



RAILWAY RECRUITMENT BOARDS

रेलवे भर्ती बोर्ड

Roll No:	
Participants Name:	
Test Center Name:	
Test Date:	23/01/2019
Test Time:	8:30 AM - 11:00 AM
Subject:	Part A and Exam Trade : Instrument Mechanic

- 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 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. 400
 - ☒ 2. 800
 - ☒ 3. 300
 - ☒ 4. 600

Question ID : 54335318725
Option 1 ID : 54335375156
Option 2 ID : 54335375159
Option 3 ID : 54335375158
Option 4 ID : 54335375157
Status : Answered
Chosen Option : 3

Q.2 Select the option that is related to the third word on the same basis as the second word is related to the first word.
Poem : Stanza :: Book : ?

- Ans
- ☒ 1. Printing
 - ☒ 2. Story
 - ☒ 3. Language
 - ☒ 4. Page

Question ID : 54335318771
Option 1 ID : 54335375341
Option 2 ID : 54335375340
Option 3 ID : 54335375343
Option 4 ID : 54335375342
Status : Marked For Review
Chosen Option : 4

Q.3 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. Half
-  2. Three fourths
-  3. Quarter
-  4. One-thirds

Question ID : 54335318755
Option 1 ID : 54335375279
Option 2 ID : 54335375277
Option 3 ID : 54335375276
Option 4 ID : 54335375278
Status : Answered
Chosen Option : 1

Q.4 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. 1579
-  2. 9165
-  3. 6742
-  4. 2489

Question ID : 54335318774
Option 1 ID : 54335375355
Option 2 ID : 54335375352
Option 3 ID : 54335375354
Option 4 ID : 54335375353
Status : Answered
Chosen Option : 3

Q.5 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. 17
-  2. 14
-  3. 18
-  4. 21

Question ID : 54335318793
Option 1 ID : 54335375430
Option 2 ID : 54335375428
Option 3 ID : 54335375429
Option 4 ID : 54335375431
Status : Answered
Chosen Option : 3

Q.6 Who was the chairman of the Constitution Drafting Committee?

- Ans**  1. Dr. Rajendra Prasad
-  2. Dr. B R Ambedkar
-  3. Jawaharlal Nehru

 4. Sardar Patel

Question ID : 54335318695

Option 1 ID : 54335375036

Option 2 ID : 54335375038

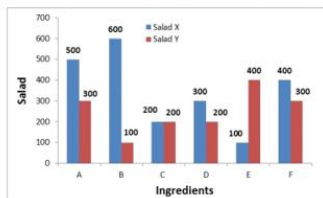
Option 3 ID : 54335375037

Option 4 ID : 54335375039

Status : Answered

Chosen Option : 2

Q.7 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. 37.50%
-  2. 20%
-  3. 22.50%
-  4. 25%

Question ID : 54335318790

Option 1 ID : 54335375417

Option 2 ID : 54335375418

Option 3 ID : 54335375419

Option 4 ID : 54335375416

Status : Answered

Chosen Option : 2

Q.8 Which hazardous substance can cause lung cancer?

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

Question ID : 54335318713

Option 1 ID : 54335375111

Option 2 ID : 54335375110

Option 3 ID : 54335375108

Option 4 ID : 54335375109

Status : Marked For Review

Chosen Option : 2

Q.9 Which of the following is NOT a base unit?

- Ans  1. mole
-  2. ampere
-  3. radian

 4. candela

Question ID : 54335318720
Option 1 ID : 54335375138
Option 2 ID : 54335375139
Option 3 ID : 54335375137
Option 4 ID : 54335375136
Status : Answered
Chosen Option : 3

Q.1
0 When a number is increased by 36, it becomes 109% of itself. What is the number?

- Ans
-  1. 450
 -  2. 360
 -  3. 300
 -  4. 400

Question ID : 54335318752
Option 1 ID : 54335375267
Option 2 ID : 54335375264
Option 3 ID : 54335375265
Option 4 ID : 54335375266
Status : Answered
Chosen Option : 4

Q.1
1 Find the value of $5 \sin \theta - 2 \operatorname{cosec} \theta$, if $\theta = 30^\circ$.

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

Question ID : 54335318764
Option 1 ID : 54335375313
Option 2 ID : 54335375315
Option 3 ID : 54335375312
Option 4 ID : 54335375314
Status : Answered
Chosen Option : 2

Q.1
2 एंटीहिस्टामाइन दवाएं, कुछ प्राथमिक चिकित्सा बक्सों (फर्स्ट-एड बॉक्स) में मौजूद होती हैं। इन दवाओं को कब लिया जाना चाहिए?

- Ans
-  1.

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

-  2. अस्थमा से राहत पाने के लिए
-  3. रक्त के थक्के जमाने में मदद करने के लिए
-  4. अपच एवं सीने में जलन को कम करने के लिए

Question ID : 54335318736
Option 1 ID : 54335375201
Option 2 ID : 54335375202

Option 3 ID : 54335375200
Option 4 ID : 54335375203
Status : **Marked For Review**
Chosen Option : 2

Q.1 If the speed of a car increases from 54 km/hr to 90 km/hr, its kinetic energy would increase in the ratio _____.
3

- Ans
- ☒ 1. 9/16
 - ☒ 2. 9/25
 - ☒ 3. 4/9
 - ☒ 4. 3/5

Question ID : 54335318724
Option 1 ID : 54335375154
Option 2 ID : 54335375155
Option 3 ID : 54335375153
Option 4 ID : 54335375152
Status : **Answered**
Chosen Option : 2

Q.1 The resistance of a metal rod depends on all of the following, EXCEPT _____.
4

- Ans
- ☒ 1. temperature
 - ☒ 2. length
 - ☒ 3. resistivity
 - ☒ 4. density

Question ID : 54335318728
Option 1 ID : 54335375168
Option 2 ID : 54335375169
Option 3 ID : 54335375171
Option 4 ID : 54335375170
Status : **Answered**
Chosen Option : 4

Q.1 एका कार्यकर्त्याला, प्रत्येक महिन्याला 12,600 रुपये वेतन मिळते, आणि तो त्या वेतनाच्या 5/7 खर्च करतो. जर त्याचा पगार 1/3 ने वाढतो आणि खर्च त्याच्या आत्ताच्या खर्चाच्या 1/5 ने वाढतो, त्याच्या पगाराचा कोणता अंश तो वाचवेल?
5

- Ans
- ☒ 1. $\frac{7}{16}$
 - ☒ 2. $\frac{7}{15}$
 - ☒ 3. $\frac{8}{15}$
 - ☒ 4. $\frac{5}{14}$

Question ID : 54335318749
Option 1 ID : 54335375255
Option 2 ID : 54335375253
Option 3 ID : 54335375254
Option 4 ID : 54335375252

Q.1 6 एक कथन के बाद दो निष्कर्ष दिए गए हैं। यह तय करें कि दिए गए कथन में से कौन सा निष्कर्ष निश्चित रूप से निकाला जा सकता है।

कथन: आय बढ़ने के साथ-साथ लोगों के लिए कारें खरीदना संभव हो जाता है।

निष्कर्ष I: प्रौद्योगिकी के अधिक उपयोग के साथ, कारें अब पिछली पीढ़ी की तुलना में सस्ती हैं।

निष्कर्ष II: कारें इतनी अधिक हो जाएंगी कि भविष्य की कोई भी तकनीक ट्रैफिक समस्या का समाधान नहीं कर सकेगी।

Ans  1. न तो I और न ही II लागू होता है

 2. केवल निष्कर्ष I लागू होता है

 3. I और II दोनों लागू होता है

 4. केवल निष्कर्ष II लागू होता है

Question ID : 54335318794

Option 1 ID : 54335375434

Option 2 ID : 54335375432

Option 3 ID : 54335375435

Option 4 ID : 54335375433

Status : **Answered**

Chosen Option : 1

Q.1 7 Which of the following gases is a highly poisonous, odourless, tasteless and colourless gas?

Ans  1. Carbon monoxide

 2. Nitrogen dioxide

 3. Methane

 4. Carbon dioxide

Question ID : 54335318742

Option 1 ID : 54335375227

Option 2 ID : 54335375226

Option 3 ID : 54335375225

Option 4 ID : 54335375224

Status : **Answered**

Chosen Option : 2

Q.1 8 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. 10

 2. 16

 3. 14

 4. 12

Question ID : 54335318767

Option 1 ID : 54335375326

Option 2 ID : 54335375325

Option 3 ID : 54335375324

Q.1 प्रश्न में दिए गए वाक्य, जो ठीक से अनुक्रमित होने पर, एक सुसंगत पैराग्राफ बनाते हैं। प्रत्येक वाक्य को एक अक्षर के साथ लेबल किया गया है। एक सुसंगत पैराग्राफ के निर्माण के लिए दिए गए विकल्पों में से वाक्यों का सबसे तार्किक क्रम चुनें।

उनकी खिड़की के बाहर आकर्षक पत्तों के समूह के साथ एक बेल थी, लेकिन गर्मी बीतने के बाद जैसे-जैसे सर्दी पड़नी शुरू हुई पत्ते एक-एक करके गिरने लगे।

A - नीचे आकर जब बिस्तर पर पड़ी मुरझाई और बीमार जॉनसी ने अपनी खिड़की से बाहर देखा तो पत्ती अब भी वहीं

B - अंततः, एक आखिरी पत्ती बच गई। जॉनसी ने सू से कहा कि जब अंतिम पत्ती टूटेगी, उसके जीवन का भी अंत हो

C - लड़की ने जीने की अपनी इच्छा को फिर से जगाई और कुछ ही दिनों में पूरी तरह से ठीक हो गई।

D - लड़कियों की एक मित्र और चिंतित बुजुर्ग कलाकार ने यह कहानी सुनी, तो कड़कड़ाती सर्द रात में भी बाहर खिड़की पर चढ़ गई और उसी स्थान पर पत्ती की एक जीवंत तस्वीर बना दी जहां अंतिम पत्ती अभी-अभी गिरी ही थी।

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

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

- Ans
1. 80
2. 60
3. 40
4. 20

Q.2 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. 16 km/h
3. 20 km/h
4. 15 km/h

Question ID : 54335318757
Option 1 ID : 54335375285
Option 2 ID : 54335375284
Option 3 ID : 54335375286
Option 4 ID : 54335375287
Status : Answered
Chosen Option : 2

Q.2
2 Green and yellow vegetables in our diet mostly provide us which element as food?

- Ans
- ☒ 1. Sodium
 - ☒ 2. Copper
 - ☒ 3. Zinc
 - ☒ 4. Potassium

Question ID : 54335318741
Option 1 ID : 54335375223
Option 2 ID : 54335375220
Option 3 ID : 54335375222
Option 4 ID : 54335375221
Status : Answered
Chosen Option : 3

Q.2
3 Which team won the Indian Premier League (IPL) in 2018?

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

Question ID : 54335318701
Option 1 ID : 54335375063
Option 2 ID : 54335375060
Option 3 ID : 54335375062
Option 4 ID : 54335375061
Status : Answered
Chosen Option : 3

Q.2
4 Find the potential difference (in V) across a resistance of $2.5\text{ k}\Omega$ through which a 2 mA current flows.

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

Question ID : 54335318731
Option 1 ID : 54335375182
Option 2 ID : 54335375181
Option 3 ID : 54335375183
Option 4 ID : 54335375180
Status : Answered

Chosen Option : 3

Q.2 _____ is the physiological adjustment by an organism to environmental change.

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

Question ID : 54335318743

Option 1 ID : 54335375230

Option 2 ID : 54335375231

Option 3 ID : 54335375229

Option 4 ID : 54335375228

Status : Not Answered

Chosen Option : --

Q.2 Find x if the mean of the numbers 10, 4, 1, 15, 15, x, 12 and 14 is 10.

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

Question ID : 54335318765

Option 1 ID : 54335375318

Option 2 ID : 54335375316

Option 3 ID : 54335375319

Option 4 ID : 54335375317

Status : Answered

Chosen Option : 3

Q.2 If 36 J of work is done in moving a charge Q across 8 V, find Q (in coulombs).

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

Question ID : 54335318730

Option 1 ID : 54335375177

Option 2 ID : 54335375179

Option 3 ID : 54335375178

Option 4 ID : 54335375176

Status : Answered

Chosen Option : 2

Q.2 The Living Planet Report, released every two years, is the flagship publication of which organisation?

- Ans
- ☒ 1. Conservation International
 - ☒ 2. World Wide Fund for Nature

- ☒ 3. The Nature Conservancy
- ☒ 4. Wildlife Conservation Society

Question ID : 54335318696
Option 1 ID : 54335375043
Option 2 ID : 54335375042
Option 3 ID : 54335375040
Option 4 ID : 54335375041
Status : Not Answered
Chosen Option : --

Q.2
9 Binary 110110101 is equal to decimal _____.

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

Question ID : 54335318745
Option 1 ID : 54335375238
Option 2 ID : 54335375236
Option 3 ID : 54335375239
Option 4 ID : 54335375237
Status : Answered
Chosen Option : 1

Q.3
0 _____ is when we cover a surface with a pattern of flat shapes so that there are no overlaps or gaps.

- Ans ☒ 1. Tessellation
- ☒ 2. Tracking
- ☒ 3. Gradient
- ☒ 4. Kerning

Question ID : 54335318717
Option 1 ID : 54335375126
Option 2 ID : 54335375125
Option 3 ID : 54335375127
Option 4 ID : 54335375124
Status : Marked For Review
Chosen Option : 2

Q.3
1 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. 12
- ☒ 2. 20
- ☒ 3. 10
- ☒ 4. 25

Question ID : 54335318759
Option 1 ID : 54335375292
Option 2 ID : 54335375295

Option 3 ID : 54335375294
Option 4 ID : 54335375293
Status : Answered
Chosen Option : 2

Q.3 In the following question, which set of letters and numbers, when sequentially placed at the gaps in the given series,
2 shall complete it?
l_2x_bb_yy_cc_6zzz

- Ans
-  1. 3a45b
 -  2. 3a45c
 -  3. a345c
 -  4. 3a4b5

Question ID : 54335318772
Option 1 ID : 54335375345
Option 2 ID : 54335375344
Option 3 ID : 54335375347
Option 4 ID : 54335375346
Status : Answered
Chosen Option : 3

Q.3 The Umaid Bhawan Palace is in which city?
3

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

Question ID : 54335318702
Option 1 ID : 54335375067
Option 2 ID : 54335375065
Option 3 ID : 54335375066
Option 4 ID : 54335375064
Status : Not Answered
Chosen Option : --

Q.3 An object with greater _____ has greater inertia.
4

- Ans
-  1. volume
 -  2. velocity
 -  3. acceleration
 -  4. mass

Question ID : 54335318722
Option 1 ID : 54335375147
Option 2 ID : 54335375144
Option 3 ID : 54335375146
Option 4 ID : 54335375145
Status : Answered
Chosen Option : 4

5 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 west
 2. 8 km east
 3. 12 km east
 4. 12 km west

Question ID : 54335318787
Option 1 ID : 54335375404
Option 2 ID : 54335375405
Option 3 ID : 54335375407
Option 4 ID : 54335375406
Status : Answered
Chosen Option : 1

Q.3
6 Who invented the blue jeans?

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

Question ID : 54335318699
Option 1 ID : 54335375054
Option 2 ID : 54335375053
Option 3 ID : 54335375055
Option 4 ID : 54335375052
Status : Not Answered
Chosen Option : --

Q.3
7 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
 2. 469
 3. 500
 4. 312.5

Question ID : 54335318707
Option 1 ID : 54335375087
Option 2 ID : 54335375086
Option 3 ID : 54335375085
Option 4 ID : 54335375084
Status : Not Answered
Chosen Option : --

Q.3
8 Choose the letters which are different from the rest.

- Ans  1. HJL
 2. VTR
 3. UWY

 4. PRT

Question ID : 54335318785
Option 1 ID : 54335375396
Option 2 ID : 54335375399
Option 3 ID : 54335375398
Option 4 ID : 54335375397
Status : Answered
Chosen Option : 2

Q.3
9 A bullet travels 90 m in 0.2 seconds. Find its speed in km/hr.

- Ans  1. 1,620
 2. 125
 3. 162
 4. 1,250

Question ID : 54335318738
Option 1 ID : 54335375210
Option 2 ID : 54335375208
Option 3 ID : 54335375209
Option 4 ID : 54335375211
Status : Answered
Chosen Option : 1

Q.4
0 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. $50\text{ Jkg}^{-1}\text{K}^{-1}$
 2. 250 JK^{-1}
 3. 5 JK^{-1}
 4. $1.25\text{ Jkg}^{-1}\text{K}^{-1}$

Question ID : 54335318726
Option 1 ID : 54335375161
Option 2 ID : 54335375160
Option 3 ID : 54335375162
Option 4 ID : 54335375163
Status : Not Answered
Chosen Option : --

Q.4
1 $20 - 2[25\% \text{ of } (15 \times 8 \div 6 + 12)] = \underline{\hspace{2cm}}$

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

Question ID : 54335318747
Option 1 ID : 54335375246
Option 2 ID : 54335375244
Option 3 ID : 54335375245

Option 4 ID : 54335375247
Status : Answered
Chosen Option : 4

Q.4 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
2 quits. How many days A and C working together will take to complete the remainder of the task?

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

Question ID : 54335318756
Option 1 ID : 54335375283
Option 2 ID : 54335375280
Option 3 ID : 54335375281
Option 4 ID : 54335375282
Status : Answered
Chosen Option : 3

Q.4 Find mass of an iron cube of side 2 cm. (Density of iron is 7.8 gm/cm^3)
3

- Ans
- ☒ 1. 0.975 gm
 - ☒ 2. 15.6 gm
 - ☒ 3. 62.4 gm
 - ☒ 4. 3.9 gm

Question ID : 54335318710
Option 1 ID : 54335375096
Option 2 ID : 54335375099
Option 3 ID : 54335375097
Option 4 ID : 54335375098
Status : Answered
Chosen Option : 3

Q.4 Find the work done (in kJ) if a force of 750 N pushes a cart of mass 30 kg by 16 m.
4

- Ans
- ☒ 1. 12
 - ☒ 2. 48
 - ☒ 3. 24
 - ☒ 4. 36

Question ID : 54335318711
Option 1 ID : 54335375101
Option 2 ID : 54335375102
Option 3 ID : 54335375100
Option 4 ID : 54335375103
Status : Answered
Chosen Option : 1

Q.4
5

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. Both I and II are implicit
 - ☒ 3. Only assumption I is implicit
 - ☒ 4. Neither I nor II is implicit

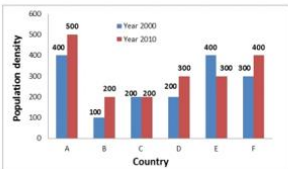
Question ID : 54335318788
Option 1 ID : 54335375409
Option 2 ID : 54335375411
Option 3 ID : 54335375408
Option 4 ID : 54335375410
Status : Answered
Chosen Option : 2

Q.4 To _____ is to prepare a storage medium, usually a disk, for reading and writing.

- Ans
- ☒ 1. map
 - ☒ 2. boot
 - ☒ 3. defrag
 - ☒ 4. format

Question ID : 54335318744
Option 1 ID : 54335375234
Option 2 ID : 54335375232
Option 3 ID : 54335375233
Option 4 ID : 54335375235
Status : Answered
Chosen Option : 2

Q.4 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. 500%
 - ☒ 2. 20%
 - ☒ 3. 400%
 - ☒ 4. 25%

Question ID : 54335318789
Option 1 ID : 54335375413

Option 2 ID : 54335375414
Option 3 ID : 54335375412
Option 4 ID : 54335375415
Status : **Not Answered**
Chosen Option : --

Q.4
8 If $\sqrt{X} + 0.24 = \sqrt{0.1296}$, then find X.

- Ans
- ☒ 1. 0.0012
 - ☒ 2. 0.12
 - ☒ 3. 1.44
 - ☒ 4. 0.0144

Question ID : 54335318766
Option 1 ID : 54335375322
Option 2 ID : 54335375321
Option 3 ID : 54335375320
Option 4 ID : 54335375323
Status : **Not Answered**
Chosen Option : --

Q.4
9 Two resistors of $R \Omega$ and 60Ω are connected in parallel to get an effective resistance of 24Ω . Find R.

- Ans
- ☒ 1. 64
 - ☒ 2. 40
 - ☒ 3. 56
 - ☒ 4. 48

Question ID : 54335318729
Option 1 ID : 54335375175
Option 2 ID : 54335375174
Option 3 ID : 54335375173
Option 4 ID : 54335375172
Status : **Answered**
Chosen Option : 2

Q.5
0 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. 25.00%
 - ☒ 2. 100.00%
 - ☒ 3. 62.50%
 - ☒ 4. 40.00%

Question ID : 54335318732
Option 1 ID : 54335375185
Option 2 ID : 54335375184
Option 3 ID : 54335375187
Option 4 ID : 54335375186
Status : **Answered**
Chosen Option : 4

Q.5
1 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. 18
 2. 8
 3. 9
 4. 36

Question ID : 54335318712
Option 1 ID : 54335375106
Option 2 ID : 54335375105
Option 3 ID : 54335375107
Option 4 ID : 54335375104
Status : Answered
Chosen Option : 4

Q.5 Classical musician Shivkumar Sharma is associated with which musical instrument?
2

- Ans  1. Santoor
 2. Shehnai
 3. Violin
 4. Tabla

Question ID : 54335318703
Option 1 ID : 54335375071
Option 2 ID : 54335375069
Option 3 ID : 54335375070
Option 4 ID : 54335375068
Status : Not Answered
Chosen Option : --

Q.5 -100° Celsius = _____ Fahrenheit
3

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

Question ID : 54335318739
Option 1 ID : 54335375215
Option 2 ID : 54335375212
Option 3 ID : 54335375213
Option 4 ID : 54335375214
Status : Answered
Chosen Option : 2

Q.5 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 $g = 10 \text{ m/s}^2$)
4

- Ans  1. 500
 2. 50
 3. 250
 4. 25

Question ID : 54335318705

Option 1 ID : 54335375079
Option 2 ID : 54335375076
Option 3 ID : 54335375077
Option 4 ID : 54335375078
Status : Answered
Chosen Option : 1

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

- Ans
- ☒ 1. 5
 - ☒ 2. 19
 - ☒ 3. 53
 - ☒ 4. 27

Question ID : 54335318762
Option 1 ID : 54335375307
Option 2 ID : 54335375306
Option 3 ID : 54335375305
Option 4 ID : 54335375304
Status : Not Answered
Chosen Option : --

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

unacri means lighthouse

bancri means lightweight

banetu means overweight

Which word would mean 'overdrive'?

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

Question ID : 54335318775
Option 1 ID : 54335375358
Option 2 ID : 54335375356
Option 3 ID : 54335375359
Option 4 ID : 54335375357
Status : Answered
Chosen Option : 1

Q.5
7 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. 23
 - ☒ 2. 50
 - ☒ 3. 37
 - ☒ 4. 16

Question ID : 54335318776
Option 1 ID : 54335375361

Option 2 ID : 54335375363
Option 3 ID : 54335375362
Option 4 ID : 54335375360
Status : Answered
Chosen Option : 3

Q.5
8 What is the diameter (in cm) of a sphere of surface area 1386 cm^2 ?

- Ans
- ☒ 1. 14
 - ☒ 2. 21
 - ☒ 3. 24.5
 - ☒ 4. 10.5

Question ID : 54335318754
Option 1 ID : 54335375274
Option 2 ID : 54335375272
Option 3 ID : 54335375275
Option 4 ID : 54335375273
Status : Not Answered
Chosen Option : --

Q.5
9 Farad per metre is the unit of _____.

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

Question ID : 54335318721
Option 1 ID : 54335375141
Option 2 ID : 54335375143
Option 3 ID : 54335375140
Option 4 ID : 54335375142
Status : Answered
Chosen Option : 3

Q.6
0 _____ वक्र को परिभाषित करने के लिए कम से कम तीन बिंदुओं का प्रयोग किया जाता है। वक्र के दो अंतिम बिंदुओं को एंकर पॉइंट कहा जाता है। अन्य बिंदु, जो वक्र की आकृति को परिभाषित करते हैं, उन्हें हैंडल, स्पशरेखीय बिंदु (टैजेंट पॉइंट्स) या नोड्स कहा जाता है।

- Ans
- ☒ 1. बेज़ियर
 - ☒ 2. डेल्टॉयड
 - ☒ 3. कापा
 - ☒ 4. बाईकॉर्न

Question ID : 54335318718
Option 1 ID : 54335375131
Option 2 ID : 54335375129
Option 3 ID : 54335375130
Option 4 ID : 54335375128
Status : Not Answered
Chosen Option : --

Q.6 Which of the following is the correct relation between resistance 'R', conductivity ' σ ', length 'L' and area of cross section
1 'A' of a metal wire?

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

Question ID : 54335318708
Option 1 ID : 54335375091
Option 2 ID : 54335375088
Option 3 ID : 54335375089
Option 4 ID : 54335375090
Status : Answered
Chosen Option : 3

Q.6 210 mm x 297 mm are the dimensions of _____ size paper.

- Ans  1. A2
 2. A1
 3. A3
 4. A4

Question ID : 54335318706
Option 1 ID : 54335375081
Option 2 ID : 54335375082
Option 3 ID : 54335375080
Option 4 ID : 54335375083
Status : Answered
Chosen Option : 4

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

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

Question ID : 54335318761
Option 1 ID : 54335375302
Option 2 ID : 54335375300
Option 3 ID : 54335375303
Option 4 ID : 54335375301
Status : Not Answered
Chosen Option : --

Q.6 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 father of A

✓ 4. B is the grandson of A

Question ID : 54335318779

Option 1 ID : 54335375373

Option 2 ID : 54335375375

Option 3 ID : 54335375374

Option 4 ID : 54335375372

Status : Answered

Chosen Option : 4

Q.6 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. 48

✗ 3. 36

✗ 4. 45

Question ID : 54335318716

Option 1 ID : 54335375122

Option 2 ID : 54335375120

Option 3 ID : 54335375121

Option 4 ID : 54335375123

Status : Not Answered

Chosen Option : --

Q.6 What is the area (in cm^2) of an equilateral triangle of side 8 cm?

Ans ✗ 1. $32\sqrt{3}$

✗ 2. $8\sqrt{3}$

✗ 3. $64\sqrt{3}$

✓ 4. $16\sqrt{3}$

Question ID : 54335318753

Option 1 ID : 54335375270

Option 2 ID : 54335375268

Option 3 ID : 54335375271

Option 4 ID : 54335375269

Status : Answered

Chosen Option : 3

Q.6 अडीच वाजता, तास आणि मिनिट हात यांमधिल कोन किती आहे?

Ans ✓ 1. 105°

✗ 2. 120°

✗ 3. 75°

✗ 4. 90°

Question ID : 54335318768

Option 1 ID : 54335375329

Option 2 ID : 54335375331
Option 3 ID : 54335375328
Option 4 ID : 54335375330
Status : Answered
Chosen Option : 2

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

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

Question ID : 54335318751
Option 1 ID : 54335375261
Option 2 ID : 54335375260
Option 3 ID : 54335375263
Option 4 ID : 54335375262
Status : Answered
Chosen Option : 1

Q.6
9 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 : 54335318769
Option 1 ID : 54335375332
Option 2 ID : 54335375335
Option 3 ID : 54335375333
Option 4 ID : 54335375334
Status : Answered
Chosen Option : 4

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

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

Question ID : 54335318777
Option 1 ID : 54335375365
Option 2 ID : 54335375367
Option 3 ID : 54335375366
Option 4 ID : 54335375364
Status : Answered
Chosen Option : 1

Q.7
1 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. 2.5
 2. 1.5
 3. 1
 4. 2

Question ID : 54335318737
Option 1 ID : 54335375207
Option 2 ID : 54335375206
Option 3 ID : 54335375204
Option 4 ID : 54335375205
Status : Answered
Chosen Option : 1

Q.7 Find the highest common factor of 506 and 782.

- 2
Ans  1. 22
 2. 46
 3. 29
 4. 34

Question ID : 54335318750
Option 1 ID : 54335375256
Option 2 ID : 54335375257
Option 3 ID : 54335375259
Option 4 ID : 54335375258
Status : Not Answered
Chosen Option : --

Q.7 A _____ map converts colour intensity or grayscale information to heights to give the appearance that features are raised above the surface, like embossed letters.

- 3
Ans  1. bump
 2. shade
 3. tint
 4. tone

Question ID : 54335318719
Option 1 ID : 54335375134
Option 2 ID : 54335375132
Option 3 ID : 54335375133
Option 4 ID : 54335375135
Status : Not Answered
Chosen Option : --

Q.7 What is the relative density of a solid of mass 50 gm which when fully immersed in water weighs 10 gm?

- 4
Ans  1. 5
 2. 1.25
 3. 0.8
 4. 2.5

Question ID : 54335318733

Option 1 ID : 54335375189
Option 2 ID : 54335375188
Option 3 ID : 54335375190
Option 4 ID : 54335375191
Status : Answered
Chosen Option : 1

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

5 -1.3, -0.8, -0.3, ? , 0.7, 1.2

- Ans
- ☒ 1. 0.4
 - ☒ 2. 0.1
 - ☒ 3. 0.3
 - ☒ 4. 0.2

Question ID : 54335318773
Option 1 ID : 54335375350
Option 2 ID : 54335375351
Option 3 ID : 54335375348
Option 4 ID : 54335375349
Status : Answered
Chosen Option : 4

Q.7 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
6 bags to make 16.4% overall profit on selling the 60 bags?

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

Question ID : 54335318760
Option 1 ID : 54335375298
Option 2 ID : 54335375297
Option 3 ID : 54335375299
Option 4 ID : 54335375296
Status : Not Answered
Chosen Option : --

Q.7 Acceleration due to gravity on moon is 1/6th that on earth. How much would an astronaut weigh on moon if he weighs
7 90 kgf on earth? (acceleration due to gravity on earth = 10m/s^2)

- Ans
- ☒ 1. 9 N
 - ☒ 2. 150 N
 - ☒ 3. 90 N
 - ☒ 4. 15 N

Question ID : 54335318715
Option 1 ID : 54335375119
Option 2 ID : 54335375118
Option 3 ID : 54335375116
Option 4 ID : 54335375117
Status : Not Answered
Chosen Option : --

Q.7
8 Choose the one which is different from the rest.

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

Question ID : 54335318786
Option 1 ID : 54335375401
Option 2 ID : 54335375403
Option 3 ID : 54335375400
Option 4 ID : 54335375402
Status : Answered
Chosen Option : 2

Q.7
9 The author of 'The Monk Who Sold His Ferrari' is _____.

- Ans ☒ 1. Arundhati Roy
☒ 2. Robin Sharma
☒ 3. Manohar Malgonkar
☒ 4. Arvind Adiga

Question ID : 54335318700
Option 1 ID : 54335375057
Option 2 ID : 54335375059
Option 3 ID : 54335375056
Option 4 ID : 54335375058
Status : Answered
Chosen Option : 2

Q.8
0 $(0.1^2 - 0.025^2) \div (0.1 - 0.025) =$ _____.

- Ans ☒ 1. 0.25
☒ 2. 0.325
☒ 3. 0.125
☒ 4. 0.625

Question ID : 54335318748
Option 1 ID : 54335375248
Option 2 ID : 54335375251
Option 3 ID : 54335375249
Option 4 ID : 54335375250
Status : Not Answered
Chosen Option : --

Q.8
1 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?

- Ans ☒ 1. P is the brother of S
☒ 2. P is the father of S
☒ 3. P is the son of S

 4. P is the brother-in-law of S

Question ID : 54335318778

Option 1 ID : 54335375369

Option 2 ID : 54335375371

Option 3 ID : 54335375368

Option 4 ID : 54335375370

Status : Answered

Chosen Option : 2

Q.8
2 Which of the following is an example of a first class lever?

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

Question ID : 54335318740

Option 1 ID : 54335375218

Option 2 ID : 54335375217

Option 3 ID : 54335375216

Option 4 ID : 54335375219

Status : Answered

Chosen Option : 2

Q.8
3 उस विकल्प का चयन करें जो तीसरे शब्द से उसी प्रकार संबंधित है जिस प्रकार दूसरा शब्द पहले शब्द से संबंधित है।
पत्र : लिफाफा :: खंजर : ?

- Ans  1. तलवार
-  2. धारदार
-  3. हथियार
-  4. मयान

Question ID : 54335318770

Option 1 ID : 54335375338

Option 2 ID : 54335375339

Option 3 ID : 54335375337

Option 4 ID : 54335375336

Status : Answered

Chosen Option : 4

Q.8
4 An arrowhead at the end of a dimension line is approximately _____ long and 1 mm wide.

- Ans  1. 5 mm
-  2. 3 mm
-  3. 1.5 mm
-  4. 1 mm

Question ID : 54335318709

Option 1 ID : 54335375095

Option 2 ID : 54335375094

Option 3 ID : 54335375092

Option 4 ID : 54335375093

Q.8
5 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. ZXY
 2. XZY
 3. YXZ
 4. ZYX

Question ID : 54335318791
Option 1 ID : 54335375420
Option 2 ID : 54335375422
Option 3 ID : 54335375423
Option 4 ID : 54335375421
Status : **Not Answered**
Chosen Option : --

Q.8
6 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. 10%
 2. 12%
 3. 8%
 4. 15%

Question ID : 54335318758
Option 1 ID : 54335375288
Option 2 ID : 54335375289
Option 3 ID : 54335375290
Option 4 ID : 54335375291
Status : **Not Answered**
Chosen Option : --

Q.8
7 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 °C) if no heat is lost.

- Ans  1. 20
 2. 30
 3. 40
 4. 50

Question ID : 54335318735
Option 1 ID : 54335375196
Option 2 ID : 54335375197
Option 3 ID : 54335375198
Option 4 ID : 54335375199

Q.8 Which of the following recipients of the Dadasaheb Phalke Award received it posthumously?

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

Question ID : 54335318698

Option 1 ID : 54335375049

Option 2 ID : 54335375051

Option 3 ID : 54335375050

Option 4 ID : 54335375048

Status : Answered

Chosen Option : 3

Q.8 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. All conclusions I, II and III follow
2. Only conclusion I follows
3. Only conclusion III follows
4. Only conclusion I and III follow

Question ID : 54335318783

Option 1 ID : 54335375391

Option 2 ID : 54335375388

Option 3 ID : 54335375389

Option 4 ID : 54335375390

Status : Not Answered

Chosen Option : --

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

- Ans
1.

N	H	Z
C	F	D
A	E	Q
2.

H	D	N
F	O	Z
C	E	A

3.

A	C	Q
Z	D	E
N	F	H

4.

Z	C	H
F	A	N
Q	D	E

Question ID : 54335318784

Option 1 ID : 54335375395

Option 2 ID : 54335375394

Option 3 ID : 54335375392

Option 4 ID : 54335375393

Status : Not Answered

Chosen Option : --

Q.9

1

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

- Ans
1. 100011100
2. 100000110
3. 11110000
4. 11010100

Question ID : 54335318746

Option 1 ID : 54335375243

Option 2 ID : 54335375242

Option 3 ID : 54335375241

Option 4 ID : 54335375240

Status : Not Answered

Chosen Option : --

Q.9

2

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

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

Question ID : 54335318697

Option 1 ID : 54335375045

Option 2 ID : 54335375046

Option 3 ID : 54335375047

Option 4 ID : 54335375044

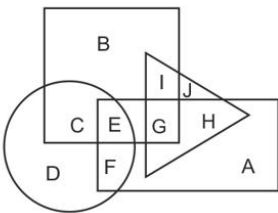
Status : Not Answered

Chosen Option : --

Q.9

3

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. CEF
☒ 2. E
☒ 3. IGH
☒ 4. G

Question ID : 54335318780
Option 1 ID : 54335375379
Option 2 ID : 54335375376
Option 3 ID : 54335375377
Option 4 ID : 54335375378
Status : Not Answered
Chosen Option : --

Q.9 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. Neither I nor II follows
☒ 3. Only conclusion II follows
☒ 4. Only conclusion I follows

Question ID : 54335318782
Option 1 ID : 54335375386
Option 2 ID : 54335375387
Option 3 ID : 54335375385
Option 4 ID : 54335375384
Status : Not Answered
Chosen Option : --

Q.9 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. 1/8
☒ 2. 1/6
☒ 3. 1/15
☒ 4. 1/12

Question ID : 54335318734

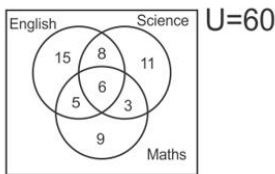
Option 1 ID : 54335375193
Option 2 ID : 54335375194
Option 3 ID : 54335375195
Option 4 ID : 54335375192
Status : Not Answered
Chosen Option : --

Q.9 Which of the following folk dances is from Assam?

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

Question ID : 54335318704
Option 1 ID : 54335375073
Option 2 ID : 54335375075
Option 3 ID : 54335375074
Option 4 ID : 54335375072
Status : Not Answered
Chosen Option : --

Q.9 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. 9
☐ 2. 6
☐ 3. 12
☒ 4. 3

Question ID : 54335318781
Option 1 ID : 54335375382
Option 2 ID : 54335375381
Option 3 ID : 54335375383
Option 4 ID : 54335375380
Status : Not Answered
Chosen Option : --

Q.9 A/An _____ is software used to maintain the security of a private network.

- Ans ☐ 1. malware
☐ 2. encryption
☐ 3. clickbait
☒ 4. firewall

Question ID : 54335318714
Option 1 ID : 54335375115

Option 2 ID : 54335375113
Option 3 ID : 54335375112
Option 4 ID : 54335375114
Status : **Not Answered**
Chosen Option : --

Q.9 Find the co-ordinates of the midpoint of the segment joining the points $(-4,7)$ and $(2,3)$.

- Ans
- ☒ 1. $(2,4)$
 - ☒ 2. $(-1,5)$
 - ☒ 3. $(-2,3)$
 - ☒ 4. $(1,-5)$

Question ID : 54335318763
Option 1 ID : 54335375308
Option 2 ID : 54335375310
Option 3 ID : 54335375309
Option 4 ID : 54335375311
Status : **Not Answered**
Chosen Option : --

Q.1 Find the specific heat capacity (in $\text{Jg}^{-1}\text{K}^{-1}$) 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. 0.25
 - ☒ 3. 1.56
 - ☒ 4. 0.4

Question ID : 54335318727
Option 1 ID : 54335375165
Option 2 ID : 54335375167
Option 3 ID : 54335375164
Option 4 ID : 54335375166
Status : **Not Answered**
Chosen Option : --

Section : Instrument Mechanic

Q.1 For resistance measurement, a meter contains _____.

- Ans
- ☒ 1. low voltage source
 - ☒ 2. high current source
 - ☒ 3. medium current source
 - ☒ 4. low current source

Question ID : 54335318822
Option 1 ID : 54335375547
Option 2 ID : 54335375544
Option 3 ID : 54335375546
Option 4 ID : 54335375545

Status : **Answered**
Chosen Option : **4**

Q.2 Armature winding is mounted on a _____.

- Ans
- ☐ 1. platform
 - ☐ 2. wooden base
 - ☐ 3. stator
 - ☒ 4. rotor

Question ID : **54335318826**
Option 1 ID : **54335375563**
Option 2 ID : **54335375562**
Option 3 ID : **54335375560**
Option 4 ID : **54335375561**
Status : **Answered**
Chosen Option : **2**

Q.3 Vacuum thermo-elements types of instruments are mostly employed for the measurement of electric current at _____.

- Ans
- ☐ 1. medium frequency
 - ☐ 2. normal frequency
 - ☒ 3. very high frequency
 - ☐ 4. very low frequency

Question ID : **54335318823**
Option 1 ID : **54335375551**
Option 2 ID : **54335375548**
Option 3 ID : **54335375550**
Option 4 ID : **54335375549**
Status : **Not Answered**
Chosen Option : **--**

Q.4 If one wants to divert from main line to a two-direction use, then which of these has to be used?

- Ans
- ☐ 1. Bend
 - ☐ 2. Union
 - ☐ 3. Elbow
 - ☒ 4. T

Question ID : **54335318844**
Option 1 ID : **54335375635**
Option 2 ID : **54335375634**
Option 3 ID : **54335375633**
Option 4 ID : **54335375632**
Status : **Answered**
Chosen Option : **4**

Q.5 The fundamental unit which is common in FPS and MKS systems is _____.

- Ans
- ☐ 1. Foot
 - ☐ 2. Pound

☒ 3. Kilogram

☒ 4. Second

Question ID : 54335318864

Option 1 ID : 54335375714

Option 2 ID : 54335375712

Option 3 ID : 54335375715

Option 4 ID : 54335375713

Status : Answered

Chosen Option : 4

Q.6 What will be the effect if a refrigeration cycle contains moisture?

Ans ☒ 1. Capillary may choke

☒ 2. Compressor will switch off

☒ 3. Fan will switch off

☒ 4. Thermostat will switch off

Question ID : 54335318840

Option 1 ID : 54335375616

Option 2 ID : 54335375617

Option 3 ID : 54335375618

Option 4 ID : 54335375619

Status : Answered

Chosen Option : 4

Q.7 Bourdon tube can be used for measurements of pressure up to _____.

Ans ☒ 1. 10 MN / m²

☒ 2. 5 MN / m²

☒ 3. 3 MN / m²

☒ 4. 8 MN / m²

Question ID : 54335318800

Option 1 ID : 54335375456

Option 2 ID : 54335375457

Option 3 ID : 54335375459

Option 4 ID : 54335375458

Status : Not Answered

Chosen Option : --

Q.8 What is the difference of DC voltages in adjoining brushes?

Ans ☒ 1. 10 V

☒ 2. 15 V

☒ 3. 0 V

☒ 4. 12 V

Question ID : 54335318827

Option 1 ID : 54335375564

Option 2 ID : 54335375566

Option 3 ID : 54335375565
Option 4 ID : 54335375567
Status : **Not Answered**
Chosen Option : --

Q.9 Which method is employed to connect batteries?

- Ans
- ☒ 1. parallel
 - ☒ 2. Direct
 - ☒ 3. Series
 - ☒ 4. reverse

Question ID : 54335318857
Option 1 ID : 54335375685
Option 2 ID : 54335375686
Option 3 ID : 54335375684
Option 4 ID : 54335375687
Status : **Answered**
Chosen Option : 1

Q.1
0 What does a Multimeter measure?

- Ans
- ☒ 1. Pressure
 - ☒ 2. Current
 - ☒ 3. Temperature
 - ☒ 4. Force

Question ID : 54335318811
Option 1 ID : 54335375501
Option 2 ID : 54335375503
Option 3 ID : 54335375500
Option 4 ID : 54335375502
Status : **Answered**
Chosen Option : 2

Q.1
1 What is the full form of SVGA?

- Ans
- ☒ 1. Standard Visual Graphics Array
 - ☒ 2. Stereo Video Graphy Array
 - ☒ 3. Super Video Graphics Array
 - ☒ 4. Standard Video Graphics Amplifier

Question ID : 54335318804
Option 1 ID : 54335375474
Option 2 ID : 54335375475
Option 3 ID : 54335375472
Option 4 ID : 54335375473
Status : **Answered**
Chosen Option : 1

Q.1
2 Supply voltage in an energy meter _____.

- Ans ☐ 1. is always zero
- ☒ 2. is always constant
- ☐ 3. depends on the load
- ☐ 4. can fluctuate

Question ID : 54335318819
Option 1 ID : 54335375533
Option 2 ID : 54335375532
Option 3 ID : 54335375534
Option 4 ID : 54335375535
Status : Not Answered
Chosen Option : --

Q.1
3 What is the atmospheric pressure at sea level?

- Ans ☐ 1. 23 psi
- ☐ 2. 18.75 psi
- ☒ 3. 14.70 psi
- ☐ 4. 21.70 psi

Question ID : 54335318869
Option 1 ID : 54335375735
Option 2 ID : 54335375733
Option 3 ID : 54335375732
Option 4 ID : 54335375734
Status : Not Answered
Chosen Option : --

Q.1
4 How many strain gauges are required for measuring deformation?

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

Question ID : 54335318867
Option 1 ID : 54335375726
Option 2 ID : 54335375725
Option 3 ID : 54335375727
Option 4 ID : 54335375724
Status : Answered
Chosen Option : 2

Q.1
5 The receiver tank will help remove water from the system by giving _____.

- Ans ☒ 1. the air a chance to become cool
- ☐ 2. the air a chance to become moisture
- ☐ 3. the air a chance to convert into vapour
- ☐ 4. the air a chance to become hot

Question ID : 54335318843
Option 1 ID : 54335375629
Option 2 ID : 54335375631
Option 3 ID : 54335375630
Option 4 ID : 54335375628
Status : Answered
Chosen Option : 2

Q.1
6 Generator transformers are _____ transformers.

- Ans ☒ 1. Step-up
☒ 2. Step-down
☒ 3. One-one
☒ 4. Auto

Question ID : 54335318836
Option 1 ID : 54335375600
Option 2 ID : 54335375601
Option 3 ID : 54335375603
Option 4 ID : 54335375602
Status : Answered
Chosen Option : 1

Q.1
7 The device used to measure potential difference between two points in volts is known as _____.

- Ans ☒ 1. Voltmeter
☒ 2. Ammeter
☒ 3. Ohmmeter
☒ 4. Energy metre

Question ID : 54335318814
Option 1 ID : 54335375514
Option 2 ID : 54335375513
Option 3 ID : 54335375512
Option 4 ID : 54335375515
Status : Answered
Chosen Option : 1

Q.1
8 Which of the following cutting conditions greatly affects the tool wear?

- Ans ☒ 1. Frequency of use
☒ 2. Depth of cut
☒ 3. Feed
☒ 4. Cutting speed

Question ID : 54335318795
Option 1 ID : 54335375439
Option 2 ID : 54335375438
Option 3 ID : 54335375437
Option 4 ID : 54335375436
Status : Answered

Chosen Option : 3

Q.1
9 Digital voltmeters can be used to measure _____.

- Ans
- ☒ 1. voltage and pressure
 - ☐ 2. force
 - ☐ 3. current
 - ☐ 4. resistance

Question ID : 54335318815

Option 1 ID : 54335375519

Option 2 ID : 54335375516

Option 3 ID : 54335375517

Option 4 ID : 54335375518

Status : Answered

Chosen Option : 1

Q.2
0 Where is a field magnet coil fitted in DC generator?

- Ans
- ☐ 1. In the rotor
 - ☐ 2. On the shaft
 - ☐ 3. On the back cover
 - ☒ 4. In the body

Question ID : 54335318825

Option 1 ID : 54335375557

Option 2 ID : 54335375558

Option 3 ID : 54335375559

Option 4 ID : 54335375556

Status : Answered

Chosen Option : 3

Q.2
1 Resistivity of the wire depends on mainly _____

- Ans
- ☐ 1. number of wires
 - ☒ 2. Material
 - ☐ 3. Diameter of the wire
 - ☐ 4. Length of the wire

Question ID : 54335318851

Option 1 ID : 54335375663

Option 2 ID : 54335375660

Option 3 ID : 54335375661

Option 4 ID : 54335375662

Status : Answered

Chosen Option : 2

Q.2
2 How many types of Phase Sequence Indicators are there?

- Ans
- ☐ 1. 1
 - ☒ 2. 2

- ☒ 3. 5
- ☒ 4. 10

Question ID : 54335318821
Option 1 ID : 54335375541
Option 2 ID : 54335375540
Option 3 ID : 54335375542
Option 4 ID : 54335375543
Status : Not Answered
Chosen Option : --

Q.2
3 What instrument is used for visually indicating the pressure level?

- Ans
- ☒ 1. Manometer
 - ☒ 2. Diaphragm sensor
 - ☒ 3. Bourdon tube
 - ☒ 4. Resonant wire device

Question ID : 54335318863
Option 1 ID : 54335375708
Option 2 ID : 54335375709
Option 3 ID : 54335375710
Option 4 ID : 54335375711
Status : Answered
Chosen Option : 1

Q.2
4 What happens if a kink develops during pipe bending?

- Ans
- ☒ 1. Finishing gets effected
 - ☒ 2. Joining problem occurs
 - ☒ 3. Pressure drop of fluid is more
 - ☒ 4. Pressure drop of fluid is less

Question ID : 54335318808
Option 1 ID : 54335375490
Option 2 ID : 54335375491
Option 3 ID : 54335375488
Option 4 ID : 54335375489
Status : Answered
Chosen Option : 3

Q.2
5 Why is straightening of copper tube needed?

- Ans
- ☒ 1. To increase the fluid pressure
 - ☒ 2. To avoid corrosion
 - ☒ 3. To decrease the fluid pressure
 - ☒ 4. To make the outer look good

Question ID : 54335318807
Option 1 ID : 54335375486

Option 2 ID : 54335375484
Option 3 ID : 54335375487
Option 4 ID : 54335375485
Status : Answered
Chosen Option : 1

Q.2
6 Equalizer ring is required in case of armature having which of the following winding?

- Ans ☒ 1. Lap
☒ 2. Delta
☒ 3. Wave
☒ 4. Duplex

Question ID : 54335318865
Option 1 ID : 54335375717
Option 2 ID : 54335375718
Option 3 ID : 54335375716
Option 4 ID : 54335375719
Status : Not Answered
Chosen Option : --

Q.2
7 Which of the following material is used for negative pole of a dry cell?

- Ans ☒ 1. silicon
☒ 2. Aluminium
☒ 3. Zinc
☒ 4. Lead

Question ID : 54335318855
Option 1 ID : 54335375679
Option 2 ID : 54335375677
Option 3 ID : 54335375676
Option 4 ID : 54335375678
Status : Answered
Chosen Option : 4

Q.2
8 A dynamometer type wattmeter consists of _____.

- Ans ☒ 1. no coils
☒ 2. electric coil
☒ 3. potential and current coils
☒ 4. moving coil

Question ID : 54335318818
Option 1 ID : 54335375529
Option 2 ID : 54335375528
Option 3 ID : 54335375530
Option 4 ID : 54335375531
Status : Answered
Chosen Option : 2

9 Ratchet of outside micrometre is used to _____.

- Ans
- ☐ 1. indicate the correct measurement achieved
 - ☐ 2. lock the frame
 - ☐ 3. lock the hub
 - ☒ 4. lock the spindle

Question ID : 54335318799
Option 1 ID : 54335375452
Option 2 ID : 54335375455
Option 3 ID : 54335375454
Option 4 ID : 54335375453
Status : Answered
Chosen Option : 1

Q.3
0 Law of conservation of Energy is the basis for _____ law.

- Ans
- ☐ 1. Ohms
 - ☐ 2. Faradays
 - ☒ 3. Kirchhoff
 - ☐ 4. Fleming

Question ID : 54335318852
Option 1 ID : 54335375667
Option 2 ID : 54335375664
Option 3 ID : 54335375665
Option 4 ID : 54335375666
Status : Answered
Chosen Option : 2

Q.3
1 Which hand tool is used to remove spots for obtaining high degree of accuracy?

- Ans
- ☐ 1. File
 - ☐ 2. Scraper
 - ☒ 3. Chisel
 - ☐ 4. Hacksaw

Question ID : 54335318862
Option 1 ID : 54335375707
Option 2 ID : 54335375706
Option 3 ID : 54335375705
Option 4 ID : 54335375704
Status : Answered
Chosen Option : 1

Q.3
2 Energy source is NOT available in the _____.

- Ans
- ☐ 1. battery
 - ☐ 2. generator
 - ☒ 3. rheostat

 4. multimeter

Question ID : 54335318812
Option 1 ID : 54335375505
Option 2 ID : 54335375507
Option 3 ID : 54335375504
Option 4 ID : 54335375506
Status : Answered
Chosen Option : 3

Q.3
3 What is the meaning of $m8 \times 1.25$?

- Ans
-  1. Modern thread with 1.25 mm pitch
 -  2. Master thread with 1.25 mm pitch
 -  3. Malaysia thread with 1.25 mm pitch
 -  4. Metric thread with 1.25 mm pitch

Question ID : 54335318805
Option 1 ID : 54335375478
Option 2 ID : 54335375479
Option 3 ID : 54335375476
Option 4 ID : 54335375477
Status : Answered
Chosen Option : 2

Q.3
4 Root of the thread is _____.

- Ans
-  1. the smallest diameter of a screw thread
 -  2. the largest diameter of a screw thread
 -  3. the bottom of the thread groove
 -  4. between crest and the root of the thread

Question ID : 54335318803
Option 1 ID : 54335375469
Option 2 ID : 54335375470
Option 3 ID : 54335375468
Option 4 ID : 54335375471
Status : Answered
Chosen Option : 3

Q.3
5 Which type of pencil drier adsorbs moisture?

- Ans
-  1. Silica gel containing drier
 -  2. Metal net containing drier
 -  3. Molecular sieve containing drier
 -  4. Alumina containing drier

Question ID : 54335318841
Option 1 ID : 54335375620
Option 2 ID : 54335375623

Option 3 ID : 54335375621
Option 4 ID : 54335375622
Status : Answered
Chosen Option : 2

Q.3
6 A crystal diode has _____.

- Ans
- ☐ 1. two p-n junctions
 - ☐ 2. three p-n junctions
 - ☐ 3. four p-n junctions
 - ☒ 4. one p-n junction

Question ID : 54335318828
Option 1 ID : 54335375569
Option 2 ID : 54335375570
Option 3 ID : 54335375571
Option 4 ID : 54335375568
Status : Answered
Chosen Option : 1

Q.3
7 If input frequency is 50 Hz, then the ripple frequency of half wave rectifier will be equal to _____.

- Ans
- ☐ 1. 25 Hz
 - ☐ 2. 50 Hz
 - ☒ 3. 100 Hz
 - ☐ 4. 500 Hz

Question ID : 54335318834
Option 1 ID : 54335375595
Option 2 ID : 54335375592
Option 3 ID : 54335375593
Option 4 ID : 54335375594
Status : Answered
Chosen Option : 2

Q.3
8 A Zener diode is used as _____.

- Ans
- ☐ 1. an amplifier
 - ☐ 2. a multi-vibrator
 - ☐ 3. a rectifier
 - ☒ 4. a voltage regulator

Question ID : 54335318829
Option 1 ID : 54335375572
Option 2 ID : 54335375575
Option 3 ID : 54335375574
Option 4 ID : 54335375573
Status : Answered
Chosen Option : 3

Q.3
9 Crystal oscillators are best suitable for the use in _____.

- Ans ☒ 1. timing elements
- ☐ 2. movement elements
- ☐ 3. speed elements
- ☐ 4. temperature elements

Question ID : 54335318868
Option 1 ID : 54335375731
Option 2 ID : 54335375729
Option 3 ID : 54335375730
Option 4 ID : 54335375728
Status : Answered
Chosen Option : 2

Q.4
0 How can the air quality condition of a place be improved?

- Ans ☐ 1. By adding air
- ☐ 2. By using a de-humidifier
- ☒ 3. By filtration of air
- ☐ 4. By adding moisture to the air

Question ID : 54335318837
Option 1 ID : 54335375604
Option 2 ID : 54335375607
Option 3 ID : 54335375605
Option 4 ID : 54335375606
Status : Answered
Chosen Option : 3

Q.4
1 Which of the following is not a type of pressure sensing element?

- Ans ☒ 1. Orifice plate
- ☐ 2. Bourdon tube
- ☐ 3. Diaphragm
- ☐ 4. Bellows

Question ID : 54335318798
Option 1 ID : 54335375450
Option 2 ID : 54335375449
Option 3 ID : 54335375448
Option 4 ID : 54335375451
Status : Answered
Chosen Option : 4

Q.4
2 How is the moisture content of 'condition space' improved?

- Ans ☐ 1. By removing dry air
- ☐ 2. By isolating unit
- ☐ 3. By adding dry air

✓ 4. By adding moisture

Question ID : 54335318838
Option 1 ID : 54335375609
Option 2 ID : 54335375611
Option 3 ID : 54335375608
Option 4 ID : 54335375610
Status : Answered
Chosen Option : 1

Q.4
3 If Power = 100 watt and Resistance = 4 ohms, then Current (I) = _____?

- Ans
- ✗ 1. 10 A
 - ✗ 2. 100 A
 - ✗ 3. 2 A
 - ✓ 4. 5 A

Question ID : 54335318831
Option 1 ID : 54335375581
Option 2 ID : 54335375580
Option 3 ID : 54335375583
Option 4 ID : 54335375582
Status : Answered
Chosen Option : 4

Q.4
4 What cannot be measured using a CRO device?

- Ans
- ✗ 1. voltage ripple
 - ✓ 2. resistance
 - ✗ 3. current
 - ✗ 4. voltage

Question ID : 54335318849
Option 1 ID : 54335375655
Option 2 ID : 54335375654
Option 3 ID : 54335375653
Option 4 ID : 54335375652
Status : Answered
Chosen Option : 2

Q.4
5 The AC power of output signal is obtained by _____ of amplifier.

- Ans
- ✗ 1. AC biasing voltage
 - ✓ 2. DC biasing voltage
 - ✗ 3. input AC voltage
 - ✗ 4. Input DC voltage

Question ID : 54335318796
Option 1 ID : 54335375443
Option 2 ID : 54335375440
Option 3 ID : 54335375442

Option 4 ID : 54335375441
Status : Answered
Chosen Option : 3

Q.4
6 Transformer utilization factor of a half wave rectifier is equal to _____.

- Ans
- ☒ 1. 0.267
 - ☒ 2. 0.287
 - ☒ 3. 0.297
 - ☒ 4. 0.256

Question ID : 54335318835
Option 1 ID : 54335375596
Option 2 ID : 54335375599
Option 3 ID : 54335375597
Option 4 ID : 54335375598
Status : Answered
Chosen Option : 1

Q.4
7 An amplifier which has zero input signal is called _____.

- Ans
- ☒ 1. fluctuating signal condition
 - ☒ 2. zero signal condition
 - ☒ 3. maximum signal condition
 - ☒ 4. minimum signal condition

Question ID : 54335318802
Option 1 ID : 54335375467
Option 2 ID : 54335375465
Option 3 ID : 54335375464
Option 4 ID : 54335375466
Status : Answered
Chosen Option : 2

Q.4
8 The SI unit of inductance is _____.

- Ans
- ☒ 1. henry
 - ☒ 2. volt
 - ☒ 3. amperes
 - ☒ 4. Ohms

Question ID : 54335318858
Option 1 ID : 54335375690
Option 2 ID : 54335375688
Option 3 ID : 54335375691
Option 4 ID : 54335375689
Status : Answered
Chosen Option : 1

Q.4
9 A shaft coupling is a device used to _____.

Ans

- ☒ 1. connect two shafts together
- ☐ 2. change direction of the shaft
- ☐ 3. change the direction of rotation
- ☐ 4. connect three shafts together

Question ID : 54335318846
Option 1 ID : 54335375642
Option 2 ID : 54335375643
Option 3 ID : 54335375640
Option 4 ID : 54335375641
Status : Answered
Chosen Option : 1

Q.5
0 The Output of NAND Gate is low in case

- Ans ☐ 1. any one of the inputs is LOW
- ☐ 2. any one of the inputs is HIGH
- ☒ 3. all of the inputs are HIGH
- ☐ 4. all of the inputs are LOW

Question ID : 54335318842
Option 1 ID : 54335375626
Option 2 ID : 54335375624
Option 3 ID : 54335375625
Option 4 ID : 54335375627
Status : Answered
Chosen Option : 3

Q.5
1 If a CRO maximum input is 10V, then which of these probes can be used to measure 60V?

- Ans ☐ 1. 30x
- ☐ 2. 1000x
- ☐ 3. 1x
- ☒ 4. 10x

Question ID : 54335318848
Option 1 ID : 54335375650
Option 2 ID : 54335375651
Option 3 ID : 54335375649
Option 4 ID : 54335375648
Status : Answered
Chosen Option : 4

Q.5
2 In a PNP transistor, the base is of _____ material.

- Ans ☒ 1. N
- ☐ 2. Y
- ☐ 3. X
- ☐ 4. P

Question ID : 54335318832
Option 1 ID : 54335375584
Option 2 ID : 54335375587
Option 3 ID : 54335375586
Option 4 ID : 54335375585
Status : Not Answered
Chosen Option : --

Q.5
3 Dynamometer type wattmeter responds to the _____.

- Ans
- ☒ 1. average value of the active power
 - ☐ 2. average value of the reactive power
 - ☐ 3. peak value of the active power
 - ☐ 4. peak value of the reactive power

Question ID : 54335318817
Option 1 ID : 54335375525
Option 2 ID : 54335375524
Option 3 ID : 54335375526
Option 4 ID : 54335375527
Status : Not Answered
Chosen Option : --

Q.5
4 Tunnel diode has a very fast operation in the _____ frequency region.

- Ans
- ☐ 1. Wi-Fi
 - ☒ 2. microwave
 - ☐ 3. ultraviolet
 - ☐ 4. gamma

Question ID : 54335318830
Option 1 ID : 54335375579
Option 2 ID : 54335375578
Option 3 ID : 54335375576
Option 4 ID : 54335375577
Status : Not Answered
Chosen Option : --

Q.5
5 The cycle required to fetch and execute an instruction in an 8085 microprocessor is known as a _____.

- Ans
- ☐ 1. Machine cycle
 - ☐ 2. Memory cycle
 - ☒ 3. Instruction cycle
 - ☐ 4. Clock cycle

Question ID : 54335318854
Option 1 ID : 54335375675
Option 2 ID : 54335375673
Option 3 ID : 54335375674
Option 4 ID : 54335375672
Status : Answered

Chosen Option : 3

Q.5
6 Dry cell E.M.F Value is approximately_____.

- Ans
- ☒ 1. 2.5V
 - ☒ 2. 2.0V
 - ☒ 3. 0.5V
 - ☒ 4. 1.5V

Question ID : 54335318856

Option 1 ID : 54335375680

Option 2 ID : 54335375682

Option 3 ID : 54335375681

Option 4 ID : 54335375683

Status : Answered

Chosen Option : 2

Q.5
7 How many control springs are provided in Power Factor Meter?

- Ans
- ☒ 1. Four
 - ☒ 2. One
 - ☒ 3. Two
 - ☒ 4. Zero

Question ID : 54335318813

Option 1 ID : 54335375511

Option 2 ID : 54335375508

Option 3 ID : 54335375510

Option 4 ID : 54335375509

Status : Not Answered

Chosen Option : --

Q.5
8 For comfort air zone, what should be the RH range?

- Ans
- ☒ 1. 20%-30%
 - ☒ 2. 10%-20%
 - ☒ 3. 50%-60%
 - ☒ 4. 30%-40%

Question ID : 54335318839

Option 1 ID : 54335375614

Option 2 ID : 54335375612

Option 3 ID : 54335375615

Option 4 ID : 54335375613

Status : Answered

Chosen Option : 3

Q.5
9 Which device acts like an NPN and a PNP transistor connected base-to-base and emitter-to-collector?

- Ans
- ☒ 1. TRIAC
 - ☒ 2. DIAC
 - ☒ 3. SCR

 4. UJT

Question ID : 54335318833
Option 1 ID : 54335375591
Option 2 ID : 54335375590
Option 3 ID : 54335375589
Option 4 ID : 54335375588
Status : Answered
Chosen Option : 3

Q.6
0 Cast iron water pipe joint is fitted with the help of _____.

- Ans
-  1. brazing
 -  2. a socket
 -  3. flange coupling
 -  4. welding

Question ID : 54335318847
Option 1 ID : 54335375647
Option 2 ID : 54335375644
Option 3 ID : 54335375646
Option 4 ID : 54335375645
Status : Answered
Chosen Option : 3

Q.6
1 What is used as a Circuit breaker?

- Ans
-  1. fuse
 -  2. resistor
 -  3. switch
 -  4. resettable protective device

Question ID : 54335318824
Option 1 ID : 54335375553
Option 2 ID : 54335375554
Option 3 ID : 54335375552
Option 4 ID : 54335375555
Status : Answered
Chosen Option : 3

Q.6
2 Which of the following is the unit of length?

- Ans
-  1. Light year
 -  2. Candela
 -  3. Lunar month
 -  4. Kelvin

Question ID : 54335318850
Option 1 ID : 54335375658
Option 2 ID : 54335375659
Option 3 ID : 54335375656

Option 4 ID : 54335375657
Status : Answered
Chosen Option : 1

Q.6
3 Swaging of copper tube is done for joining _____.

- Ans
- ☐ 1. the stud
 - ☐ 2. the flaring nut
 - ☐ 3. a dissimilar diameter tube
 - ☒ 4. a tube of the same diameter as the copper tube

Question ID : 54335318809
Option 1 ID : 54335375494
Option 2 ID : 54335375495
Option 3 ID : 54335375492
Option 4 ID : 54335375493
Status : Not Answered
Chosen Option : --

Q.6
4 Calculate the work done in a resistor of 10 ohm carrying 3A of current in 3 hours.

- Ans
- ☐ 1. 27 kWh
 - ☐ 2. 0.027 J
 - ☐ 3. 270 kJ
 - ☒ 4. 0.27 kWh

Question ID : 54335318861
Option 1 ID : 54335375701
Option 2 ID : 54335375702
Option 3 ID : 54335375703
Option 4 ID : 54335375700
Status : Answered
Chosen Option : 3

Q.6
5 Megger is an instrument used for the measurement of _____.

- Ans
- ☐ 1. Low resistance
 - ☐ 2. Leakage current
 - ☐ 3. Medium resistance
 - ☒ 4. High resistance

Question ID : 54335318816
Option 1 ID : 54335375521
Option 2 ID : 54335375522
Option 3 ID : 54335375523
Option 4 ID : 54335375520
Status : Not Answered
Chosen Option : --

Q.6
6 विद्युतदाबाचे विस्तृतीकरण (व्होल्टेज मग्निफिकेशन) कोणत्या नावाने ओळखले जाते?

Ans

- ☐ 1. वापरण्याचा घटक
- ☐ 2. विद्युतदाब घटक
- ☐ 3. विद्युतप्रवाह घटक
- ☒ 4. गुणवत्ता घटक

Question ID : 54335318859
Option 1 ID : 54335375695
Option 2 ID : 54335375692
Option 3 ID : 54335375693
Option 4 ID : 54335375694
Status : Answered
Chosen Option : 4

Q.6
7 What is the recommended temperature range of copper tube?

- Ans ☐ 1. -29°C to 425°C
- ☒ 2. -40°C to 205°C
- ☐ 3. -80°C to 335°C
- ☐ 4. -225°C to 550°C

Question ID : 54335318806
Option 1 ID : 54335375483
Option 2 ID : 54335375482
Option 3 ID : 54335375480
Option 4 ID : 54335375481
Status : Not Answered
Chosen Option : --

Q.6
8 What is the unit for electric charge?

- Ans ☐ 1. watts – hr
- ☒ 2. Ampere - hour
- ☐ 3. Voltage
- ☐ 4. Ohms - hr

Question ID : 54335318853
Option 1 ID : 54335375671
Option 2 ID : 54335375670
Option 3 ID : 54335375668
Option 4 ID : 54335375669
Status : Answered
Chosen Option : 2

Q.6
9 A socket is used to _____.

- Ans ☒ 1. join two similar pipes
- ☐ 2. divert direction of pipe
- ☐ 3. keep the pipe in same direction

 4. join two dissimilar pipes

Question ID : 54335318845
Option 1 ID : 54335375637
Option 2 ID : 54335375636
Option 3 ID : 54335375639
Option 4 ID : 54335375638
Status : Answered
Chosen Option : 4

Q.7
0 _____ is the standard line of measurement tool.

- Ans
-  1. Slip gauges
 -  2. Micrometre
 -  3. Measuring tape
 -  4. End bars

Question ID : 54335318797
Option 1 ID : 54335375445
Option 2 ID : 54335375447
Option 3 ID : 54335375446
Option 4 ID : 54335375444
Status : Answered
Chosen Option : 3

Q.7
1 Hard copper tube can be flared by _____.

- Ans
-  1. using hard flaring tool
 -  2. annealing copper tube
 -  3. applying special chemicals
 -  4. red hot position of the tube

Question ID : 54335318810
Option 1 ID : 54335375497
Option 2 ID : 54335375498
Option 3 ID : 54335375499
Option 4 ID : 54335375496
Status : Answered
Chosen Option : 1

Q.7
2 In a balanced 3 phase circuit, neutral current is always _____.

- Ans
-  1. 12 A
 -  2. 10 A
 -  3. 15 A
 -  4. 0 A

Question ID : 54335318820
Option 1 ID : 54335375539
Option 2 ID : 54335375538
Option 3 ID : 54335375537

Option 4 ID : 54335375536
Status : Not Answered
Chosen Option : --

Q.7
3 Stable Oscillator Output has constant _____.

- Ans
- ☒ 1. Voltage & resistance
 - ☒ 2. Amplitude and frequency
 - ☒ 3. Temperature & movement
 - ☒ 4. Current

Question ID : 54335318801
Option 1 ID : 54335375460
Option 2 ID : 54335375462
Option 3 ID : 54335375461
Option 4 ID : 54335375463
Status : Answered
Chosen Option : 2

Q.7
4 What is the probe required for Power Quality Analyser for three phase supply?

- Ans
- ☒ 1. 1 Current, 2 Voltage
 - ☒ 2. 3 Current, 3 Voltage
 - ☒ 3. 2 Current , 2 Voltage
 - ☒ 4. 2 Current, 1 voltage

Question ID : 54335318866
Option 1 ID : 54335375722
Option 2 ID : 54335375721
Option 3 ID : 54335375720
Option 4 ID : 54335375723
Status : Answered
Chosen Option : 1

Q.7
5 450V bulb passes a current of 0.4A. Calculate the power in the lamp.

- Ans
- ☒ 1. 180W
 - ☒ 2. 900W
 - ☒ 3. 425W
 - ☒ 4. 1125W

Question ID : 54335318860
Option 1 ID : 54335375696
Option 2 ID : 54335375699
Option 3 ID : 54335375698
Option 4 ID : 54335375697
Status : Answered
Chosen Option : 1