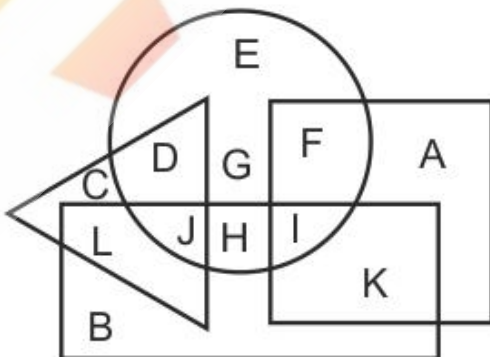
Question ID : 9623407552
Option 1 ID : 96234030208
Option 2 ID : 96234030206
Option 3 ID : 96234030205
Option 4 ID : 96234030207
Status : Answered
Chosen Option : 4

Q.3
6 What is the side of a cube if its lateral surface area is 324 sq cm?

- Ans
- 1. 9 cm
 - 2. 11 cm
 - 3. 10 cm
 - 4. 8 cm

Question ID : 9623407584
Option 1 ID : 96234030334
Option 2 ID : 96234030336
Option 3 ID : 96234030335
Option 4 ID : 96234030333
Status : Answered
Chosen Option : 1

Q.3
7 In the following figure, square represents Nurses, triangle represents cyclists, circle represents bachelors and rectangle represents Americans. Which set of letters represents Americans who are bachelors?



- Ans 1. IK

- 2. JHI
- 3. DGF
- 4. LJ

Question ID : 9623407613
Option 1 ID : 96234030449
Option 2 ID : 96234030451
Option 3 ID : 96234030452
Option 4 ID : 96234030450
Status : Answered
Chosen Option : 2

Q.3 The electric current flowing through a metallic wire is directly proportional to the potential difference V across its ends,
8 provided its _____ remains the same.

- Ans
- 1. temperature
 - 2. charge
 - 3. voltage
 - 4. energy

Question ID : 9623407573
Option 1 ID : 96234030290
Option 2 ID : 96234030289
Option 3 ID : 96234030291
Option 4 ID : 96234030292
Status : Answered
Chosen Option : 1

Q.3 Point A divides a line segment BC in the ratio 2 : 1. Co-ordinates of B are (3, -4) and C are (0, 5). What are the co-ordinates of point A?
9

- Ans
- 1. (-2, 1)
 - 2. (-1, 2)
 - 3. (2, 1)
 - 4. (1, 2)

Question ID : 9623407589
Option 1 ID : 96234030356
Option 2 ID : 96234030354
Option 3 ID : 96234030355
Option 4 ID : 96234030353
Status : Answered
Chosen Option : 3

Q.4 The actual weight of a person is determined by his:
0

- Ans
- 1. Mass
 - 2. Mass and width
 - 3. Mass and the acceleration due to gravity
 - 4. Mass and height

Question ID : 9623407541
Option 1 ID : 96234030162
Option 2 ID : 96234030161
Option 3 ID : 96234030164
Option 4 ID : 96234030163
Status : **Marked For Review**
Chosen Option : 3

Q.4
1 In a Class 3 lever, the effort and load move:

- Ans
- 1. In the opposite direction
 - 2. In the same direction
 - 3. In the perpendicular direction
 - 4. Depending on the load

Question ID : 9623407562
Option 1 ID : 96234030246
Option 2 ID : 96234030245
Option 3 ID : 96234030248
Option 4 ID : 96234030247
Status : **Answered**
Chosen Option : 1

Q.4
2 According to National AIDS Control Organisation, almost 50% of new HIV infections are taking place in the age group of:

- Ans
- 1. 15 - 24 years
 - 2. 32 - 40 years
 - 3. 24 - 32 years
 - 4. 40 - 60 years

Question ID : 9623407556
Option 1 ID : 96234030224
Option 2 ID : 96234030221
Option 3 ID : 96234030222
Option 4 ID : 96234030223
Status : **Marked For Review**
Chosen Option : 3

Q.4
3 The sum of the present ages of a father and his son is 60 years. 5 years from now, the ratio of their ages will be 5 : 2. What is the current age of the son?

- Ans
- 1. 20 years
 - 2. 25 years
 - 3. 10 years
 - 4. 15 years

Question ID : 9623407600
Option 1 ID : 96234030399
Option 2 ID : 96234030400
Option 3 ID : 96234030397
Option 4 ID : 96234030398
Status : **Answered**

Chosen Option : 1

Q.4 An object starts moving from rest, with constant acceleration. Its velocity is:

- 4
- Ans
- 1. inversely proportional to time square
 - 2. directly proportional to time
 - 3. inversely proportional to time
 - 4. directly proportional to time square

Question ID : 9623407570
Option 1 ID : 96234030280
Option 2 ID : 96234030277
Option 3 ID : 96234030278
Option 4 ID : 96234030279
Status : Answered
Chosen Option : 2

Q.4 A _____ is a curve generated by a point fixed to a circle, within or outside its circumference, as the circle rolls along a straight line.

- 5
- Ans
- 1. Hurwitz
 - 2. Fermat
 - 3. Hyperelliptic
 - 4. Trochoid

Question ID : 9623407546
Option 1 ID : 96234030181
Option 2 ID : 96234030183
Option 3 ID : 96234030182
Option 4 ID : 96234030184
Status : Answered
Chosen Option : 4

Q.4 The boiling and freezing points of water are exactly _____ degrees apart on the Fahrenheit scale.

- 6
- Ans
- 1. 50
 - 2. 273
 - 3. 180
 - 4. 100

Question ID : 9623407536
Option 1 ID : 96234030141
Option 2 ID : 96234030144
Option 3 ID : 96234030143
Option 4 ID : 96234030142
Status : Answered
Chosen Option : 3

Q.4 If the total energy of the reactants is more than the products of the reaction, heat is released and the reaction is said to be a/an _____ reaction.

- 7
- Ans
- 1. endothermic

- 2. potential
- 3. work
- 4. exothermic

Question ID : 9623407540
Option 1 ID : 96234030158
Option 2 ID : 96234030160
Option 3 ID : 96234030159
Option 4 ID : 96234030157
Status : Answered
Chosen Option : 4

Q.4
8 The duplicate ratio of 4 : 5 is:

- Ans
- 1. 4 : 5
 - 2. 5 : 4
 - 3. 16 : 25
 - 4. 64 : 125

Question ID : 9623407595
Option 1 ID : 96234030378
Option 2 ID : 96234030377
Option 3 ID : 96234030379
Option 4 ID : 96234030380
Status : Answered
Chosen Option : 3

Q.4
9 The compound interest on a certain sum of money for 2 years at 10% per annum is ₹ 420. What would be the simple interest on the same sum for the same period and the same rate?

- Ans
- 1. ₹ 350
 - 2. ₹ 380
 - 3. ₹ 400
 - 4. ₹ 375

Question ID : 9623407586
Option 1 ID : 96234030341
Option 2 ID : 96234030344
Option 3 ID : 96234030343
Option 4 ID : 96234030342
Status : Answered
Chosen Option : 3

Q.5
0 Al-Haram Mosque is the largest mosque in the world. It is situated in:

- Ans
- 1. Batna
 - 2. Medina
 - 3. Jerusalem
 - 4. Mecca

Question ID : 9623407531
Option 1 ID : 96234030124
Option 2 ID : 96234030121

Option 3 ID : 96234030122
Option 4 ID : 96234030123
Status : **Marked For Review**
Chosen Option : 3

Q.5 In a certain code language, '+' represents 'x', '-' represents '+', 'x' represents '-' and '-' represents '+'. Find out the answer to the following expression in that code language.

$$8 - 4 \times 2 + 6 = ?$$

- Ans
- 1. 10
 - 2. 12
 - 3. 20
 - 4. 18

Question ID : 9623407607
Option 1 ID : 96234030426
Option 2 ID : 96234030425
Option 3 ID : 96234030427
Option 4 ID : 96234030428
Status : **Answered**
Chosen Option : 3

Q.5 Which statement with regard to Class 3 lever is true?

- Ans
- 1. The fulcrum is between the load and the effort
 - 2. The effort is between the load and the fulcrum
 - 3. The fulcrum is near the effort
 - 4. The load is in between the effort and the fulcrum

Question ID : 9623407560
Option 1 ID : 96234030240
Option 2 ID : 96234030237
Option 3 ID : 96234030238
Option 4 ID : 96234030239
Status : **Answered**
Chosen Option : 2

Q.5 Two resistors, one of 12Ω and the other of 24Ω , are connected in parallel. This combination is connected in series with a 22Ω resistor and a 12 V battery. The current in 24Ω resistor is:

- Ans
- 1. $(4/15) \text{ A}$
 - 2. $(2/15) \text{ A}$
 - 3. $(6/15) \text{ A}$
 - 4. $(8/15) \text{ A}$

Question ID : 9623407566
Option 1 ID : 96234030262
Option 2 ID : 96234030261
Option 3 ID : 96234030263
Option 4 ID : 96234030264
Status : **Answered**
Chosen Option : 1

Q.5 A statement is given followed by some conclusions as part of the options. Select the conclusion that logically follows the statement.

Statement: Polio vaccines given to children below 5 years of age reduce instances of polio in the vaccinated children.

Ans 1. All children who are vaccinated will never get polio.

2.

If the cost of the vaccination is more than the cost of treatment, then the vaccination should be suspended.

3. Some children get polio despite getting polio vaccines.

4. Some children may get polio via vaccinations.

Question ID : 9623407617

Option 1 ID : 96234030468

Option 2 ID : 96234030466

Option 3 ID : 96234030465

Option 4 ID : 96234030467

Status : Answered

Chosen Option : 3

Q.5 An object starts from rest at $x=0$ m and $t=0$ s. It moves with constant acceleration of 3 m/s^2 along x axis. What is its average velocity between time 4 s and 8 s?

Ans 1. 6 m/s

2. 18 m/s

3. 3 m/s

4. 12 m/s

Question ID : 9623407563

Option 1 ID : 96234030250

Option 2 ID : 96234030252

Option 3 ID : 96234030249

Option 4 ID : 96234030251

Status : Answered

Chosen Option : 4

Q.5 Which two mathematical symbols need to be interchanged to correct the below equation?

$$9 + 3 \times 2 - 8 + 4 = 8$$

Ans 1. \div and $+$

2. \div and \times

3. \times and $-$

4. $+$ and \times

Question ID : 9623407608

Option 1 ID : 96234030430

Option 2 ID : 96234030429

Option 3 ID : 96234030432

Option 4 ID : 96234030431

Status : Answered

Chosen Option : 3

Q.5 How much work is done in moving a charge of 10 C across two points having a potential difference 20 V?

7

- Ans
- 1. 10 J
 - 2. 2 J
 - 3. 200 J
 - 4. 0.5 J

Question ID : 9623407572
Option 1 ID : 96234030288
Option 2 ID : 96234030286
Option 3 ID : 96234030285
Option 4 ID : 96234030287
Status : **Marked For Review**
Chosen Option : 2

Q.5
8 Which mountain has the highest elevation in the African continent?

- Ans
- 1. Mt. Kosciusko
 - 2. Mt. Elbrus
 - 3. Mt. Everest
 - 4. Mt. Kilimanjaro

Question ID : 9623407529
Option 1 ID : 96234030115
Option 2 ID : 96234030116
Option 3 ID : 96234030113
Option 4 ID : 96234030114
Status : **Answered**
Chosen Option : 4

Q.5
9 What is the value of $\sqrt{735}/\sqrt{375}$?

- Ans
- 1. 13/5
 - 2. 5/7
 - 3. 7/5
 - 4. 5/13

Question ID : 9623407598
Option 1 ID : 96234030391
Option 2 ID : 96234030389
Option 3 ID : 96234030390
Option 4 ID : 96234030392
Status : **Answered**
Chosen Option : 3

Q.6
0 The geometric mean of 9 and 81 is:

- Ans
- 1. 21
 - 2. 24
 - 3. 27
 - 4. 30

Question ID : 9623407597

Option 1 ID : 96234030385

Option 2 ID : 96234030386

Option 3 ID : 96234030387

Option 4 ID : 96234030388

Status : Answered

Chosen Option : 3

Q.6 An article, whose marked price is ₹ 100, was bought at a discount of 10%. At what price should it be sold to have a profit of 25%?

- Ans
- 1. ₹ 105
 - 2. ₹ 110
 - 3. ₹ 107.5
 - 4. ₹ 112.50

Question ID : 9623407580

Option 1 ID : 96234030317

Option 2 ID : 96234030319

Option 3 ID : 96234030318

Option 4 ID : 96234030320

Status : Answered

Chosen Option : 4

Q.6 An obtuse angle is:

- Ans
- 1. Equal to 45°
 - 2. Less than 90°
 - 3. Greater than 90°
 - 4. Equal to 90°

Question ID : 9623407548

Option 1 ID : 96234030192

Option 2 ID : 96234030189

Option 3 ID : 96234030191

Option 4 ID : 96234030190

Status : Answered

Chosen Option : 3

Q.6 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 it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follow(s) from the given statements.

Statement 1 : No ties are bows.

Statement 2 : All bows are silk.

Conclusion I : Some ties are silk.

Conclusion II : Some silk are bows.

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

Question ID : 9623407611

Option 1 ID : 96234030441
Option 2 ID : 96234030444
Option 3 ID : 96234030443
Option 4 ID : 96234030442
Status : Answered
Chosen Option : 4

Q.6
4 Where is the headquarters of the World Wide Fund for Nature?

- Ans
- 1. Germany
 - 2. Switzerland
 - 3. France
 - 4. Austria

Question ID : 9623407535
Option 1 ID : 96234030139
Option 2 ID : 96234030137
Option 3 ID : 96234030138
Option 4 ID : 96234030140
Status : Answered
Chosen Option : 2

Q.6
5 Consider a planet whose mass and radius both are one half to that of Earth. An object of weight W on Earth will weigh _____ on that planet.

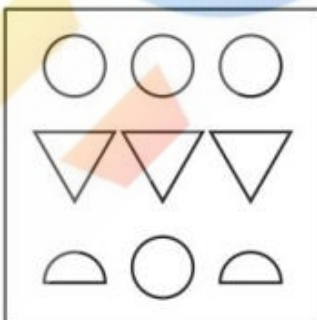
- Ans
- 1. $W/4$
 - 2. W
 - 3. $W/2$
 - 4. $2W$

Question ID : 9623407544
Option 1 ID : 96234030173
Option 2 ID : 96234030175
Option 3 ID : 96234030174
Option 4 ID : 96234030176
Status : Answered
Chosen Option : 1

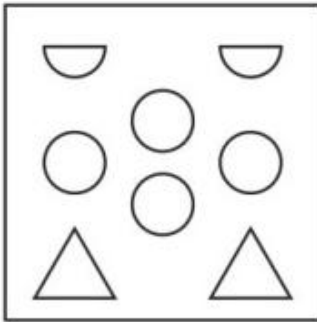
Q.6
6 Choose the figure that is different from the rest.

Ans

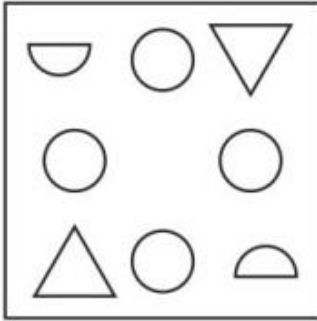
1.



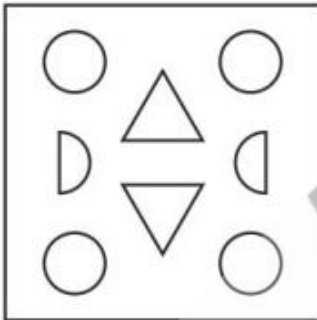
X 2.



X 3.



X 4.



Question ID : 9623407623

Option 1 ID : 96234030491

Option 2 ID : 96234030492

Option 3 ID : 96234030490

Option 4 ID : 96234030489

Status : Answered

Chosen Option : 3

Q.6
7 A girl of weight 440 N climbs up a rope through

a height of 7 m in 20 s. The power expended by the girl is:

Ans X 1. 154 W

✓ 2. 15.4 W

X 3. 72 W

X 4. 36 W

Question ID : 9623407537

Option 1 ID : 96234030148

Option 2 ID : 96234030145

Option 3 ID : 96234030147

Option 4 ID : 96234030146

Status : Answered

Chosen Option : 1

Q.6
8 ΔABC is right angled at A. If $\angle C = 30^\circ$, then $\sec B =$

- Ans
- 1. 2
 - 2. $1/\sqrt{2}$
 - 3. 0.50
 - 4. $\sqrt{2}$

Question ID : 9623407591
Option 1 ID : 96234030362
Option 2 ID : 96234030363
Option 3 ID : 96234030361
Option 4 ID : 96234030364
Status : Answered
Chosen Option : 1

Q.6
9 A piece of programming code inserted into another program to cause damage is called:

- Ans
- 1. Viral
 - 2. Virus
 - 3. Malware
 - 4. Spam

Question ID : 9623407558
Option 1 ID : 96234030229
Option 2 ID : 96234030230
Option 3 ID : 96234030231
Option 4 ID : 96234030232
Status : Answered
Chosen Option : 2

Q.7
0 A fishing boat sails 9 km South in still water. It then turns East and sails 8 km, turns North and sails 9 km, then turns to its right and sails 12 km. Where is the boat now with reference to its starting position?

- Ans
- 1. 4 km East
 - 2. 4 km West
 - 3. 20 km West
 - 4. 20 km East

Question ID : 9623407624
Option 1 ID : 96234030494
Option 2 ID : 96234030495
Option 3 ID : 96234030493
Option 4 ID : 96234030496
Status : Answered
Chosen Option : 4

Q.7
1 A file, which is to archive and compress them into one file of smaller size using a program is called as _____.

- Ans
- 1. SSL
 - 2. ZIP

- 3. SEO
- 4. SAAS

Question ID : 9623407557
Option 1 ID : 96234030226
Option 2 ID : 96234030227
Option 3 ID : 96234030228
Option 4 ID : 96234030225
Status : Answered
Chosen Option : 2

Q.7 If a six digit number 738A6A is divisible by 11 and a three digit number 68X is divisible by 9, then the value of (A+X)
2 is:

- Ans
- 1. 13
 - 2. 12
 - 3. 11
 - 4. 15

Question ID : 9623407576
Option 1 ID : 96234030303
Option 2 ID : 96234030302
Option 3 ID : 96234030301
Option 4 ID : 96234030304
Status : Answered
Chosen Option : 1

Q.7 _____ curve is a curve traced by the free end of a thread unwound from a circle or a polygon in such a way that the
3 thread is always tight and tangential to the circle or side of the polygon.

- Ans
- 1. A logarithmic
 - 2. A sinusoidal
 - 3. An exponential
 - 4. An involute

Question ID : 9623407547
Option 1 ID : 96234030185
Option 2 ID : 96234030187
Option 3 ID : 96234030188
Option 4 ID : 96234030186
Status : Not Answered
Chosen Option : --

Q.7 If an object has a mass of 100 kg on Earth, what would be its mass on the Moon?
4

- Ans
- 1. 0 kg
 - 2. 100 kg
 - 3. 16.7 kg
 - 4. 980 kg

Question ID : 9623407542
Option 1 ID : 96234030168
Option 2 ID : 96234030166

Option 3 ID : 96234030167
Option 4 ID : 96234030165
Status : Answered
Chosen Option : 2

Q.7
5 18% of 90% of 500 = ?

- Ans
- 1. 79
 - 2. 81
 - 3. 78
 - 4. 80

Question ID : 9623407596
Option 1 ID : 96234030382
Option 2 ID : 96234030384
Option 3 ID : 96234030381
Option 4 ID : 96234030383
Status : Answered
Chosen Option : 2

Q.7
6 A regular dodecahedron has twelve identical _____ faces.

- Ans
- 1. hexagonal
 - 2. quadrilateral
 - 3. triangular
 - 4. pentagonal

Question ID : 9623407549
Option 1 ID : 96234030196
Option 2 ID : 96234030195
Option 3 ID : 96234030193
Option 4 ID : 96234030194
Status : Marked For Review
Chosen Option : 3

Q.7
7 An airplane flies at the speed of 1080 kmph. How much distance does it cover in a flight of 5 s?

- Ans
- 1. 1625 m
 - 2. 1500 m
 - 3. 1350 m
 - 4. 1250 m

Question ID : 9623407585
Option 1 ID : 96234030340
Option 2 ID : 96234030339
Option 3 ID : 96234030338
Option 4 ID : 96234030337
Status : Answered
Chosen Option : 2

Q.7
8 "Gudi Padwa" is an auspicious day that marks the beginning of the traditional new year for Marathi Hindus. Which Hindu month is it celebrated in?

- Ans
- 1. Chaitra
 - 2. Vaisakha
 - 3. Bhadra
 - 4. Shravana

Question ID : 9623407528
Option 1 ID : 96234030110
Option 2 ID : 96234030109
Option 3 ID : 96234030112
Option 4 ID : 96234030111
Status : Answered
Chosen Option : 2

Q.7 A concrete wall of thickness 15 cm has inside temperature 25°C and outside temperature 5°C . The rate of heat loss through per square metre of the wall (thermal conductivity 0.81 J/(s m K)) is:

- Ans
- 1. 120 J/s
 - 2. 54 J/s
 - 3. 163 J/s
 - 4. 108 J/s

Question ID : 9623407565
Option 1 ID : 96234030259
Option 2 ID : 96234030257
Option 3 ID : 96234030260
Option 4 ID : 96234030258
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.8 Who was the first Indian to receive a Nobel Prize?

- Ans
- 1. Mother Teresa
 - 2. Amartya Sen
 - 3. Rabindranath Tagore
 - 4. C V Raman

Question ID : 9623407532
Option 1 ID : 96234030126
Option 2 ID : 96234030128
Option 3 ID : 96234030125
Option 4 ID : 96234030127
Status : Answered
Chosen Option : 3

Q.8 A series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series.

4.6, 5.2, 5.8, ?, 7, 7.6

- Ans
- 1. 6.4
 - 2. 7.2
 - 3. 6.8

X 4. 6.2

Question ID : 9623407604
Option 1 ID : 96234030415
Option 2 ID : 96234030416
Option 3 ID : 96234030414
Option 4 ID : 96234030413
Status : Answered
Chosen Option : 1

Q.8 An article was sold for ₹ 14000. Had a discount of 10% was offered, a profit of 5% would have been made. What is the
2 cost price?

- Ans** 1. ₹ 12000
 2. ₹ 12600
 3. ₹ 11500
 4. ₹ 12500

Question ID : 9623407579
Option 1 ID : 96234030314
Option 2 ID : 96234030316
Option 3 ID : 96234030313
Option 4 ID : 96234030315
Status : Not Answered
Chosen Option : --

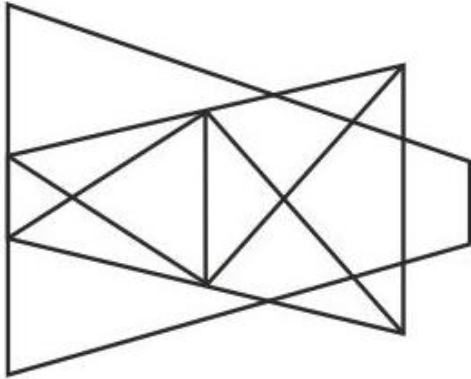
Q.8 In a certain code language, 286 means 'egg is white', 586 means 'milk is white' and 524 means 'egg or milk'. Find the
3 code for 'or'.

- Ans** 1. 4
 2. 5
 3. 6
 4. 2

Question ID : 9623407605
Option 1 ID : 96234030417
Option 2 ID : 96234030419
Option 3 ID : 96234030420
Option 4 ID : 96234030418
Status : Answered
Chosen Option : 1

Q.8
4

What is the minimum number of lines required to make the given image?



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

Question ID : 9623407620

Option 1 ID : 96234030479

Option 2 ID : 96234030478

Option 3 ID : 96234030480

Option 4 ID : 96234030477

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.8 A cylindrical wire of length L and radius r has a resistance R . The resistance of another wire of the same material but of twice its length and one-fourth its radius is:

- Ans
- 1. $32R$
 - 2. $8R$
 - 3. $16R$
 - 4. R

Question ID : 9623407567

Option 1 ID : 96234030265

Option 2 ID : 96234030267

Option 3 ID : 96234030266

Option 4 ID : 96234030268

Status : Answered

Chosen Option : 1

Q.8 What is the angle between the two hands of a clock when the time shown by the clock is 4 hours 15 minutes?

- Ans
- 1. 32.5 degrees
 - 2. 30 degrees
 - 3. 40 degrees

✓ 4. 37.5 degrees

Question ID : 9623407592

Option 1 ID : 96234030367

Option 2 ID : 96234030365

Option 3 ID : 96234030368

Option 4 ID : 96234030366

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.8
7 Which of these is the top apple producing country of the world?

Ans ✓ 1. China

✗ 2. Poland

✗ 3. United Kingdom

✗ 4. United States

Question ID : 9623407527

Option 1 ID : 96234030107

Option 2 ID : 96234030108

Option 3 ID : 96234030106

Option 4 ID : 96234030105

Status : **Not Answered**

Chosen Option : --

Q.8
8 Two taps take 10 min and 15 min, respectively, to fill an empty pool. The first tap was ON for 4 min, after which it stopped working. How much time will the second tap take to fill the pool?

Ans ✗ 1. 12 min

✓ 2. 9 min

✗ 3. 10 min

✗ 4. 8 min

Question ID : 9623407594

Option 1 ID : 96234030376

Option 2 ID : 96234030375

Option 3 ID : 96234030374

Option 4 ID : 96234030373

Status : **Answered**

Chosen Option : 2

Q.8
9 Find the odd set of letters from the given alternatives.

Ans ✗ 1. WUS

✗ 2. QOM

✓ 3. GIK

✗ 4. ECA

Question ID : 9623407618

Option 1 ID : 96234030472

Option 2 ID : 96234030471

Option 3 ID : 96234030469

Option 4 ID : 96234030470

Status : Answered
Chosen Option : 3

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

- Ans
- 1. Iron
 - 2. Brass
 - 3. Hard rubber
 - 4. Mercury

Question ID : 9623407554
Option 1 ID : 96234030214
Option 2 ID : 96234030213
Option 3 ID : 96234030216
Option 4 ID : 96234030215
Status : Answered
Chosen Option : 4

Q.9 An object is moving with a speed 100 m/s. Find the distance travelled by this object in one minute.

- Ans
- 1. 0.6 km
 - 2. 6 km
 - 3. 10 km
 - 4. 100 km

Question ID : 9623407568
Option 1 ID : 96234030270
Option 2 ID : 96234030269
Option 3 ID : 96234030271
Option 4 ID : 96234030272
Status : Answered
Chosen Option : 1

Q.9 Four $100\text{-}\Omega$ resistors are connected in parallel and this combination is connected across a 100 V supply voltage. Find the power dissipation in each resistor.

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

Question ID : 9623407574
Option 1 ID : 96234030295
Option 2 ID : 96234030296
Option 3 ID : 96234030293
Option 4 ID : 96234030294
Status : Answered
Chosen Option : 3

Q.9 A ball of mass m is dropped from a height H . At height $H/3$, the ratio of its potential energy (PE) to kinetic energy (KE) is equal to:

- Ans
- 1. $1/4$
 - 2. 1

3. 1/2

4. 1/3

Question ID : 9623407538
Option 1 ID : 96234030152
Option 2 ID : 96234030150
Option 3 ID : 96234030149
Option 4 ID : 96234030151
Status : Answered
Chosen Option : 2

Q.9
4 When 3^{21684} is divided by 5, the remainder is:

Ans 1. 1

2. 4

3. 2

4. 3

Question ID : 9623407577
Option 1 ID : 96234030305
Option 2 ID : 96234030308
Option 3 ID : 96234030306
Option 4 ID : 96234030307
Status : Answered
Chosen Option : 4

Q.9
5 If $a - b = 5$ and $ab = 24$, then $a^2 + b^2 =$

Ans 1. 1

2. 72

3. 36

4. 73

Question ID : 9623407588
Option 1 ID : 96234030349
Option 2 ID : 96234030351
Option 3 ID : 96234030350
Option 4 ID : 96234030352
Status : Answered
Chosen Option : 4

Q.9
6 If STARCH is coded as QRYPAF, then how will END be coded as?

Ans 1. EDC

2. CLB

3. IHG

4. QPO

Question ID : 9623407606
Option 1 ID : 96234030422
Option 2 ID : 96234030421
Option 3 ID : 96234030423

Option 4 ID : 96234030424
Status : Answered
Chosen Option : 2

Q.9
7 The Ideal-gas equation is _____.

- Ans
- 1. $PV/T = \mu R$
 - 2. $PV/T = (1/\mu) R$
 - 3. $T/PV = \mu R$
 - 4. $P/VT = \mu R$

Question ID : 9623407551
Option 1 ID : 96234030201
Option 2 ID : 96234030203
Option 3 ID : 96234030204
Option 4 ID : 96234030202
Status : Answered
Chosen Option : 1

Q.9
8 A 50 g block of copper is heated from 20°C to 60°C. How much heat is transferred to the block (specific heat of copper is $386 \text{ Jkg}^{-1}\text{K}^{-1}$) ?

- Ans
- 1. 320 J
 - 2. 572 J
 - 3. 852 J
 - 4. 772 J

Question ID : 9623407564
Option 1 ID : 96234030253
Option 2 ID : 96234030254
Option 3 ID : 96234030256
Option 4 ID : 96234030255
Status : Answered
Chosen Option : 4

Q.9
9 If I + J means I is the father of J; I - J means I is the son-in-law of J; and I * J means I is the wife of J, then which of the following shows that F is the brother of C, considering that C has only one sibling?

- Ans
- 1. $C - E * D + F$
 - 2. $C * D - E + F$
 - 3. $C + D - E * F$
 - 4. $C + E - D * F$

Question ID : 9623407610
Option 1 ID : 96234030440
Option 2 ID : 96234030437
Option 3 ID : 96234030439
Option 4 ID : 96234030438
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.1
00 What is the least number which, when divided by 5, 6, 8 and 10, leaves a remainder of 2 in each case?

Ans

- 1. 128
- 2. 122
- 3. 162
- 4. 118

Question ID : 9623407582
Option 1 ID : 96234030327
Option 2 ID : 96234030328
Option 3 ID : 96234030326
Option 4 ID : 96234030325
Status : Answered
Chosen Option : 2

Section : Electrician

Q.1 Which is the insulation material used in an electric iron?

- Ans
- 1. Plastic
 - 2. Rubber
 - 3. Silica
 - 4. Mica

Question ID : 9623407688
Option 1 ID : 96234030752
Option 2 ID : 96234030751
Option 3 ID : 96234030749
Option 4 ID : 96234030750
Status : Answered
Chosen Option : 4

Q.2 The protective equipment used to protect equipment against lightning stroke is:

- Ans
- 1. shunt reactors
 - 2. circuit breaker
 - 3. isolator
 - 4. Lightning arrester

Question ID : 9623407680
Option 1 ID : 96234030720
Option 2 ID : 96234030719
Option 3 ID : 96234030718
Option 4 ID : 96234030717
Status : Answered
Chosen Option : 4

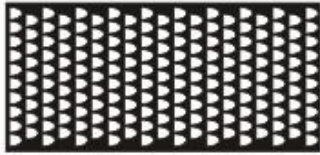
Q.3 The _____ of a motor depends on the loading of the motor.

- Ans
- 1. power factor
 - 2. voltage rating
 - 3. winding

4. efficiency

Question ID : 9623407649
Option 1 ID : 96234030594
Option 2 ID : 96234030593
Option 3 ID : 96234030595
Option 4 ID : 96234030596
Status : Answered
Chosen Option : 1

Q.4 Identify the type of file shown in the below figure.



- Ans
- 1. RASP cut file
 - 2. Double cut file
 - 3. Single cut file
 - 4. Curved cut file

Question ID : 9623407640
Option 1 ID : 96234030557
Option 2 ID : 96234030558
Option 3 ID : 96234030560
Option 4 ID : 96234030559
Status : Not Answered
Chosen Option : --

Q.5 The protection system of the household circuit that trips if someone receives a shock is:

- Ans
- 1. ELCB
 - 2. MCB
 - 3. HRC fuse
 - 4. MCCB

Question ID : 9623407687
Option 1 ID : 96234030747
Option 2 ID : 96234030746
Option 3 ID : 96234030748
Option 4 ID : 96234030745
Status : Answered
Chosen Option : 2

Q.6 Which of the meters cannot be used in DC circuits?

- Ans
- 1. Mercury motor meter
 - 2. Voltmeter
 - 3. Commutator motor meters
 - 4. Induction meter

Question ID : 9623407661
Option 1 ID : 96234030641
Option 2 ID : 96234030642
Option 3 ID : 96234030644
Option 4 ID : 96234030643
Status : Answered
Chosen Option : 1

Q.7 Resistance can be measured using:

- Ans
- 1. Voltmeter
 - 2. Wattmeter
 - 3. Ammeter
 - 4. Ohmmeter

Question ID : 9623407633
Option 1 ID : 96234030530
Option 2 ID : 96234030529
Option 3 ID : 96234030531
Option 4 ID : 96234030532
Status : Answered
Chosen Option : 4

Q.8 Which part of the motor confirms that it is a DC motor?

- Ans
- 1. Frame
 - 2. Commutator
 - 3. Shaft
 - 4. Stator

Question ID : 9623407632
Option 1 ID : 96234030525
Option 2 ID : 96234030527
Option 3 ID : 96234030526
Option 4 ID : 96234030528
Status : Answered
Chosen Option : 2

Q.9 What does the symbol shown below represent?



- Ans
- 1. Heater
 - 2. Blower
 - 3. Fan
 - 4. Chiller

Question ID : 9623407630
Option 1 ID : 96234030520
Option 2 ID : 96234030518
Option 3 ID : 96234030517
Option 4 ID : 96234030519
Status : Not Answered
Chosen Option : --

Q.1
0 The current on a high voltage line is measured using:

- Ans
- 1. Current shunt
 - 2. Voltage transformer
 - 3. Load resistor
 - 4. Current transformer

Question ID : 9623407628
Option 1 ID : 96234030509
Option 2 ID : 96234030512
Option 3 ID : 96234030510
Option 4 ID : 96234030511
Status : Answered
Chosen Option : 4

Q.1
1 In a universal motor, normally the ratio of width of brush to the width of commutator segments is:

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

Question ID : 9623407663
Option 1 ID : 96234030651
Option 2 ID : 96234030650
Option 3 ID : 96234030649
Option 4 ID : 96234030652
Status : Not Answered
Chosen Option : --

Q.1
2 The minimum clearance distance that equipment should be kept away from power lines is:

- Ans
- 1. 20 feet
 - 2. 10 feet
 - 3. 15 feet
 - 4. 5 feet

Question ID : 9623407650
Option 1 ID : 96234030600
Option 2 ID : 96234030598
Option 3 ID : 96234030599
Option 4 ID : 96234030597
Status : Not Answered
Chosen Option : --

Q.1
3 Which among the below is not generally used for distribution systems?

- Ans
- 1. 1 phase ,3 wire system
 - 2. 3 phase, 3 wire system
 - 3. 3 phase, 4 wire system
 - 4. 1 phase ,4 wire system

Question ID : 9623407651
Option 1 ID : 96234030603
Option 2 ID : 96234030601
Option 3 ID : 96234030602
Option 4 ID : 96234030604
Status : Answered
Chosen Option : 4

Q.1
4 In which type of motor a fly wheel is used during heavy loads?

- Ans
- 1. DC Series motor
 - 2. AC series motor
 - 3. DC Shunt motor
 - 4. AC shunt motor

Question ID : 9623407667
Option 1 ID : 96234030665
Option 2 ID : 96234030668
Option 3 ID : 96234030667
Option 4 ID : 96234030666
Status : Answered
Chosen Option : 1

Q.1
5 Latches are _____ circuits.

- Ans
- 1. edge triggered
 - 2. pulse triggered
 - 3. count triggered
 - 4. level triggered

Question ID : 9623407686
Option 1 ID : 96234030741
Option 2 ID : 96234030743
Option 3 ID : 96234030744
Option 4 ID : 96234030742
Status : Answered
Chosen Option : 2

Q.1
6 _____ is unlikely to cause an electric shock while doing electric work.

- Ans
- 1. Wet wood
 - 2. Metal rod

- 3. Wet rope
- 4. Dry wood

Question ID : 9623407660
Option 1 ID : 96234030638
Option 2 ID : 96234030637
Option 3 ID : 96234030639
Option 4 ID : 96234030640
Status : Answered
Chosen Option : 1

Q.1
7 Which one of the following is a ferromagnetic material?

- Ans
- 1. Nickel
 - 2. Lead
 - 3. Platinum
 - 4. Copper

Question ID : 9623407698
Option 1 ID : 96234030790
Option 2 ID : 96234030792
Option 3 ID : 96234030789
Option 4 ID : 96234030791
Status : Answered
Chosen Option : 1

Q.1
8 The visor of a halogen flood lamp is made of:

- Ans
- 1. Mica
 - 2. Glass
 - 3. Polycarbonate
 - 4. Silica

Question ID : 9623407635
Option 1 ID : 96234030537
Option 2 ID : 96234030539
Option 3 ID : 96234030540
Option 4 ID : 96234030538
Status : Not Answered
Chosen Option : --

Q.1
9 In a delta to star connection of transformer one of the following is true

- Ans
- 1. used for large HV transformers
 - 2. Used for applications where voltages need to be stepped down
 - 3. line voltage is equal to phase voltage
 - 4. Used for applications where voltages need to be stepped up

Question ID : 9623407690

Option 1 ID : 96234030760
Option 2 ID : 96234030758
Option 3 ID : 96234030757
Option 4 ID : 96234030759
Status : Answered
Chosen Option : 3

Q.2
0 The direction of force in a current carrying conductor can be determined using:

- Ans
- 1. Fleming's Left Hand Rule
 - 2. Faraday's Law
 - 3. Fleming's Fist Rule
 - 4. Fleming's Right Hand Rule

Question ID : 9623407644
Option 1 ID : 96234030574
Option 2 ID : 96234030576
Option 3 ID : 96234030575
Option 4 ID : 96234030573
Status : Answered
Chosen Option : 1

Q.2
1 Which is the DC motor whose speed is independent of armature current?

- Ans
- 1. Series motor
 - 2. Compound motor
 - 3. Brush-less motor
 - 4. Shunt motor

Question ID : 9623407631
Option 1 ID : 96234030521
Option 2 ID : 96234030524
Option 3 ID : 96234030522
Option 4 ID : 96234030523
Status : Answered
Chosen Option : 3

Q.2
2 The type of connection commonly used in low voltage distribution systems is:

- Ans
- 1. Star / Star
 - 2. delta / delta
 - 3. Star / delta
 - 4. Delta / star

Question ID : 9623407692
Option 1 ID : 96234030765
Option 2 ID : 96234030767
Option 3 ID : 96234030766
Option 4 ID : 96234030768
Status : Not Answered
Chosen Option : --

Q.2
3 PVC insulated non sheathed single core cables are most preferably used in:

- Ans
- 1. domestic and industrial wiring
 - 2. Hazardous locations
 - 3. Dry locations and underground systems
 - 4. Wet locations

Question ID : 9623407639
Option 1 ID : 96234030556
Option 2 ID : 96234030553
Option 3 ID : 96234030554
Option 4 ID : 96234030555
Status : Answered
Chosen Option : 4

Q.2
4 What is the type of cell used for building a laptop battery pack?

- Ans
- 1. Nickel cadmium
 - 2. Lithium ion
 - 3. Zinc silver oxide
 - 4. Lead acid

Question ID : 9623407641
Option 1 ID : 96234030564
Option 2 ID : 96234030563
Option 3 ID : 96234030561
Option 4 ID : 96234030562
Status : Answered
Chosen Option : 2

Q.2
5 Boost charging is the process of charging on _____.

- Ans
- 1. Low Current for Short time
 - 2. High Current for a Short time
 - 3. Low Current for a long time
 - 4. High Current for a Long Time

Question ID : 9623407642
Option 1 ID : 96234030568
Option 2 ID : 96234030566
Option 3 ID : 96234030565
Option 4 ID : 96234030567
Status : Answered
Chosen Option : 2

Q.2
6 An alternator provides maximum power when the load angle is:

- Ans
- 1. 180°
 - 2. 90°
 - 3. 120°

4. 45°

Question ID : 9623407684
Option 1 ID : 96234030736
Option 2 ID : 96234030733
Option 3 ID : 96234030735
Option 4 ID : 96234030734
Status : Answered
Chosen Option : 2

Q.2
7 A star to star transformer works properly when:

- Ans
- 1. Voltage is high
 - 2. Load is unbalanced
 - 3. Current is high
 - 4. Load is balanced

Question ID : 9623407689
Option 1 ID : 96234030755
Option 2 ID : 96234030753
Option 3 ID : 96234030756
Option 4 ID : 96234030754
Status : Answered
Chosen Option : 4

Q.2
8 Which of the following is an example for non conventional energy resource?

- Ans
- 1. petrol
 - 2. diesel
 - 3. wind
 - 4. coal

Question ID : 9623407626
Option 1 ID : 96234030503
Option 2 ID : 96234030504
Option 3 ID : 96234030501
Option 4 ID : 96234030502
Status : Answered
Chosen Option : 3

Q.2
9 A three phase star configuration motor has:

- Ans
- 1. 4 hot wires and 1 neutral wire
 - 2. 3 hot wires and 1 ground wire
 - 3. 3 hot, 1 neutral and 1 ground wires
 - 4. 3 hot wires and 1 neutral wire

Question ID : 9623407695
Option 1 ID : 96234030780
Option 2 ID : 96234030779
Option 3 ID : 96234030777

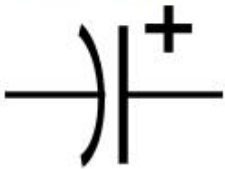
Option 4 ID : 96234030778
Status : Answered
Chosen Option : 4

Q.3
0 Which among the following is not a passive component?

- Ans
- 1. capacitor
 - 2. Resistor
 - 3. Inductor
 - 4. Diode

Question ID : 9623407693
Option 1 ID : 96234030771
Option 2 ID : 96234030769
Option 3 ID : 96234030770
Option 4 ID : 96234030772
Status : Answered
Chosen Option : 4

Q.3
1 What is represented by the below symbol?



- Ans
- 1. Battery
 - 2. Capacitor
 - 3. capacitor polarized
 - 4. Resistor

Question ID : 9623407654
Option 1 ID : 96234030616
Option 2 ID : 96234030615
Option 3 ID : 96234030613
Option 4 ID : 96234030614
Status : Answered
Chosen Option : 3

Q.3
2 When a capacitor load is connected, the power factor is:

- Ans
- 1. Leading
 - 2. Infinite
 - 3. Unity
 - 4. Lagging

Question ID : 9623407674
Option 1 ID : 96234030693
Option 2 ID : 96234030696
Option 3 ID : 96234030695
Option 4 ID : 96234030694

Status : Answered
Chosen Option : 1

Q.3
3 The starter which can be used to reduce the voltage during starting of an induction motor is:

- Ans
- 1. Star starter
 - 2. Delta starter
 - 3. Star Delta starter
 - 4. Delta Star starter

Question ID : 9623407648
Option 1 ID : 96234030591
Option 2 ID : 96234030592
Option 3 ID : 96234030590
Option 4 ID : 96234030589
Status : Answered
Chosen Option : 3

Q.3
4 What is the use of a static frequency changer in a motor?

- Ans
- 1. To achieve direction reversal
 - 2. To achieve speed regulation
 - 3. To control power factor
 - 4. To control cooling

Question ID : 9623407668
Option 1 ID : 96234030671
Option 2 ID : 96234030672
Option 3 ID : 96234030669
Option 4 ID : 96234030670
Status : Answered
Chosen Option : 2

Q.3
5 What is the advantage of armored cable?

- Ans
- 1. It has higher insulation resistance
 - 2. It can sustain high voltage
 - 3. It can smoothly travel through gland
 - 4. It can sustain higher impact

Question ID : 9623407672
Option 1 ID : 96234030687
Option 2 ID : 96234030686
Option 3 ID : 96234030688
Option 4 ID : 96234030685
Status : Answered
Chosen Option : 1

Q.3
6 Which one of the following is not the speed control technique of induction motor?

- Ans
- 1. frequency control

- 2. stator voltage control
- 3. stator resistance control
- 4. rotor resistance control

Question ID : 9623407679
Option 1 ID : 96234030716
Option 2 ID : 96234030715
Option 3 ID : 96234030714
Option 4 ID : 96234030713
Status : Not Answered
Chosen Option : --

Q.3
7 If the nominal voltage of a given battery is 1.2 V, what is the type cell of used?

- Ans
- 1. Lithium ion
 - 2. Lead acid
 - 3. Nickel cadmium
 - 4. Zinc silver oxide

Question ID : 9623407656
Option 1 ID : 96234030622
Option 2 ID : 96234030624
Option 3 ID : 96234030621
Option 4 ID : 96234030623
Status : Answered
Chosen Option : 2

Q.3
8 What is another name for Eddy Currents?

- Ans
- 1. Foucault Currents
 - 2. Faculty Currents
 - 3. Faulty Currents
 - 4. Berry Currents

Question ID : 9623407645
Option 1 ID : 96234030579
Option 2 ID : 96234030578
Option 3 ID : 96234030577
Option 4 ID : 96234030580
Status : Not Answered
Chosen Option : --

Q.3
9 What is meant by line voltage?

- Ans
- 1. The voltage available between any two phases
 - 2. The voltage available between ground and neutral
 - 3. The voltage available between phase and neutral
 - 4. The voltage available between the three phases

Question ID : 9623407699

Option 1 ID : 96234030794

Option 2 ID : 96234030796

Option 3 ID : 96234030795

Option 4 ID : 96234030793

Status : Answered

Chosen Option : 1

Q.4 .The number of poles of a three phase induction motor running at 750 rpm with 50Hz frequency is

0

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

Question ID : 9623407647

Option 1 ID : 96234030586

Option 2 ID : 96234030587

Option 3 ID : 96234030588

Option 4 ID : 96234030585

Status : Answered

Chosen Option : 2

Q.4 The type of motor commonly used in washing machines and mixers is:

1

- Ans
- 1. DC shunt motor
 - 2. Reluctance motor
 - 3. synchronous motor
 - 4. universal motor

Question ID : 9623407658

Option 1 ID : 96234030629

Option 2 ID : 96234030632

Option 3 ID : 96234030630

Option 4 ID : 96234030631

Status : Answered

Chosen Option : 1

Q.4 Constant loss in a three phase induction motor is determined by:

2

- Ans
- 1. Two watt meter test
 - 2. Load test
 - 3. Physical test
 - 4. No load test

Question ID : 9623407678

Option 1 ID : 96234030711

Option 2 ID : 96234030710

Option 3 ID : 96234030712

Option 4 ID : 96234030709

Status : Answered

Chosen Option : 4

Q.4
3 The current drawn by a motor is determined by the stator impedance and _____ applied across the terminals.

- Ans
- 1. force
 - 2. power
 - 3. current
 - 4. voltage

Question ID : 9623407646
Option 1 ID : 96234030584
Option 2 ID : 96234030582
Option 3 ID : 96234030581
Option 4 ID : 96234030583
Status : Answered
Chosen Option : 4

Q.4
4 The flow rate of a single-phase pump can be changed by

- Ans
- 1. Changing I/P voltage
 - 2. Controlling the valve
 - 3. Reducing the pipe size
 - 4. Changing I/P frequency

Question ID : 9623407671
Option 1 ID : 96234030681
Option 2 ID : 96234030683
Option 3 ID : 96234030684
Option 4 ID : 96234030682
Status : Answered
Chosen Option : 1

Q.4
5 In star delta motor, the starting current is:

- Ans
- 1.
Reduced approximately by 1/3 times as compared to the original
 - 2.
Reduced approximately by 1/4 times as compared to the original
 - 3.
Increased approximately by 1/3 times as compared to the original
 - 4.
Increased approximately by 1/4 times as compared to the original

Question ID : 9623407696
Option 1 ID : 96234030781
Option 2 ID : 96234030782
Option 3 ID : 96234030783
Option 4 ID : 96234030784
Status : Answered
Chosen Option : 1

Q.4

6 Aquadag coating is most commonly used in CROs to:

- Ans
- 1. absorb moisture
 - 2. absorb the extra electrons emitted
 - 3. absorb and emit rays
 - 4. absorb rays emitted

Question ID : 9623407643
Option 1 ID : 96234030570
Option 2 ID : 96234030569
Option 3 ID : 96234030572
Option 4 ID : 96234030571
Status : Not Answered
Chosen Option : --

Q.4
7 When an inductive load is connected, the power factor is:

- Ans
- 1. Unity
 - 2. Infinite
 - 3. Lagging
 - 4. Leading

Question ID : 9623407673
Option 1 ID : 96234030691
Option 2 ID : 96234030692
Option 3 ID : 96234030690
Option 4 ID : 96234030689
Status : Answered
Chosen Option : 3

Q.4
8 The eddy current loss occurs in which part of the DC machine?

- Ans
- 1. Armature
 - 2. Field
 - 3. Commutator
 - 4. Brushes

Question ID : 9623407681
Option 1 ID : 96234030721
Option 2 ID : 96234030723
Option 3 ID : 96234030722
Option 4 ID : 96234030724
Status : Answered
Chosen Option : 1

Q.4
9 1 HP is equivalent to how many watts?

- Ans
- 1. 743
 - 2. 746
 - 3. 745

4. 744

Question ID : 9623407675
Option 1 ID : 96234030700
Option 2 ID : 96234030697
Option 3 ID : 96234030698
Option 4 ID : 96234030699
Status : Answered
Chosen Option : 2

Q.5
0 Which among these is the heating element used in a steam iron?

- Ans
- 1. Sealed tungsten tube
 - 2. Mica press tungsten strip
 - 3. Copper coil
 - 4. Open tungsten coil

Question ID : 9623407669
Option 1 ID : 96234030674
Option 2 ID : 96234030675
Option 3 ID : 96234030676
Option 4 ID : 96234030673
Status : Answered
Chosen Option : 2

Q.5
1 Which of the below emits nearly monochromatic light?

- Ans
- 1. Mercury vapor lamp
 - 2. Bulb
 - 3. Tubelight
 - 4. Sodium vapor lamp

Question ID : 9623407685
Option 1 ID : 96234030738
Option 2 ID : 96234030740
Option 3 ID : 96234030739
Option 4 ID : 96234030737
Status : Answered
Chosen Option : 4

Q.5
2 The minimum insulation resistance value for a system running at a maximum voltage of 250 V is:

- Ans
- 1. 1000 M Ω
 - 2. 25 M Ω
 - 3. 100 M Ω
 - 4. 1000 G Ω

Question ID : 9623407666
Option 1 ID : 96234030663
Option 2 ID : 96234030661
Option 3 ID : 96234030662

Option 4 ID : 96234030664
Status : Not Answered
Chosen Option : --

Q.5 Identify the type of lug used for connecting aluminium cable to copper bus bar from the given options.

3

- Ans
- 1. Insulated sleeve lug
 - 2. Bi-metallic cable lug
 - 3. Bi-metallic cable connector
 - 4. Copper lug

Question ID : 9623407653
Option 1 ID : 96234030612
Option 2 ID : 96234030610
Option 3 ID : 96234030611
Option 4 ID : 96234030609
Status : Not Answered
Chosen Option : --

Q.5 Which of the following is not an essential part of motor meter

4

- Ans
- 1. Operating torque system
 - 2. Revolution registering system
 - 3. Inductive pickup
 - 4. Braking system

Question ID : 9623407665
Option 1 ID : 96234030659
Option 2 ID : 96234030658
Option 3 ID : 96234030660
Option 4 ID : 96234030657
Status : Answered
Chosen Option : 2

Q.5 For household wiring and small units, the following should be used as a safety measure:

5

- Ans
- 1. MCB
 - 2. OCB
 - 3. ACB
 - 4. MCCB

Question ID : 9623407697
Option 1 ID : 96234030785
Option 2 ID : 96234030787
Option 3 ID : 96234030786
Option 4 ID : 96234030788
Status : Answered
Chosen Option : 1

Q.5 What is the insulation resistance test voltage required for an equipment running on maximum voltage of 600 V?

6

- Ans
- 1. 300 V
 - 2. 1000 V
 - 3. 500 V
 - 4. 100 V

Question ID : 9623407662
Option 1 ID : 96234030647
Option 2 ID : 96234030645
Option 3 ID : 96234030646
Option 4 ID : 96234030648
Status : Answered
Chosen Option : 2

Q.5
7 Ohm's law can be applied to

- Ans
- 1. Resistor
 - 2. Rectifier
 - 3. Transformer
 - 4. Zener Diode

Question ID : 9623407636
Option 1 ID : 96234030542
Option 2 ID : 96234030543
Option 3 ID : 96234030544
Option 4 ID : 96234030541
Status : Answered
Chosen Option : 1

Q.5
8 The temperature setting for a bi-metallic strip can be changed by:

- Ans
- 1. Changing the current
 - 2. Moving it close and away from a heating element
 - 3. Changing I/P voltage
 - 4. changing the frequency

Question ID : 9623407670
Option 1 ID : 96234030680
Option 2 ID : 96234030677
Option 3 ID : 96234030678
Option 4 ID : 96234030679
Status : Answered
Chosen Option : 1

Q.5
9 Alternators are usually rated in

- Ans
- 1. Amperes
 - 2. Volts/sec
 - 3. watt
 - 4. Kilovolt-amperes

Question ID : 9623407634

Option 1 ID : 96234030535

Option 2 ID : 96234030533

Option 3 ID : 96234030536

Option 4 ID : 96234030534

Status : Answered

Chosen Option : 4

Q.6
0 To find real power, the apparent power has to be multiplied by:

- Ans
- 1. Supply factor
 - 2. Scaling factor
 - 3. Resonance frequency
 - 4. Power factor

Question ID : 9623407677

Option 1 ID : 96234030706

Option 2 ID : 96234030707

Option 3 ID : 96234030705

Option 4 ID : 96234030708

Status : Answered

Chosen Option : 4

Q.6
1 For a system with 230 VAC, 5 A current and lag of 30° , what's the reactive power?

- Ans
- 1. 275 VAR
 - 2. 675 VAR
 - 3. 175 VAR
 - 4. 575 VAR

Question ID : 9623407691

Option 1 ID : 96234030762

Option 2 ID : 96234030763

Option 3 ID : 96234030761

Option 4 ID : 96234030764

Status : Answered

Chosen Option : 4

Q.6
2 What is the relation between line voltage and phase voltage in a delta connection?

- Ans
- 1. Line voltage = $\sqrt{2}$ phase voltage
 - 2. Line voltage = $\sqrt{3}$ phase voltage
 - 3. Line voltage = phase voltage
 - 4. Line voltage = $\frac{1}{2}$ phase voltage

Question ID : 9623407700

Option 1 ID : 96234030799

Option 2 ID : 96234030798

Option 3 ID : 96234030797

Option 4 ID : 96234030800

Status : Answered

Chosen Option : 2

Q.6
3 What is the allowable frequency variation as per IE rule of safety?

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

Question ID : 9623407664

Option 1 ID : 96234030656

Option 2 ID : 96234030653

Option 3 ID : 96234030654

Option 4 ID : 96234030655

Status : Answered

Chosen Option : 3

Q.6
4 Majority charge carriers in n-type semiconductors are:

- Ans
- 1. electrons
 - 2. holes
 - 3. neutrons
 - 4. protons

Question ID : 9623407652

Option 1 ID : 96234030606

Option 2 ID : 96234030605

Option 3 ID : 96234030607

Option 4 ID : 96234030608

Status : Answered

Chosen Option : 1

Q.6
5 For a given output and speed, a universal motor as compared to 220 V, 50 Hz supply will require:

- Ans
- 1. Low voltage at low frequency
 - 2. Low voltage at high frequency
 - 3. High voltage at low frequency
 - 4. High voltage at high frequency

Question ID : 9623407659

Option 1 ID : 96234030634

Option 2 ID : 96234030635

Option 3 ID : 96234030633

Option 4 ID : 96234030636

Status : Not Answered

Chosen Option : --

Q.6
6 KVAR meters are used to measure the _____ component of KVA in a three-phase circuit.

- Ans
- 1. Faraday
 - 2. Lorentz

3. Biot-Savart's

4. Wattless

Question ID : 9623407676

Option 1 ID : 96234030701

Option 2 ID : 96234030702

Option 3 ID : 96234030704

Option 4 ID : 96234030703

Status : Answered

Chosen Option : 4

Q.6
7 Which transformer (from the below) is used in a servo stabilizer?

Ans 1. Step-up transformer

2. Step-down transformer

3. Multi-tap transformer

4. Auto transformer

Question ID : 9623407627

Option 1 ID : 96234030508

Option 2 ID : 96234030506

Option 3 ID : 96234030507

Option 4 ID : 96234030505

Status : Answered

Chosen Option : 4

Q.6
8 A voltmeter provides the path for:

Ans 1. Minimum current

2. Minimum voltage

3. Maximum voltage

4. Maximum current

Question ID : 9623407629

Option 1 ID : 96234030514

Option 2 ID : 96234030516

Option 3 ID : 96234030515

Option 4 ID : 96234030513

Status : Answered

Chosen Option : 1

Q.6
9 Which tool is used for finishing a circular hole?

Ans 1. Chisel

2. Half round file

3. Drill

4. Flat file

Question ID : 9623407655

Option 1 ID : 96234030618

Option 2 ID : 96234030619

Option 3 ID : 96234030617
Option 4 ID : 96234030620
Status : Answered
Chosen Option : 2

Q.7
0 The starting torque of an induction motor is _____ when rotor resistance equals rotor reactance.

- Ans
- 1. Minimum
 - 2. Constant
 - 3. Maximum
 - 4. Zero

Question ID : 9623407683
Option 1 ID : 96234030732
Option 2 ID : 96234030731
Option 3 ID : 96234030729
Option 4 ID : 96234030730
Status : Answered
Chosen Option : 3

Q.7
1 Soldering iron bit is made up of:

- Ans
- 1. Tin
 - 2. Steel
 - 3. Brass
 - 4. Copper

Question ID : 9623407638
Option 1 ID : 96234030551
Option 2 ID : 96234030552
Option 3 ID : 96234030549
Option 4 ID : 96234030550
Status : Answered
Chosen Option : 1

Q.7
2 What is the use of extended cable of an end pole?

- Ans
- 1. Excess wire tie-up
 - 2. Preventing the pole from bending
 - 3. Earthing line
 - 4. Voltage testing

Question ID : 9623407637
Option 1 ID : 96234030548
Option 2 ID : 96234030547
Option 3 ID : 96234030546
Option 4 ID : 96234030545
Status : Not Answered
Chosen Option : --

Q.7
3 The function of a trigger level knob on a CRO is:

- Ans
- 1. To change the sweep speeds of time base
 - 2. To change the length of time base
 - 3. To control the intensity of the trace
 - 4.

To change the level of input signal required to get stable display on scope of the selected channel

Question ID : 9623407657
Option 1 ID : 96234030625
Option 2 ID : 96234030628
Option 3 ID : 96234030627
Option 4 ID : 96234030626
Status : Answered
Chosen Option : 4

Q.7
4 The principle of solar power is based on:

- Ans
- 1. Hydroelectric effect
 - 2. Thermoelectric effect
 - 3. Photovoltaic effect
 - 4. Fission

Question ID : 9623407682
Option 1 ID : 96234030728
Option 2 ID : 96234030727
Option 3 ID : 96234030725
Option 4 ID : 96234030726
Status : Answered
Chosen Option : 3

Q.7
5 Which lamp has the best Colour Rendering Index (CRI)?

- Ans
- 1. High pressure sodium vapour lamp
 - 2. Incandescent lamp
 - 3. LED lamp
 - 4. Fluorescent lamp

Question ID : 9623407694
Option 1 ID : 96234030776
Option 2 ID : 96234030775
Option 3 ID : 96234030773
Option 4 ID : 96234030774
Status : Answered
Chosen Option : 3