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रेलवे भर्ती बोर्ड

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

Roll No:	
Participants Name:	
Test Center Name:	
Test Date:	21/01/2019
Test Time:	4:30 PM - 7:00 PM
Subject:	Part A and Exam Trade : Electronics 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 The least number consisting of five digits and that is divisible by 97 is x. What is the sum of digits of x?

- Ans
- 1. 16
 - 2. 15
 - 3. 13
 - 4. 17

Question ID : 2134098976
Option 1 ID : 21340935903
Option 2 ID : 21340935902
Option 3 ID : 21340935901
Option 4 ID : 21340935904
Status : Answered
Chosen Option : 1

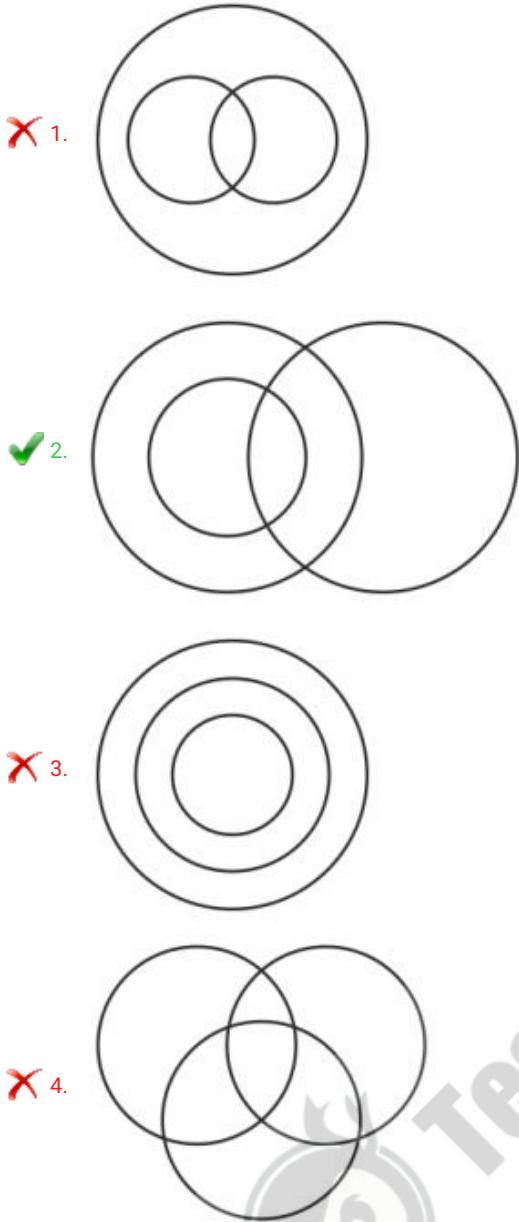
Q.2 Laho dance belongs to the state of _____ in India.

- Ans
- 1. Orissa
 - 2. Rajasthan
 - 3. Andhra Pradesh
 - 4. Meghalaya

Question ID : 2134098935
Option 1 ID : 21340935737
Option 2 ID : 21340935738
Option 3 ID : 21340935739
Option 4 ID : 21340935740
Status : Answered
Chosen Option : 3

Q.3 Which of the following venn diagrams best represents the relationship between women, mother and doctor?

Ans



Question ID : 2134099014
Option 1 ID : 21340936055
Option 2 ID : 21340936056
Option 3 ID : 21340936053
Option 4 ID : 21340936054
Status : Answered
Chosen Option : 4

Q.4 A block of wood floats in water with 30% of its volume above water (density 10^3 kg/m^3) The density of wood (in kg/m^3) is:

- Ans
- ✓ 1. 0.7×10^3
 - ✗ 2. 0.5×10^2
 - ✗ 3. 0.3×10^2
 - ✗ 4. 0.6×10^3

Question ID : 2134098943
Option 1 ID : 21340935772
Option 2 ID : 21340935770
Option 3 ID : 21340935769
Option 4 ID : 21340935771
Status : Answered
Chosen Option : 1

Q.5 Select the number that is related to the third number in the same way as the second number is related to the first number
 $2/5 : 0.4 :: 1/200 : ?$

- Ans
- 1. 0.002
 - 2. 0.005
 - 3. 0.2
 - 4. 0.05

Question ID : 2134099002
Option 1 ID : 21340936008
Option 2 ID : 21340936007
Option 3 ID : 21340936006
Option 4 ID : 21340936005
Status : Answered
Chosen Option : 2

Q.6 What is the distance between the points (-2, 4) and (4, 4)?

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

Question ID : 2134098990
Option 1 ID : 21340935957
Option 2 ID : 21340935960
Option 3 ID : 21340935959
Option 4 ID : 21340935958
Status : Answered
Chosen Option : 1

Q.7 A/An _____ is the software that manages all of a computer's processes and allows programs and applications to run.

- Ans
- 1. malware
 - 2. modem
 - 3. spam
 - 4. operating system

Question ID : 2134098958
Option 1 ID : 21340935830
Option 2 ID : 21340935831
Option 3 ID : 21340935829
Option 4 ID : 21340935832
Status : Answered
Chosen Option : 4

Q.8

कुछ निष्कर्षों के बाद बयान/बयानों का समूह दिया जाता है। वह निष्कर्ष चुनें जो दिए गए कथन/कथनों से तार्किक रूप से अनुसरण करता है।

कथन: कारखाने के सभी मेहनती श्रमिकों को पिछले पांच वर्षों में पदोन्नत किया गया है।

- Ans
- 1. पदोन्नति के बाद ,कुछ श्रमिकों ने कड़ी मेहनत करना बंद कर दिया।
 - 2. मेहनत ही तरक्की का एकमात्र मापदंड है।
 - 3. पिछले पांच वर्षों में पदोन्नत किए गए कुछ श्रमिक मेहनती हैं।
 - 4. कारखाने में कोई ऐसा कामगार नहीं है जो मेहनती नहीं है।

Question ID : 2134099016

Option 1 ID : 21340936063

Option 2 ID : 21340936064

Option 3 ID : 21340936062

Option 4 ID : 21340936061

Status : Answered

Chosen Option : 3

Q.9 A sum of money invested at a compound interest amounts to 800 in 2 year and 840 in 3 year. The rate of interest is:

- Ans
- 1. 6 %
 - 2. 5 %
 - 3. 4 %
 - 4. 7 %

Question ID : 2134098987

Option 1 ID : 21340935948

Option 2 ID : 21340935945

Option 3 ID : 21340935947

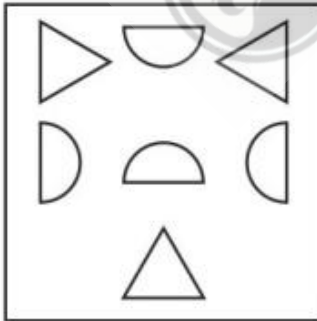
Option 4 ID : 21340935946

Status : Answered

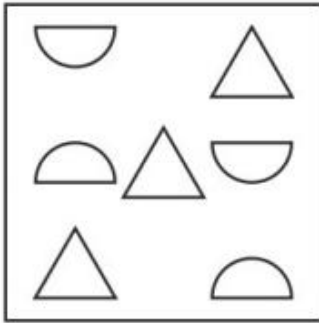
Chosen Option : 2

Q.1 Choose the figure that is different from the rest.

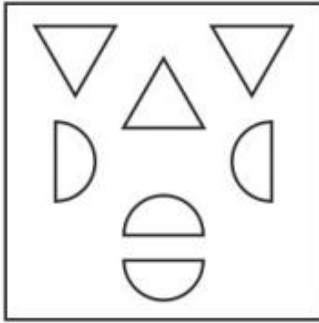
Ans



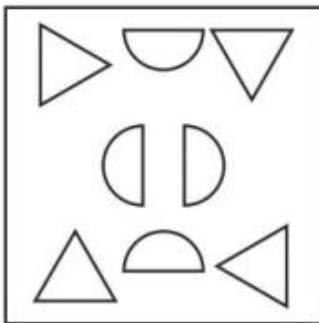
✗ 2.



✗ 3.



✓ 4.



Question ID : 2134099022

Option 1 ID : 21340936087

Option 2 ID : 21340936086

Option 3 ID : 21340936085

Option 4 ID : 21340936088

Status : Answered

Chosen Option : 4

Q.1
1 The resulting value of $0.5 \div 12.5 + 0.25 \times 0.05 - 0.0125$ is:

Ans ✓ 1. 0.04

✗ 2. 0.5

✗ 3. 0.05

✗ 4. 0.4

Question ID : 2134098978

Option 1 ID : 21340935912

Option 2 ID : 21340935910

Option 3 ID : 21340935911

Option 4 ID : 21340935909

Status : Answered

Chosen Option : 1

Q.1
2 Bio-gas is an excellent fuel as it contains up to _____ % methane.

- Ans
- 1. 80
 - 2. 50
 - 3. 85
 - 4. 75

Question ID : 2134098937
Option 1 ID : 21340935747
Option 2 ID : 21340935745
Option 3 ID : 21340935748
Option 4 ID : 21340935746
Status : Answered
Chosen Option : 1

Q.1
3 Identify the material having the lowest coefficient of linear expansion.

- Ans
- 1. Brass
 - 2. Iron
 - 3. Copper
 - 4. Lead

Question ID : 2134098955
Option 1 ID : 21340935817
Option 2 ID : 21340935820
Option 3 ID : 21340935819
Option 4 ID : 21340935818
Status : Answered
Chosen Option : 4

Q.1
4 In a certain code language, '+' represents 'x', '-' represents '+', 'x' represents '-' and '-' represents '+', calculate the answer of the following equation.

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

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

Question ID : 2134099007
Option 1 ID : 21340936028
Option 2 ID : 21340936027
Option 3 ID : 21340936026
Option 4 ID : 21340936025
Status : Answered
Chosen Option : 3

Q.1
5 Who invented the World Wide Web?

- Ans
- 1. Vint Cerf
 - 2. Antonio Meucci
 - 3. Tim Berner-Lee

X 4. Robert E. Kahn

Question ID : 2134098928
Option 1 ID : 21340935709
Option 2 ID : 21340935712
Option 3 ID : 21340935710
Option 4 ID : 21340935711
Status : Answered
Chosen Option : 4

Q.1
6 निम्नलिखित में से कौन सा संगठन विलुप्तप्राय प्रजातियों की लाल सूची (रेड लिस्ट) बनाता है?

- Ans
- X** 1. WWF
 - X** 2. RPPO
 - X** 3. OIE
 - ✓** 4. IUCN

Question ID : 2134098932
Option 1 ID : 21340935726
Option 2 ID : 21340935728
Option 3 ID : 21340935727
Option 4 ID : 21340935725
Status : Not Answered
Chosen Option : --

Q.1
7 उस शब्द का चयन करें जो तीसरे शब्द से उसी तरह संबंधित है जैसे दूसरा शब्द पहले शब्द से संबंधित है।
अखरोट: शैल :: केला:?

- Ans
- X** 1. फ़ल
 - X** 2. पका हुआ
 - X** 3. हरा
 - ✓** 4. छिलका

Question ID : 2134099001
Option 1 ID : 21340936001
Option 2 ID : 21340936004
Option 3 ID : 21340936002
Option 4 ID : 21340936003
Status : Answered
Chosen Option : 4

Q.1
8 0.5 kg वजन वाले गेंद की गति को 4 m/s से बढ़ाकर 8 m/s करने के लिए कितना कार्य को करने की आवश्यकता है?

- Ans
- ✓** 1. 12 J
 - X** 2. 16 J
 - X** 3. 4 J
 - X** 4. 8 J

Question ID : 2134098942
Option 1 ID : 21340935767
Option 2 ID : 21340935768
Option 3 ID : 21340935765
Option 4 ID : 21340935766
Status : Answered

Chosen Option : 1

Q.1 "शीर्षक खंड (टाइटल ब्लॉक)" आम तौर पर कहाँ बनाया जाता है?

- Ans
- 1. ड्राइंग शीट पर दाईं ओर के ऊपरी कोने पर
 - 2. ड्राइंग शीट पर दाईं ओर के निचले कोने पर
 - 3. ड्राइंग शीट पर बाईं ओर के ऊपरी कोने पर
 - 4. ड्राइंग शीट पर बीचोबीच

Question ID : 2134098948

Option 1 ID : 21340935792

Option 2 ID : 21340935791

Option 3 ID : 21340935790

Option 4 ID : 21340935789

Status : Answered

Chosen Option : 2

Q.2 किस मौर्य सम्राट द्वारा "सांची स्तूप" का निर्माण करवाया गया था?

- Ans
- 1. कौटिल्य
 - 2. चंद्रगुप्त मौर्य
 - 3. बिन्दुसार
 - 4. अशोक

Question ID : 2134098929

Option 1 ID : 21340935716

Option 2 ID : 21340935714

Option 3 ID : 21340935715

Option 4 ID : 21340935713

Status : Answered

Chosen Option : 4

Q.2 A cylindrical wire of length L and radius r has a resistance R . The resistance of another wire of the same material but of half its length and twice its radius is given by:

- Ans
- 1. $R/8$
 - 2. $R/2$
 - 3. $R/4$
 - 4. R

Question ID : 2134098967

Option 1 ID : 21340935868

Option 2 ID : 21340935866

Option 3 ID : 21340935867

Option 4 ID : 21340935865

Status : Answered

Chosen Option : 1

Q.2 The weight of an object on the Earth is 150 N. Its weight on moon will be:

- Ans
- 1. 50 N

2. 25 N
 3. 150 N
 4. 75 N

Question ID : 2134098945
Option 1 ID : 21340935779
Option 2 ID : 21340935780
Option 3 ID : 21340935777
Option 4 ID : 21340935778
Status : Answered
Chosen Option : 2

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

- Ans 1. 3 m/s
 2. 6 m/s
 3. 9 m/s
 4. 12 m/s

Question ID : 2134098963
Option 1 ID : 21340935849
Option 2 ID : 21340935850
Option 3 ID : 21340935851
Option 4 ID : 21340935852
Status : Answered
Chosen Option : 3

Q.2 The sum of a number and 16 times its reciprocal is 10. The number is:
4

- Ans 1. 5
 2. 7
 3. 8
 4. 6

Question ID : 2134098989
Option 1 ID : 21340935953
Option 2 ID : 21340935955
Option 3 ID : 21340935956
Option 4 ID : 21340935954
Status : Answered
Chosen Option : 3

Q.2 A boy weighing 50 kg runs up a staircase of 40 steps, each of 16 height cm, in 10 s. Calculate his power. (Take $g = 10$
5 m/s^2).

- Ans 1. 480 W
 2. 120 W
 3. 80 W
 4. 320 W

Question ID : 2134098941
Option 1 ID : 21340935764
Option 2 ID : 21340935762

Option 3 ID : 21340935761
Option 4 ID : 21340935763
Status : Answered
Chosen Option : 4

Q.2 Pipes P and Q fill a cistern in 12 minutes when operated together, Q and R fill it in 20 minutes when operated together and P and R fill it in 15 minutes when operated together. In how many minutes can all 3 pipes fill the cistern if operated together?

- Ans
- 1. 3 minutes
 - 2. 2 minutes
 - 3. 4 minutes
 - 4. 10 minutes

Question ID : 2134098993
Option 1 ID : 21340935970
Option 2 ID : 21340935972
Option 3 ID : 21340935971
Option 4 ID : 21340935969
Status : Answered
Chosen Option : 4

Q.2 Two resistor, each of 20 ohm, are connected in parallel and this combination is connected across a 40 V supply voltage. Find the resistance offered by the voltage source.

- Ans
- 1. 10 ohm
 - 2. 20 ohm
 - 3. 40 ohm
 - 4. 25 ohm

Question ID : 2134098974
Option 1 ID : 21340935893
Option 2 ID : 21340935895
Option 3 ID : 21340935896
Option 4 ID : 21340935894
Status : Answered
Chosen Option : 1

Q.2 If a person goes from his house to office walking at 80% of his usual speed, then he is late by 18 minutes to reach the office. What is the usual time taken by him to cover that same distance with his usual speed?

- Ans
- 1. 75 minutes
 - 2. 72 minutes
 - 3. 78 minutes
 - 4. 70 minutes

Question ID : 2134098999
Option 1 ID : 21340935995
Option 2 ID : 21340935994
Option 3 ID : 21340935996
Option 4 ID : 21340935993
Status : Answered
Chosen Option : 2

Q.2
9

Question ID : 2134098979
Option 1 ID : 21340935916
Option 2 ID : 21340935913
Option 3 ID : 21340935914
Option 4 ID : 21340935915
Status : Answered
Chosen Option : 4

Q.3 A series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

TTTTTTO, TTTTTIOI, TTTTTOTT, TTTOTTT

- Ans
- 1. TTOTTT
 - 2. TTTOTTTO
 - 3. TTTOTTTT
 - 4. TTOTTTT

Question ID : 2134099003
Option 1 ID : 21340936009
Option 2 ID : 21340936012
Option 3 ID : 21340936011
Option 4 ID : 21340936010
Status : Answered
Chosen Option : 4

Q.3 What is the power dissipated in a 5-ohm resistor carrying 2 A current?

- Ans
- 1. 0.6 W
 - 2. 20 W
 - 3. 2.5 W
 - 4. 10 W

Question ID : 2134098975
Option 1 ID : 21340935900
Option 2 ID : 21340935898
Option 3 ID : 21340935899
Option 4 ID : 21340935897
Status : Answered
Chosen Option : 2

Q.3 M, N, O और P एक गोल मेज के चारों ओर बैठे हैं? M, P के पास नहीं बैठना चाहता है। N, P के दायें है। नीचे का कौन सा कथन गलत है?

- Ans
- 1. M,P के सामने है
 - 2. M,N के दाईं ओर है
 - 3. O, P के दाईं ओर है
 - 4. O,N, के सामने है

Question ID : 2134099020
Option 1 ID : 21340936079
Option 2 ID : 21340936080
Option 3 ID : 21340936077
Option 4 ID : 21340936078

Status : Answered
Chosen Option : 3

Q.3
5 A black surface absorbs _____ as compared to a white surface, under identical conditions.

- Ans
- 1. same heat
 - 2. negligible heat
 - 3. more heat
 - 4. lesser heat

Question ID : 2134098938
Option 1 ID : 21340935750
Option 2 ID : 21340935752
Option 3 ID : 21340935751
Option 4 ID : 21340935749
Status : Answered
Chosen Option : 3

Q.3
6 The thanksgiving festival of Pongal is primarily celebrated in which state of India?

- Ans
- 1. Rajasthan
 - 2. Maharashtra
 - 3. Uttar Pradesh
 - 4. Tamilnadu

Question ID : 2134098927
Option 1 ID : 21340935706
Option 2 ID : 21340935707
Option 3 ID : 21340935708
Option 4 ID : 21340935705
Status : Answered
Chosen Option : 4

Q.3
7 The number 80 is divided in 2 parts such that one part is $\frac{9}{7}$ times the other. The larger part is:

- Ans
- 1. 50
 - 2. 45
 - 3. 48
 - 4. 50

Question ID : 2134098988
Option 1 ID : 21340935952
Option 2 ID : 21340935951
Option 3 ID : 21340935950
Option 4 ID : 21340935949
Status : Answered
Chosen Option : 2

Q.3
8 निम्नलिखित में से किसने संविधान सभा का विचार दिया था?

- Ans
- 1. बी.आर. अम्बेडकर

2. डॉ. राजेंद्र प्रसाद
3. मौलाना अबुल कलाम आज़ाद
4. एम.एन. रॉय

Question ID : 2134098931
Option 1 ID : 21340935724
Option 2 ID : 21340935721
Option 3 ID : 21340935723
Option 4 ID : 21340935722
Status : Answered
Chosen Option : 3

Q.3 A jogger jogs 1 km East, then turns North and jogs 4 km, then turns West and jogs 6 km, then turns to his left and jogs 4 km. Where is he now with reference to his starting position?

- Ans 1. 7 km East
2. 7 km West
3. 5 km East
4. 5 km West

Question ID : 2134099023
Option 1 ID : 21340936092
Option 2 ID : 21340936091
Option 3 ID : 21340936090
Option 4 ID : 21340936089
Status : Answered
Chosen Option : 4

Q.4 What is the HCF of 275 and 308?

- Ans 1. 15
2. 19
3. 17
4. 11

Question ID : 2134098982
Option 1 ID : 21340935926
Option 2 ID : 21340935928
Option 3 ID : 21340935925
Option 4 ID : 21340935927
Status : Answered
Chosen Option : 4

Q.4 What will be the distance covered by a bus moving with a speed of 72 km/h in 5 seconds?

- Ans 1. 100 m
2. 50 m
3. 200 m
4. 400 m

Question ID : 2134098970
Option 1 ID : 21340935879

Option 2 ID : 21340935878
Option 3 ID : 21340935877
Option 4 ID : 21340935880
Status : Answered
Chosen Option : 1

Q.4 Two resistor, one of $10\ \Omega$ and the other of $15\ \Omega$, are connected in parallel. This combination is connected in series with a
2 $24\ \Omega$ resistor and a $12\ \text{V}$ battery. The current in the $15\ \Omega$ resistor is:

- Ans
- 1. $0.40\ \text{A}$
 - 2. $0.12\ \text{A}$
 - 3. $0.16\ \text{A}$
 - 4. $0.24\ \text{A}$

Question ID : 2134098966
Option 1 ID : 21340935864
Option 2 ID : 21340935861
Option 3 ID : 21340935862
Option 4 ID : 21340935863
Status : Answered
Chosen Option : 1

Q.4 Which of the following quantities does not have dimensions?
3

- Ans
- 1. Relative permeability
 - 2. Force
 - 3. Frequency
 - 4. Volume

Question ID : 2134098936
Option 1 ID : 21340935744
Option 2 ID : 21340935742
Option 3 ID : 21340935741
Option 4 ID : 21340935743
Status : Answered
Chosen Option : 1

Q.4 In the question, two statements are given, followed by two conclusions, I and II. You have to consider the statements to
4 be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follow(s) from the given statements.

Statement 1 : All storms are cyclones.
Statement 2 : All cyclones are tornadoes.

Conclusion I : Some tornadoes are storms.
Conclusion II : Some cyclones are storms.

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

Question ID : 2134099011
Option 1 ID : 21340936041
Option 2 ID : 21340936043
Option 3 ID : 21340936042
Option 4 ID : 21340936044

Status : Answered
Chosen Option : 2

Q.4
5 Identify the metal having the lowest thermal conductivity.

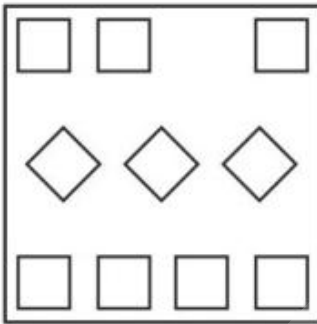
- Ans
- 1. Copper
 - 2. Mercury
 - 3. Aluminium
 - 4. Silver

Question ID : 2134098951
Option 1 ID : 21340935802
Option 2 ID : 21340935804
Option 3 ID : 21340935803
Option 4 ID : 21340935801
Status : Answered
Chosen Option : 2

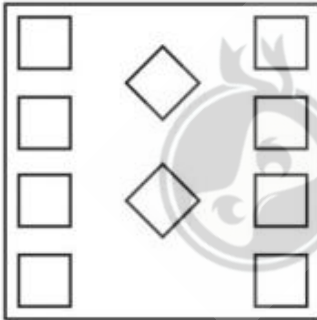
Q.4
6 Choose the figure that is different from the rest.

Ans

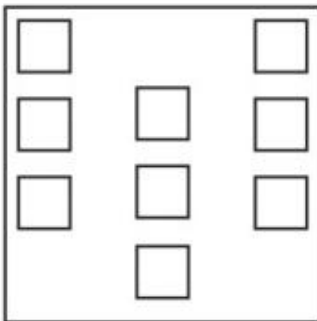
1.



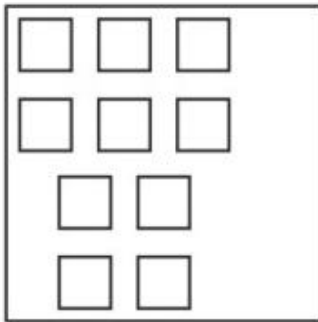
2.



3.



4.



Question ID : 2134099021
Option 1 ID : 21340936084
Option 2 ID : 21340936083
Option 3 ID : 21340936082
Option 4 ID : 21340936081
Status : Answered
Chosen Option : 3

Q.4 7 Two cows G and H are grazing in a field. They start from the same point. G moves 1.5 km South, then turns East and moves 2.5 km, then turns to its right and moves 3.5 km. Meanwhile H has moved 2.5 km East. Where is H with respect to G?

- Ans 1. H is 2 km South of G
 2. H is 5 km North of G
 3. H is 5 km South of G
 4. H is 2 km North of G

Question ID : 2134099024
Option 1 ID : 21340936096
Option 2 ID : 21340936094
Option 3 ID : 21340936093
Option 4 ID : 21340936095
Status : Answered
Chosen Option : 2

Q.4 8 Identify the non-metal, having high thermal conductivity.

- Ans 1. Wood
 2. Water
 3. Ice
 4. Insulating brick

Question ID : 2134098952
Option 1 ID : 21340935808
Option 2 ID : 21340935806
Option 3 ID : 21340935807
Option 4 ID : 21340935805
Status : Answered
Chosen Option : 2

Q.4 9 In a certain code language, if STUDIO is coded as QRBG M, then how will RAW be coded in that language?

- Ans 1. PYU
 2. ₹W

- 3. TGB
- 4. UKN

Question ID : 2134099006
Option 1 ID : 21340936023
Option 2 ID : 21340936024
Option 3 ID : 21340936021
Option 4 ID : 21340936022
Status : Answered
Chosen Option : 1

Q.5 X jogs a total of 7.5 km in a day. He jogged $2\frac{5}{6}$ km in the morning. How much did he jog in the evening?

0

- Ans 1. $10\frac{1}{3}$ Km
- 2. $5\frac{1}{3}$ Km
 - 3. $11\frac{1}{3}$ Km
 - 4. $8\frac{1}{3}$ Km

Question ID : 2134098981
Option 1 ID : 21340935923
Option 2 ID : 21340935922
Option 3 ID : 21340935924
Option 4 ID : 21340935921
Status : Answered
Chosen Option : 3

Q.5 The sum of the present ages of a father and a son is 45 year. 5 year ago, the ratio of their ages was 6 : 1. Find the current age of the father.

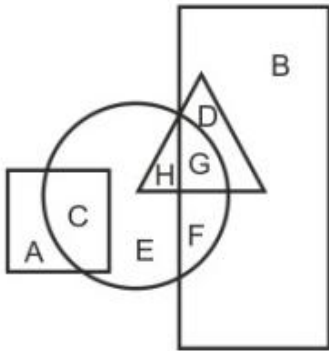
1

- Ans 1. 30 year
- 2. 25 year
 - 3. 35 year
 - 4. 40 year

Question ID : 2134099000
Option 1 ID : 21340935997
Option 2 ID : 21340936000
Option 3 ID : 21340935998
Option 4 ID : 21340935999
Status : Answered
Chosen Option : 3

Q.5
2

In the following figure, square represents Asians, triangle represents writers, circle represents fathers and rectangle represents actors. Which set of letters represents actors who are writers?



- Ans
- 1. HGF
 - 2. CEG
 - 3. GD
 - 4. GF

Question ID : 2134099013
 Option 1 ID : 21340936052
 Option 2 ID : 21340936051
 Option 3 ID : 21340936050
 Option 4 ID : 21340936049
 Status : Answered
 Chosen Option : 3

Q.5 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, follow(s) from the given statements.

Statement 1 : All bamboo are tall.
 Statement 2 : All tall are grass.

Conclusion I : Some grass are bamboo.
 Conclusion II : Some tall are bamboo.
 Conclusion III : Some grass are tall.

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

Question ID : 2134099012
 Option 1 ID : 21340936048
 Option 2 ID : 21340936045
 Option 3 ID : 21340936046
 Option 4 ID : 21340936047
 Status : Answered
 Chosen Option : 1

Q.5 Identify the insulator from the below having high resistivity.

- Ans
- 1. Glass
 - 2. Dry paper
 - 3. Hard rubber
 - 4. Diamond

Question ID : 2134098971
Option 1 ID : 21340935882
Option 2 ID : 21340935883
Option 3 ID : 21340935881
Option 4 ID : 21340935884
Status : Answered
Chosen Option : 4

Q.5
5 An object is accelerating at 5 m/s^2 from its rest position. The velocity of this object after 5 s is:

- Ans
- 1. 25 m/s
 - 2. 20 m/s
 - 3. 15 m/s
 - 4. 5 m/s

Question ID : 2134098968
Option 1 ID : 21340935872
Option 2 ID : 21340935871
Option 3 ID : 21340935870
Option 4 ID : 21340935869
Status : Answered
Chosen Option : 1

Q.5
6 Two trains start moving towards each other when they are 2000 meter apart. First train travels at the speed of 20 m/s and the other one at 30 m/s. After how many seconds do they meet?

- Ans
- 1. 45
 - 2. 50
 - 3. 35
 - 4. 40

Question ID : 2134098985
Option 1 ID : 21340935939
Option 2 ID : 21340935940
Option 3 ID : 21340935937
Option 4 ID : 21340935938
Status : Answered
Chosen Option : 4

Q.5
7 An object travels distance of first 30 m in 5 s and the next distance of 30 m in 3 s. The average speed of the object is:

- Ans
- 1. 4.5 m/s
 - 2. 6.5 m/s
 - 3. 7.5 m/s
 - 4. 9.0 m/s

Question ID : 2134098969

Option 1 ID : 21340935873
Option 2 ID : 21340935874
Option 3 ID : 21340935875
Option 4 ID : 21340935876
Status : Answered
Chosen Option : 3

Q.5
8 What is the digit that will come at the unit's place in the result of $(423)^{423} \times (1237)^{28}$.

- Ans
- 1. 9
 - 2. 3
 - 3. 1
 - 4. 7

Question ID : 2134098977
Option 1 ID : 21340935908
Option 2 ID : 21340935907
Option 3 ID : 21340935905
Option 4 ID : 21340935906
Status : Answered
Chosen Option : 1

Q.5
9 Which type of pencil has the hardest graphite lead?

- Ans
- 1. 3H
 - 2. HB
 - 3. 2H
 - 4. 9H

Question ID : 2134098946
Option 1 ID : 21340935784
Option 2 ID : 21340935783
Option 3 ID : 21340935782
Option 4 ID : 21340935781
Status : Answered
Chosen Option : 4

Q.6
0 In a Class 2 lever, effort and load move in the:

- Ans
- 1. same direction
 - 2. the movement depends on the load
 - 3. opposite direction
 - 4. perpendicular direction

Question ID : 2134098961
Option 1 ID : 21340935841
Option 2 ID : 21340935843
Option 3 ID : 21340935842
Option 4 ID : 21340935844
Status : Answered
Chosen Option : 4

Q.6 How much heat should be transferred to the 100 g of an edible oil to raise its temperature by 20 °C? (Specific heat of oil
1 1965 Jkg⁻¹K⁻¹)

- Ans
- 1. 4.31 kJ
 - 2. 2.70 kJ
 - 3. 1.32 kJ
 - 4. 3.93 kJ

Question ID : 2134098964
Option 1 ID : 21340935856
Option 2 ID : 21340935854
Option 3 ID : 21340935853
Option 4 ID : 21340935855
Status : Answered
Chosen Option : 4

Q.6 In a certain code language, 512 means 'steel makes tower', 175 means 'brick makes tower', and 327 means 'brick and
2 steel'. Find the code for 'and'.

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

Question ID : 2134099005
Option 1 ID : 21340936019
Option 2 ID : 21340936018
Option 3 ID : 21340936017
Option 4 ID : 21340936020
Status : Answered
Chosen Option : 4

Q.6 Find the odd word from the given alternatives.
3

- Ans
- 1. Carom board
 - 2. Wheel
 - 3. Coin
 - 4. Hula hoop

Question ID : 2134099018
Option 1 ID : 21340936069
Option 2 ID : 21340936071
Option 3 ID : 21340936070
Option 4 ID : 21340936072
Status : Answered
Chosen Option : 1

Q.6 A 'compass' is used to draw:
4

- Ans
- 1. Straight line
 - 2. Circle
 - 3. Triangle

✗ 4. Rectangle

Question ID : 2134098947
Option 1 ID : 21340935787
Option 2 ID : 21340935785
Option 3 ID : 21340935786
Option 4 ID : 21340935788
Status : Answered
Chosen Option : 2

Q.6 If G + H means G is daughter of H; G - H means G is father-in-law of H; and G * H means G is husband of H, then
5 which of the following shows that O is the sister of L?

- Ans**
- ✗ 1.** $O - N * M + L$
 - ✗ 2.** $O * N - M + L$
 - ✗ 3.** $O - N + M * L$
 - ✓ 4.** $O + M - N * L$

Question ID : 2134099010
Option 1 ID : 21340936039
Option 2 ID : 21340936040
Option 3 ID : 21340936038
Option 4 ID : 21340936037
Status : Answered
Chosen Option : 4

Q.6 A sum of ₹ 10000 was deposited in a bank that offer 20% annual compound interest. What will the amount be in the
6 bank after 2 year?

- Ans**
- ✗ 1.** ₹ 8000
 - ✗ 2.** ₹ 12000
 - ✗ 3.** ₹ 13600
 - ✓ 4.** ₹ 14400

Question ID : 2134098986
Option 1 ID : 21340935941
Option 2 ID : 21340935942
Option 3 ID : 21340935943
Option 4 ID : 21340935944
Status : Answered
Chosen Option : 4

Q.6 Pipes A and B fill a tank at 30 m³/hr and 40 m³/hr respectively. Together they fill the tank in 4 hour. Find the volume of
7 the tank.

- Ans**
- ✓ 1.** 280 m³
 - ✗ 2.** 360 m³
 - ✗ 3.** 180 m³
 - ✗ 4.** 200 m³

Question ID : 2134098994
Option 1 ID : 21340935974
Option 2 ID : 21340935976
Option 3 ID : 21340935975
Option 4 ID : 21340935973

Status : Answered
Chosen Option : 1

Q.6 What is the side of a cube if the total surface area is 96 sq. cm?

- Ans
- 1. 2 cm
 - 2. 4 cm
 - 3. 5 cm
 - 4. 3 cm

Question ID : 2134098984
Option 1 ID : 21340935933
Option 2 ID : 21340935934
Option 3 ID : 21340935936
Option 4 ID : 21340935935
Status : Answered
Chosen Option : 2

Q.6 दो बयान के बाद नीचे दिया गया प्रश्न पढ़ें । उनका अध्ययन करें और निर्णय ले कि जवाब देने के लिए कौन से बयान पर्याप्त हैं ।

प्रश्न: एक निश्चित दिन में चिड़ियाघर का आय क्या थी?

कथन :

- I) 120 व्यक्तियों ने उस निश्चित दिन चिड़ियाघर का दौरा किया।
- II) उस निश्चित दिन पर टिकट की कीमत में 25% की छूट की पेशकश की गई थी।

- Ans
- 1. या तो कथन I या II पर्याप्त है
 - 2. न तो कथन I और न ही II पर्याप्त है
 - 3. कथन I अकेले पर्याप्त है जबकि II अकेला पर्याप्त नहीं है
 - 4. केवल कथन II पर्याप्त है जबकि I अकेला पर्याप्त नहीं है

Question ID : 2134099015
Option 1 ID : 21340936059
Option 2 ID : 21340936060
Option 3 ID : 21340936057
Option 4 ID : 21340936058
Status : Answered
Chosen Option : 4

Q.7 A sheet of styrofoam of thickness 2 cm and area 0.1 m^2 has a temperature difference of 30°C between its inner and outer surfaces. Considering thermal conductivity as 0.01 J/s m K , the rate of heat flow through the sheet is:

- Ans
- 1. 3.0 J/s
 - 2. 2.0 J/s
 - 3. 1.0 J/s
 - 4. 1.5 J/s

Question ID : 2134098965
Option 1 ID : 21340935860
Option 2 ID : 21340935859
Option 3 ID : 21340935857
Option 4 ID : 21340935858
Status : Not Answered

Chosen Option : --

Q.7 A ball of 200 g is thrown vertically upward with a speed of 20 m/s. The energy of the ball at the highest point of its path
1 is (take $g = 10 \text{ m/s}^2$):

- Ans
- 1. 100 J
 - 2. 40 J
 - 3. 20 J
 - 4. 200 J

Question ID : 2134098940

Option 1 ID : 21340935759

Option 2 ID : 21340935758

Option 3 ID : 21340935757

Option 4 ID : 21340935760

Status : Answered

Chosen Option : 2

Q.7 नीचे दिए गए कथन I और II की दो धारणाएँ हैं। आपको यह तय करना होगा कि कथन में कौन सी धारणाएँ निहित
2 है / हैं।

कथन: कॉलेज के छात्रों को नौकरी पाने की संभावनाओं को बेहतर बनाने के लिए गर्मियों की छुट्टियों के दौरान काम करना चाहिए।

अनुमान I: सभी कॉलेज के छात्र नौकरी नहीं चाहते हैं।

मान्यता II: अधिकांश कॉलेज के छात्रों के लिए पर्याप्त गर्मी की नौकरियाँ हैं।

- Ans
- 1. न तो I और न ही II निहित है
 - 2. केवल धारणा है I निहितार्थ है
 - 3. केवल धारणा है II निहितार्थ है
 - 4. I और II दोनों निहित हैं

Question ID : 2134099025

Option 1 ID : 21340936100

Option 2 ID : 21340936097

Option 3 ID : 21340936098

Option 4 ID : 21340936099

Status : Answered

Chosen Option : 2

Q.7 What will be A's share of profit if the total profit is ₹ 1000 and is to be divided amongst A, B and C in the ratio 3 : 2 : 5?
3

- Ans
- 1. ₹ 200
 - 2. ₹ 300
 - 3. ₹ 250
 - 4. ₹ 500

Question ID : 2134098995

Option 1 ID : 21340935977

Option 2 ID : 21340935979

Option 3 ID : 21340935978

Option 4 ID : 21340935980

Status : Answered
Chosen Option : 2

Q.7
4 If we compare the effort arm length with the load arm length in a class 1 lever, _____

- Ans
- 1. effort arm length is always $<$ load arm length
 - 2. effort arm length is always $=$ load arm length
 - 3. effort arm length is always $>$ load arm length
 - 4. effort arm length can be greater than, equal to or less than the length of the load arm

Question ID : 2134098959
Option 1 ID : 21340935834
Option 2 ID : 21340935835
Option 3 ID : 21340935833
Option 4 ID : 21340935836
Status : Answered
Chosen Option : 4

Q.7
5 Increasing the pressure on an object _____ the volume of the object and therefore _____ its density.

- Ans
- 1. decreases, decreases
 - 2. increases, decreases
 - 3. increases, increases
 - 4. decreases, increases

Question ID : 2134098944
Option 1 ID : 21340935776
Option 2 ID : 21340935774
Option 3 ID : 21340935775
Option 4 ID : 21340935773
Status : Answered
Chosen Option : 4

Q.7
6 If we compare the effort arm length with the load arm length in a Class 2 lever, _____.

- Ans
- 1. effort arm length is always $=$ load arm length
 - 2. effort arm length can be greater than, equal to or less than the length of the load arm
 - 3. effort arm length is always $>$ load arm length
 - 4. effort arm length is always $<$ load arm length

Question ID : 2134098962
Option 1 ID : 21340935847
Option 2 ID : 21340935848
Option 3 ID : 21340935845
Option 4 ID : 21340935846
Status : Answered
Chosen Option : 3

Q.7 A source of voltage V maintains a current I in a circuit. The power (P) input to the circuit by the source is given by:

7

- Ans
- 1. $P = VI$
 - 2. $P = V/I$
 - 3. $P = 1/(VI)$
 - 4. $P = I/V$

Question ID : 2134098973
Option 1 ID : 21340935889
Option 2 ID : 21340935891
Option 3 ID : 21340935890
Option 4 ID : 21340935892
Status : Answered
Chosen Option : 1

Q.7 If we double the length of a copper wire, its resistance increases by _____ times.

8

- Ans
- 1. four
 - 2. two
 - 3. three
 - 4. one

Question ID : 2134098972
Option 1 ID : 21340935888
Option 2 ID : 21340935887
Option 3 ID : 21340935886
Option 4 ID : 21340935885
Status : Answered
Chosen Option : 2

Q.7 Which of these is not a novel written by Premchand?

9

- Ans
- 1. Nirmala
 - 2. Gaban
 - 3. Deepshikha
 - 4. Godaan

Question ID : 2134098930
Option 1 ID : 21340935719
Option 2 ID : 21340935718
Option 3 ID : 21340935720
Option 4 ID : 21340935717
Status : Answered
Chosen Option : 3

Q.8 The Celsius temperature (t_C) and the Fahrenheit temperature (t_F) are related as:

0

- Ans
- 1. $t_F = (9/5) t_C$
 - 2. $t_F = (9/5) t_C + 32$
 - 3. $t_F = (5/9) t_C$

4. $t_F = (5/9)t_C + 32$

Question ID : 2134098954
Option 1 ID : 21340935814
Option 2 ID : 21340935813
Option 3 ID : 21340935815
Option 4 ID : 21340935816
Status : Answered
Chosen Option : 2

Q.8
1 What is the square root of 0.000225?

- Ans 1. 0.0015
 2. 0.015
 3. 0.005
 4. 0.0125

Question ID : 2134098998
Option 1 ID : 21340935991
Option 2 ID : 21340935989
Option 3 ID : 21340935990
Option 4 ID : 21340935992
Status : Answered
Chosen Option : 2

Q.8
2 $\triangle DEF$ is similar to $\triangle PQR$. If the ratio of semi-perimeter of $\triangle DEF$ and $\triangle PQR$ is 4 : 5 and if $PQ = 15$ cm, then the length of DE is:

- Ans 1. 12 cm
 2. 20 cm
 3. 10 cm
 4. 8 cm

Question ID : 2134098991
Option 1 ID : 21340935964
Option 2 ID : 21340935961
Option 3 ID : 21340935963
Option 4 ID : 21340935962
Status : Answered
Chosen Option : 1

Q.8
3 Which country did India beat to win the Under19 Cricket Asia Cup 2018?

- Ans 1. Bangladesh
 2. Afghanistan
 3. Pakistan
 4. Sri Lanka

Question ID : 2134098926
Option 1 ID : 21340935704
Option 2 ID : 21340935702
Option 3 ID : 21340935701
Option 4 ID : 21340935703

Status : Answered
Chosen Option : 3

Q.8
4 The view of an object produced on a vertical plane is referred to as:

- Ans
- 1. Right hand side view
 - 2. Top view
 - 3. Front view
 - 4. Left hand side view

Question ID : 2134098949
Option 1 ID : 21340935795
Option 2 ID : 21340935794
Option 3 ID : 21340935793
Option 4 ID : 21340935796
Status : Answered
Chosen Option : 3

Q.8
5 Who was appointed as the Chief Justice of India on 03.10.2018?

- Ans
- 1. Mr. N.V. Ramana
 - 2. Mr. Ranjan Gogoi
 - 3. Mr. Kurian Joseph
 - 4. Mr. Arjan Kumar Sikri

Question ID : 2134098933
Option 1 ID : 21340935732
Option 2 ID : 21340935729
Option 3 ID : 21340935730
Option 4 ID : 21340935731
Status : Answered
Chosen Option : 2

Q.8
6 The specific heat capacity of a substance is defined by:

- Ans
- 1. $m(\Delta Q/\Delta T)$
 - 2. $m(\Delta T/\Delta Q)$
 - 3. $(1/m)(\Delta Q/\Delta T)$
 - 4. $(1/m)(\Delta T/\Delta Q)$

Question ID : 2134098953
Option 1 ID : 21340935809
Option 2 ID : 21340935812
Option 3 ID : 21340935810
Option 4 ID : 21340935811
Status : Not Answered
Chosen Option : --

Q.8
7 10 % of 1000 % of 100 = ?

Ans

- ✓ 1. 100
- ✗ 2. 105
- ✗ 3. 110
- ✗ 4. 102

Question ID : 2134098996
Option 1 ID : 21340935981
Option 2 ID : 21340935983
Option 3 ID : 21340935984
Option 4 ID : 21340935982
Status : Answered
Chosen Option : 1

Q.8 A pair of plier and scissor are together considered as a _____ Class 1 lever.

- Ans
- ✗ 1. triple
 - ✗ 2. single
 - ✓ 3. double
 - ✗ 4. simple

Question ID : 2134098960
Option 1 ID : 21340935839
Option 2 ID : 21340935838
Option 3 ID : 21340935837
Option 4 ID : 21340935840
Status : Answered
Chosen Option : 4

Q.8 A component that adds to a software program's functionality is called as: _____.

- Ans
- ✗ 1. Modem
 - ✗ 2. Server
 - ✗ 3. Processor
 - ✓ 4. Plug-in

Question ID : 2134098957
Option 1 ID : 21340935825
Option 2 ID : 21340935826
Option 3 ID : 21340935827
Option 4 ID : 21340935828
Status : Answered
Chosen Option : 3

Q.9 If C % D means C is the wife of D; C & D means C is the father of D; and If C \$ D means C is the daughter of D, then what would X \$ Y % W & Z mean if W has only one daughter?

- Ans
- ✓ 1. X is the sister of Z
 - ✗ 2. Z is the sister of the mother of X
 - ✗ 3. X is the son of Z
 - ✗ 4. Z is the sister of X

Question ID : 2134099009
Option 1 ID : 21340936033
Option 2 ID : 21340936035
Option 3 ID : 21340936036
Option 4 ID : 21340936034
Status : **Not Answered**
Chosen Option : --

Q.9 Our electricity bills carry the energy consumption, expressed in units of _____.

1

- Ans
- 1. kWh
 - 2. KVA
 - 3. kW
 - 4. KJ

Question ID : 2134098939
Option 1 ID : 21340935754
Option 2 ID : 21340935756
Option 3 ID : 21340935753
Option 4 ID : 21340935755
Status : **Answered**
Chosen Option : 1

Q.9 The length and breadth of a rectangle is 6 cms and 8cms respectively. Then what will be the area of a square whose side is equal to the length of the diagonal of this rectangle.

2

- Ans
- 1. 92 cm²
 - 2. 196 cm²
 - 3. 100 cm²
 - 4. 96 cm²

Question ID : 2134098983
Option 1 ID : 21340935930
Option 2 ID : 21340935932
Option 3 ID : 21340935929
Option 4 ID : 21340935931
Status : **Answered**
Chosen Option : 3

Q.9 A series is given, with one number missing. Choose the correct alternative from the given ones that will complete the series.

3

7.4, 8.7, 10.0, 11.3, ?, 13.9

- Ans
- 1. 11.9
 - 2. 11.7
 - 3. 12.6
 - 4. 12.3

Question ID : 2134099004
Option 1 ID : 21340936014
Option 2 ID : 21340936013
Option 3 ID : 21340936016
Option 4 ID : 21340936015
Status : **Answered**

Chosen Option : 3

Q.9
4 The median of 2, 9, 11, 7, 3, 4, 8, 5, 3, 6 is:

- Ans
- 1. 4
 - 2. 5
 - 3. 3.5
 - 4. 5.5

Question ID : 2134098997
Option 1 ID : 21340935986
Option 2 ID : 21340935988
Option 3 ID : 21340935985
Option 4 ID : 21340935987

Status : Answered

Chosen Option : 4

Q.9
5 An article was sold for ₹ 1000. Had a discount of 16% was offered, a profit of 5% would have been made. What is the cost price of the article?

- Ans
- 1. ₹ 880
 - 2. ₹ 840
 - 3. ₹ 750
 - 4. ₹ 800

Question ID : 2134098980
Option 1 ID : 21340935920
Option 2 ID : 21340935919
Option 3 ID : 21340935917
Option 4 ID : 21340935918

Status : Answered

Chosen Option : 4

Q.9
6 Find the odd set of letter from the given alternatives.

- Ans
- 1. JLN
 - 2. MNO
 - 3. RTV
 - 4. CEG

Question ID : 2134099017
Option 1 ID : 21340936068
Option 2 ID : 21340936065
Option 3 ID : 21340936066
Option 4 ID : 21340936067

Status : Answered

Chosen Option : 2

Q.9
7 Standing up and supporting the lower back with hands, then gently arching back and holding this posture for some time is called as:

- Ans
- 1. Finger fan
 - 2. Back arching

- 3. Wrist stretch
- 4. Pectoral stretch

Question ID : 2134098956
Option 1 ID : 21340935822
Option 2 ID : 21340935824
Option 3 ID : 21340935821
Option 4 ID : 21340935823
Status : Answered
Chosen Option : 4

Q.9 Which two signs should be interchanged to correct the given equation?

$$15 \div 3 + 2 \times 10 - 6 = 14$$

- Ans
- 1. \div and -
 - 2. + and x
 - 3. + and -
 - 4. \div and +

Question ID : 2134099008
Option 1 ID : 21340936032
Option 2 ID : 21340936031
Option 3 ID : 21340936030
Option 4 ID : 21340936029
Status : Answered
Chosen Option : 2

Q.9 निम्नलिखित में से कौन तारदार वाद्य यंत्र (स्ट्रिंग म्यूजिकल इंस्ट्रूमेंट) का एक प्रकार नहीं है?

- Ans
- 1. वायोलिन
 - 2. सेलो
 - 3. बास
 - 4. तुरही

Question ID : 2134098934
Option 1 ID : 21340935733
Option 2 ID : 21340935734
Option 3 ID : 21340935735
Option 4 ID : 21340935736
Status : Answered
Chosen Option : 2

Q.1 What was the day of the week on January 26, 1989?

- Ans
- 1. Thursday
 - 2. Tuesday
 - 3. Sunday
 - 4. Monday

Question ID : 2134098992

Option 1 ID : 21340935968
Option 2 ID : 21340935967
Option 3 ID : 21340935965
Option 4 ID : 21340935966
Status : Answered
Chosen Option : 1

Section : Electronics Mechanic

Q.1 In the context of cables, FRC stands for:

- Ans
- 1. Full Rolling Cable
 - 2. Fat Ribbon Cable
 - 3. Fast Reeling Cable
 - 4. Flat Ribbon Cable

Question ID : 2134099094
Option 1 ID : 21340936376
Option 2 ID : 21340936374
Option 3 ID : 21340936373
Option 4 ID : 21340936375
Status : Answered
Chosen Option : 3

Q.2 What is the use of an RTD?

- Ans
- 1. Measuring temperature
 - 2. Measuring pressure
 - 3. Measuring humidity
 - 4. Measuring position

Question ID : 2134099079
Option 1 ID : 21340936313
Option 2 ID : 21340936314
Option 3 ID : 21340936315
Option 4 ID : 21340936316
Status : Not Answered
Chosen Option : --

Q.3 Which of the following shows the proper biasing of a PNP transistor?

- Ans
- 1.
base and emitter - forward bias; collector and emitter - reverse bias
 - 2.
base and emitter - forward bias; collector and emitter - forward bias
 - 3.
base and emitter - reverse bias; collector and emitter - forward bias
 - 4.
base and emitter - reverse bias; collector and emitter - reverse bias

Question ID : 2134099047
Option 1 ID : 21340936186
Option 2 ID : 21340936187
Option 3 ID : 21340936185
Option 4 ID : 21340936188
Status : Answered
Chosen Option : 1

Q.4 In an op-amp, the input impedance is _____ and the output impedance is _____.

- Ans
- 1. high; high
 - 2. low; low
 - 3. low; high
 - 4. high; low

Question ID : 2134099069
Option 1 ID : 21340936276
Option 2 ID : 21340936275
Option 3 ID : 21340936273
Option 4 ID : 21340936274
Status : Answered
Chosen Option : 3

Q.5 Which of the following devices requires a battery?

- Ans
- 1. Step-up chopper
 - 2. stabilizer
 - 3. Step-down chopper
 - 4. UPS

Question ID : 2134099086
Option 1 ID : 21340936342
Option 2 ID : 21340936341
Option 3 ID : 21340936344
Option 4 ID : 21340936343
Status : Answered
Chosen Option : 4

Q.6 10 cells each with an EMF of 1.5 V and an internal resistance of 0.1 Ω are connected in series. What will be the total EMF and resistance of the circuit?

- Ans
- 1. 3.21 V and 1.5 Ω
 - 2. 1.18 V and 1.5 Ω
 - 3. 4.15 V and 2.0 Ω
 - 4. 15 V and 1.0 Ω

Question ID : 2134099032
Option 1 ID : 21340936127
Option 2 ID : 21340936125
Option 3 ID : 21340936128
Option 4 ID : 21340936126
Status : Answered
Chosen Option : 4

Q.7 In an amplifier with a positive feedback circuit, gain:

- Ans
- 1. Decreases
 - 2. remains constant
 - 3. Increases
 - 4. first increases and then decreases

Question ID : 2134099053
Option 1 ID : 21340936210
Option 2 ID : 21340936211
Option 3 ID : 21340936209
Option 4 ID : 21340936212
Status : Not Answered
Chosen Option : --

Q.8 A full-wave bridge rectifier consists of:

- Ans
- 1. one diode
 - 2. two diodes
 - 3. three diodes
 - 4. four diodes

Question ID : 2134099038
Option 1 ID : 21340936152
Option 2 ID : 21340936149
Option 3 ID : 21340936150
Option 4 ID : 21340936151
Status : Answered
Chosen Option : 4

Q.9 A circuit that changes a code into a set of signals is called

- Ans
- 1. Encoder
 - 2. multiplexer
 - 3. Decoder
 - 4. Selector

Question ID : 2134099062
Option 1 ID : 21340936246
Option 2 ID : 21340936248
Option 3 ID : 21340936245
Option 4 ID : 21340936247
Status : Answered
Chosen Option : 3

Q.1 For which of the following gates the output is zero when one or more inputs are zero?

- Ans
- 1. OR
 - 2. NOR
 - 3. NOT

✓ 4. AND

Question ID : 2134099064
Option 1 ID : 21340936254
Option 2 ID : 21340936256
Option 3 ID : 21340936255
Option 4 ID : 21340936253
Status : Answered
Chosen Option : 4

Q.1
1 Fibre cables used for 'Fibre to Home' installations are _____.

- Ans
- ✗ 1. multimode graded
 - ✗ 2. multimode step
 - ✗ 3. multiaxis
 - ✓ 4. single mode

Question ID : 2134099100
Option 1 ID : 21340936399
Option 2 ID : 21340936398
Option 3 ID : 21340936397
Option 4 ID : 21340936400
Status : Not Answered
Chosen Option : --

Q.1
2 Which of the following circuit has its output dependent only upon the present input?

- Ans
- ✗ 1. Analog Circuits
 - ✗ 2. Flip Flops
 - ✓ 3. Combinational Circuits
 - ✗ 4. Sequential Circuits

Question ID : 2134099042
Option 1 ID : 21340936165
Option 2 ID : 21340936168
Option 3 ID : 21340936166
Option 4 ID : 21340936167
Status : Answered
Chosen Option : 3

Q.1
3 The output impedance of a MOSFET is:

- Ans
- ✗ 1. Medium impedance
 - ✓ 2. Low impedance
 - ✗ 3. Extreme high impedance
 - ✗ 4. High impedance

Question ID : 2134099060
Option 1 ID : 21340936238
Option 2 ID : 21340936237

Option 3 ID : 21340936240
Option 4 ID : 21340936239
Status : Answered
Chosen Option : 2

Q.1
4 The waveform in a DSO is stored in _____ form.

- Ans
- 1. Digital
 - 2. Expanded
 - 3. Analog
 - 4. Mixed

Question ID : 2134099072
Option 1 ID : 21340936287
Option 2 ID : 21340936288
Option 3 ID : 21340936285
Option 4 ID : 21340936286
Status : Answered
Chosen Option : 1

Q.1
5 Which of the following is a function of an inductor?

- Ans
- 1. It opposes the flow of AC
 - 2. It allows the flow of current.
 - 3. It opposes the flow of DC.
 - 4. It opposes the flow of both AC and DC.

Question ID : 2134099030
Option 1 ID : 21340936118
Option 2 ID : 21340936117
Option 3 ID : 21340936119
Option 4 ID : 21340936120
Status : Answered
Chosen Option : 2

Q.1
6 78xx series ICs are:

- Ans
- 1. zener regulated
 - 2. series regulated
 - 3. shunt regulated
 - 4. series and shunt regulated

Question ID : 2134099040
Option 1 ID : 21340936160
Option 2 ID : 21340936158
Option 3 ID : 21340936157
Option 4 ID : 21340936159
Status : Not Answered
Chosen Option : --

Q.1
7 In MS Excel, we cannot calculate:

- Ans
- 1. division solutions
 - 2. integration solutions
 - 3. arithmetic solutions
 - 4. multiplication solutions

Question ID : 2134099044
Option 1 ID : 21340936175
Option 2 ID : 21340936174
Option 3 ID : 21340936173
Option 4 ID : 21340936176
Status : Answered
Chosen Option : 2

Q.1
8 Eddy current proximity sensors can detect _____.

- Ans
- 1. cotton
 - 2. metal
 - 3. wood
 - 4. epoxy

Question ID : 2134099098
Option 1 ID : 21340936392
Option 2 ID : 21340936389
Option 3 ID : 21340936390
Option 4 ID : 21340936391
Status : Answered
Chosen Option : 2

Q.1
9 CRO stands for:

- Ans
- 1. Cathode Relay Oscilloscope
 - 2. Cathode Ray Oscilloscope
 - 3. Cathode Rectifier Oscilloscope
 - 4. Cathode register oscilloscope

Question ID : 2134099037
Option 1 ID : 21340936147
Option 2 ID : 21340936146
Option 3 ID : 21340936145
Option 4 ID : 21340936148
Status : Answered
Chosen Option : 2

Q.2
0 An IC with four NOR gates is:

- Ans
- 1. 7486
 - 2. 7404
 - 3. 7432

✓ 4. 7402

Question ID : 2134099065
Option 1 ID : 21340936257
Option 2 ID : 21340936260
Option 3 ID : 21340936259
Option 4 ID : 21340936258
Status : Answered
Chosen Option : 2

Q.2
1 Windows 10 is a/an:

- Ans
- ✗ 1. booting system
 - ✗ 2. operating and booting system
 - ✓ 3. operating system
 - ✗ 4. counting pulse

Question ID : 2134099041
Option 1 ID : 21340936162
Option 2 ID : 21340936163
Option 3 ID : 21340936161
Option 4 ID : 21340936164
Status : Answered
Chosen Option : 3

Q.2
2 Impedance can be measured by using which of the following equipment?

- Ans
- ✗ 1. CRO
 - ✓ 2. LCR meter
 - ✗ 3. Function generator
 - ✗ 4. DSO

Question ID : 2134099092
Option 1 ID : 21340936367
Option 2 ID : 21340936368
Option 3 ID : 21340936366
Option 4 ID : 21340936365
Status : Answered
Chosen Option : 2

Q.2
3 In a bipolar transistor, alpha is the ratio of:

- Ans
- ✓ 1. collector current to emitter current
 - ✗ 2. emitter current to collector current
 - ✗ 3. base current to collector current
 - ✗ 4. collector current to base current

Question ID : 2134099046
Option 1 ID : 21340936182
Option 2 ID : 21340936184
Option 3 ID : 21340936183
Option 4 ID : 21340936181

Status : Answered
Chosen Option : 1

Q.2
4 Race Around condition can be avoided in Digital logic circuits using?

- Ans
- 1. Shift Register
 - 2. Master Slave JK Flip Flop
 - 3. Full Adder
 - 4. AND Gate

Question ID : 2134099063
Option 1 ID : 21340936251
Option 2 ID : 21340936250
Option 3 ID : 21340936249
Option 4 ID : 21340936252
Status : Answered
Chosen Option : 2

Q.2
5 In two-stage LC coupling, the function of a C_c capacitor is:

- Ans
- 1. to allow AC and DC to pass
 - 2. to block AC and DC
 - 3. to block DC voltage
 - 4. to block AC input signal

Question ID : 2134099051
Option 1 ID : 21340936204
Option 2 ID : 21340936203
Option 3 ID : 21340936202
Option 4 ID : 21340936201
Status : Not Answered
Chosen Option : --

Q.2
6 A _____ can be represented as two port linear network.

- Ans
- 1. common base
 - 2. common collector
 - 3. common emitter
 - 4. hybrid parameter

Question ID : 2134099045
Option 1 ID : 21340936179
Option 2 ID : 21340936177
Option 3 ID : 21340936178
Option 4 ID : 21340936180
Status : Answered
Chosen Option : 4

Q.2
7 A capacitor consists of _____ metal plates separated by an insulator.

- Ans
- 1. Three

- 2. Two
- 3. four
- 4. one

Question ID : 2134099029
Option 1 ID : 21340936116
Option 2 ID : 21340936113
Option 3 ID : 21340936114
Option 4 ID : 21340936115
Status : Answered
Chosen Option : 2

Q.2
8 What is the frequency band of shortwave radio transmission?

- Ans
- 1. 1.7 to 30 GHz
 - 2. 1.7 to 30 MHz
 - 3. 1.7 to 30 kHz
 - 4. 1.7 to 30 Hz

Question ID : 2134099076
Option 1 ID : 21340936302
Option 2 ID : 21340936304
Option 3 ID : 21340936303
Option 4 ID : 21340936301
Status : Answered
Chosen Option : 2

Q.2
9 What will be the power required by a bulb load having a resistance of $50\ \Omega$ if the voltage applied is 220 V?

- Ans
- 1. 828 W
 - 2. 1068 W
 - 3. 968 W
 - 4. 200 W

Question ID : 2134099088
Option 1 ID : 21340936350
Option 2 ID : 21340936351
Option 3 ID : 21340936352
Option 4 ID : 21340936349
Status : Answered
Chosen Option : 3

Q.3
0 Which of the following is an application of transformers?

- Ans
- 1. AC to AC conversion with isolation
 - 2. Regulate DC voltage
 - 3. DC to AC conversion
 - 4. AC to DC conversion

Question ID : 2134099034
Option 1 ID : 21340936135
Option 2 ID : 21340936136

Option 3 ID : 21340936134
Option 4 ID : 21340936133
Status : Answered
Chosen Option : 1

Q.3
1 If current = 1.414 A and resistance = 50 Ω , then find power.

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

Question ID : 2134099026
Option 1 ID : 21340936104
Option 2 ID : 21340936102
Option 3 ID : 21340936101
Option 4 ID : 21340936103
Status : Answered
Chosen Option : 2

Q.3
2 What is the number of cycles completed by a 50-Hz line in 10 seconds?

- Ans
- 1. 5000
 - 2. 5
 - 3. 500
 - 4. 50

Question ID : 2134099089
Option 1 ID : 21340936356
Option 2 ID : 21340936353
Option 3 ID : 21340936355
Option 4 ID : 21340936354
Status : Answered
Chosen Option : 3

Q.3
3 Input ripple of SMPS is _____.

- Ans
- 1. high
 - 2. nil
 - 3. very low
 - 4. low

Question ID : 2134099085
Option 1 ID : 21340936338
Option 2 ID : 21340936339
Option 3 ID : 21340936340
Option 4 ID : 21340936337
Status : Not Answered
Chosen Option : --

Q.3
4 UJT is not used for:

Ans

- 1. timing circuits
- 2. phase control
- 3. triggering an SCR/TRIAC
- 4. amplification

Question ID : 2134099058
Option 1 ID : 21340936229
Option 2 ID : 21340936231
Option 3 ID : 21340936230
Option 4 ID : 21340936232
Status : Answered
Chosen Option : 3

Q.3
5 The output of Schmitt trigger is:

- Ans
- 1. Sine wave
 - 2. Square wave
 - 3. Random wave
 - 4. Rectangle wave

Question ID : 2134099055
Option 1 ID : 21340936217
Option 2 ID : 21340936218
Option 3 ID : 21340936219
Option 4 ID : 21340936220
Status : Not Answered
Chosen Option : --

Q.3
6 Which component of a digital panel meter converts analogue signals into a digital format?

- Ans
- 1. ADC
 - 2. comparator
 - 3. magnetic field sensor
 - 4. hall sensor

Question ID : 2134099083
Option 1 ID : 21340936332
Option 2 ID : 21340936329
Option 3 ID : 21340936330
Option 4 ID : 21340936331
Status : Answered
Chosen Option : 1

Q.3
7 Which of the following is a function of a resistor?

- Ans
- 1. It both allows and opposes the flow of current.
 - 2. It opposes the flow of current.
 - 3. It allows the flow of current.
 - 4. It neither allows nor opposes the flow of current.

Question ID : 2134099028
Option 1 ID : 21340936111
Option 2 ID : 21340936110
Option 3 ID : 21340936109
Option 4 ID : 21340936112
Status : Answered
Chosen Option : 2

Q.3
8 Heat sink of a power transistor can be used for:

- Ans
- 1. additional heat observation
 - 2. additional heat dissipation
 - 3. additional heat dissolution in water
 - 4. increasing the heat

Question ID : 2134099050
Option 1 ID : 21340936198
Option 2 ID : 21340936197
Option 3 ID : 21340936199
Option 4 ID : 21340936200
Status : Answered
Chosen Option : 2

Q.3
9 Transformer losses are due to:

- Ans
- 1. core and copper losses
 - 2. primary loss
 - 3. only core losses
 - 4. only copper losses

Question ID : 2134099033
Option 1 ID : 21340936129
Option 2 ID : 21340936132
Option 3 ID : 21340936131
Option 4 ID : 21340936130
Status : Answered
Chosen Option : 1

Q.4
0 Which of the following is used as a receiver for fibre optic communication?

- Ans
- 1. LED
 - 2. IR diode
 - 3. Photo diode
 - 4. LDR

Question ID : 2134099082
Option 1 ID : 21340936328
Option 2 ID : 21340936327
Option 3 ID : 21340936326
Option 4 ID : 21340936325

Status : Answered
Chosen Option : 4

Q.4
1 In 8051 microcontroller the resultant of two numbers added is _____.

- Ans
- 1. Erased
 - 2. not stored anywhere
 - 3. stored in the accumulator
 - 4. stored in the register

Question ID : 2134099078
Option 1 ID : 21340936309
Option 2 ID : 21340936311
Option 3 ID : 21340936312
Option 4 ID : 21340936310
Status : Answered
Chosen Option : 3

Q.4
2 The following short name is also called as _____ for diode alternating current.

- Ans
- 1. DIAC
 - 2. SCR
 - 3. FET
 - 4. TRIAC

Question ID : 2134099057
Option 1 ID : 21340936226
Option 2 ID : 21340936225
Option 3 ID : 21340936228
Option 4 ID : 21340936227
Status : Answered
Chosen Option : 1

Q.4
3 The binary representation for the hexadecimal number 4A is:

- Ans
- 1. 101111
 - 2. 111101
 - 3. 101101
 - 4. 1001010

Question ID : 2134099066
Option 1 ID : 21340936263
Option 2 ID : 21340936262
Option 3 ID : 21340936264
Option 4 ID : 21340936261
Status : Answered
Chosen Option : 4

Q.4
4 The motor used in household refrigerators is

- Ans
- 1. single phase induction motor

- 2. Hysteresis motor
- 3. dc series motor
- 4. Reluctance motor

Question ID : 2134099074
Option 1 ID : 21340936296
Option 2 ID : 21340936294
Option 3 ID : 21340936295
Option 4 ID : 21340936293
Status : Not Answered
Chosen Option : --

Q.4
5 A push-pull amplifier is used for:

- Ans
- 1. voltage amplification
 - 2. current amplification
 - 3. RF signal amplification
 - 4. power amplification

Question ID : 2134099054
Option 1 ID : 21340936213
Option 2 ID : 21340936214
Option 3 ID : 21340936216
Option 4 ID : 21340936215
Status : Not Answered
Chosen Option : --

Q.4
6 Which of the following statements is true with respect to a Primary Cell?

- Ans
- 1. It can neither be recharged nor be reused.
 - 2. It cannot be recharged but can be reused.
 - 3. It can be recharged and reused.
 - 4. It can be recharged but cannot be reused.

Question ID : 2134099031
Option 1 ID : 21340936124
Option 2 ID : 21340936122
Option 3 ID : 21340936121
Option 4 ID : 21340936123
Status : Answered
Chosen Option : 1

Q.4
7 Most widely used solar cell material is

- Ans
- 1. steel
 - 2. silicon
 - 3. mercury
 - 4. Cast iron

Question ID : 2134099096
Option 1 ID : 21340936381
Option 2 ID : 21340936383
Option 3 ID : 21340936382
Option 4 ID : 21340936384
Status : Answered
Chosen Option : 2

Q.4
8 Burglar alarm circuits consist of

- Ans
- 1. LCDs
 - 2. VCDs
 - 3. LVDs
 - 4. IRLEDs

Question ID : 2134099061
Option 1 ID : 21340936243
Option 2 ID : 21340936244
Option 3 ID : 21340936241
Option 4 ID : 21340936242
Status : Not Answered
Chosen Option : --

Q.4
9 What happens if a capacitor is placed in parallel with a DC source?

- Ans
- 1. It amplifies the voltage.
 - 2. The circuit acts as an open circuit.
 - 3. The circuit acts as a short circuit.
 - 4. It converts DC to AC.

Question ID : 2134099090
Option 1 ID : 21340936357
Option 2 ID : 21340936359
Option 3 ID : 21340936360
Option 4 ID : 21340936358
Status : Answered
Chosen Option : 3

Q.5
0 If a capacitor is placed in the feedback path of an op-amp circuit, then the circuit can act as

- Ans
- 1. integrator
 - 2. multiplier
 - 3. divider
 - 4. subtractor

Question ID : 2134099070
Option 1 ID : 21340936279
Option 2 ID : 21340936280
Option 3 ID : 21340936278
Option 4 ID : 21340936277
Status : Answered
Chosen Option : 1

Q.5 The device used for converting continuous DC to discontinuous DC is known as a/an _____.

1

- Ans
- 1. chopper
 - 2. rectifier
 - 3. oscillator
 - 4. amplifier

Question ID : 2134099084
Option 1 ID : 21340936334
Option 2 ID : 21340936333
Option 3 ID : 21340936336
Option 4 ID : 21340936335
Status : Not Answered
Chosen Option : --

Q.5 A limiter circuit is also known as a:

2

- Ans
- 1. clamp circuit
 - 2. chopping circuit
 - 3. clipper circuit
 - 4. chopper circuit

Question ID : 2134099056
Option 1 ID : 21340936221
Option 2 ID : 21340936224
Option 3 ID : 21340936222
Option 4 ID : 21340936223
Status : Answered
Chosen Option : 3

Q.5 Forward biasing of a PN junction diode is indicated by which of the following connections?

3

- Ans
- 1. -ve to anode and +ve to cathode for full cycle
 - 2. +ve to anode and -ve to cathode for full cycle
 - 3. +ve to cathode and -ve to anode for one half cycle, and +ve to anode and -ve to cathode for the second half cycle.
 - 4. -ve to cathode and -ve to anode for full cycle

Question ID : 2134099039
Option 1 ID : 21340936154
Option 2 ID : 21340936153
Option 3 ID : 21340936156
Option 4 ID : 21340936155
Status : Answered
Chosen Option : 1

Q.5 For pulse generation, the IC used is:

4

- Ans
- 1. 7402
 - 2. 555

3. 7805

4. 7432

Question ID : 2134099071
Option 1 ID : 21340936282
Option 2 ID : 21340936283
Option 3 ID : 21340936284
Option 4 ID : 21340936281
Status : Answered
Chosen Option : 2

Q.5
5 What is the material used for the manufacture of fibre optic cables?

Ans 1. Wood

2. Steel

3. Plastic

4. Glass

Question ID : 2134099081
Option 1 ID : 21340936322
Option 2 ID : 21340936321
Option 3 ID : 21340936323
Option 4 ID : 21340936324
Status : Answered
Chosen Option : 4

Q.5
6 The source of light for optic fibre transmission is _____.

Ans 1. ARC lamp

2. LED

3. mercury lamp

4. incandescent lamp

Question ID : 2134099099
Option 1 ID : 21340936395
Option 2 ID : 21340936393
Option 3 ID : 21340936396
Option 4 ID : 21340936394
Status : Answered
Chosen Option : 1

Q.5
7 BC194 is the transistor used for:

Ans 1. the amplification of AF and RF signals

2. the rectification of AC

3. the amplification of AF signal

4. the amplification of RF signal

Question ID : 2134099049
Option 1 ID : 21340936195
Option 2 ID : 21340936196

Option 3 ID : 21340936194
Option 4 ID : 21340936193
Status : Not Answered
Chosen Option : --

Q.5
8 How many counter/timer does the 8051 microcontroller have?

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

Question ID : 2134099077
Option 1 ID : 21340936307
Option 2 ID : 21340936305
Option 3 ID : 21340936306
Option 4 ID : 21340936308
Status : Answered
Chosen Option : 1

Q.5
9 The frequency of the rotor current in an induction motor is equal to:

- Ans
- 1. slip \times input frequency
 - 2. slip \times stator current
 - 3. half of the input frequency
 - 4. the stator current

Question ID : 2134099073
Option 1 ID : 21340936289
Option 2 ID : 21340936290
Option 3 ID : 21340936292
Option 4 ID : 21340936291
Status : Not Answered
Chosen Option : --

Q.6
0 What is unity gain amplifier also known as?

- Ans
- 1. Voltage follower
 - 2. Comparator
 - 3. Single sided
 - 4. Differential

Question ID : 2134099093
Option 1 ID : 21340936372
Option 2 ID : 21340936369
Option 3 ID : 21340936371
Option 4 ID : 21340936370
Status : Answered
Chosen Option : 1

Q.6
1 What happens to the resistance of an RTD with an increase in temperature?

- Ans
- 1. It is uncertain.
 - 2. It increases.
 - 3. It remains the same.
 - 4. It decreases.

Question ID : 2134099097
Option 1 ID : 21340936386
Option 2 ID : 21340936387
Option 3 ID : 21340936385
Option 4 ID : 21340936388
Status : Not Answered
Chosen Option : --

Q.6
2 16-bit registers consist of:

- Ans
- 1. 16 flip-flops
 - 2. 20 flip-flops
 - 3. 12 flip-flops
 - 4. 8 flip-flops

Question ID : 2134099068
Option 1 ID : 21340936269
Option 2 ID : 21340936270
Option 3 ID : 21340936272
Option 4 ID : 21340936271
Status : Answered
Chosen Option : 1

Q.6
3 Cells are connected in series in order to

- Ans
- 1. Decrease the voltage
 - 2. Increase the Voltage
 - 3. Increase the current
 - 4. increase the cell life

Question ID : 2134099091
Option 1 ID : 21340936362
Option 2 ID : 21340936363
Option 3 ID : 21340936361
Option 4 ID : 21340936364
Status : Answered
Chosen Option : 2

Q.6
4 The combination of two half adders is a _____.

- Ans
- 1. full adder
 - 2. Schmitt trigger
 - 3. Comparator
 - 4. half adder

Question ID : 2134099067
Option 1 ID : 21340936265
Option 2 ID : 21340936267
Option 3 ID : 21340936268
Option 4 ID : 21340936266
Status : Answered
Chosen Option : 1

Q.6
5 The average value of sine wave is _____ times the peak value.

- Ans
- 1. 1.414
 - 2. 0.637
 - 3. 2.414
 - 4. 1.732

Question ID : 2134099043
Option 1 ID : 21340936170
Option 2 ID : 21340936169
Option 3 ID : 21340936172
Option 4 ID : 21340936171
Status : Answered
Chosen Option : 1

Q.6
6 Identify the type of antenna shown in the following picture.



- Ans
- 1. Circular
 - 2. Bi-pole
 - 3. Monopole
 - 4. Yagi

Question ID : 2134099095
Option 1 ID : 21340936379
Option 2 ID : 21340936377
Option 3 ID : 21340936380
Option 4 ID : 21340936378
Status : Answered
Chosen Option : 4

Q.6
7 Sine Wave RMS = _____.

- Ans
- 1. Peak voltage / Square root of 5
 - 2. Peak voltage / Square root of 2

3. Peak voltage / Square root of 6

4. Peak voltage / Square root of 3

Question ID : 2134099027

Option 1 ID : 21340936107

Option 2 ID : 21340936106

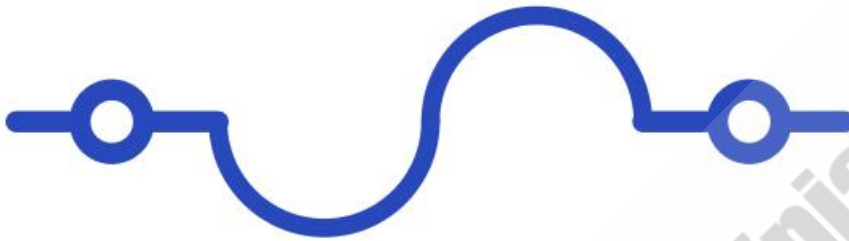
Option 3 ID : 21340936108

Option 4 ID : 21340936105

Status : Answered

Chosen Option : 2

Q.6
8 The following figure represents a/an _____.



Ans 1. HEATER

2. FUSE

3. MCB

4. SWITCH

Question ID : 2134099075

Option 1 ID : 21340936300

Option 2 ID : 21340936299

Option 3 ID : 21340936297

Option 4 ID : 21340936298

Status : Not Answered

Chosen Option : --

Q.6
9 The power factor of a D.C. circuit is always

Ans 1. Leading

2. Unity

3. Lagging

4. zero

Question ID : 2134099036

Option 1 ID : 21340936143

Option 2 ID : 21340936142

Option 3 ID : 21340936141

Option 4 ID : 21340936144

Status : Not Answered

Chosen Option : --

Q.7
0 In simple oscillators, _____ are used.

- Ans 1. UJTs
 2. zener diodes
 3. SCRs
 4. TRIACs

Question ID : 2134099059
Option 1 ID : 21340936235
Option 2 ID : 21340936236
Option 3 ID : 21340936234
Option 4 ID : 21340936233
Status : Not Answered
Chosen Option : --

Q.7
1 An LVDT is used for measuring _____.

- Ans 1. frequency
 2. speed
 3. temperature
 4. displacement

Question ID : 2134099080
Option 1 ID : 21340936318
Option 2 ID : 21340936317
Option 3 ID : 21340936320
Option 4 ID : 21340936319
Status : Answered
Chosen Option : 3

Q.7
2 The gain of an amplifier with feedback is known as _____ gain.

- Ans 1. High
 2. Open loop
 3. Closed loop
 4. Low

Question ID : 2134099052
Option 1 ID : 21340936207
Option 2 ID : 21340936205
Option 3 ID : 21340936206
Option 4 ID : 21340936208
Status : Answered
Chosen Option : 3

Q.7
3 In case of an AC input signal in CE Transistor Load line can be given by a plot of

- Ans 1. VCE & Ic
 2. VBE vs Ic
 3. VCE & Rc
 4. VBE vs Ib

Question ID : 2134099048
Option 1 ID : 21340936189
Option 2 ID : 21340936191
Option 3 ID : 21340936190
Option 4 ID : 21340936192
Status : Not Answered
Chosen Option : --

Q.7
4 The current towards a junction is:

- Ans
- 1. twice the current towards the junction
 - 2. equal to the current away from the junction
 - 3. equal to the sum of currents towards the junction
 - 4. not equal to the current away from the junction

Question ID : 2134099035
Option 1 ID : 21340936140
Option 2 ID : 21340936137
Option 3 ID : 21340936138
Option 4 ID : 21340936139
Status : Answered
Chosen Option : 2

Q.7
5 How can a higher voltage be obtained from a solar cell?

- Ans
- 1. By connecting multiple cells in series
 - 2. By increasing its thickness
 - 3. By connecting multiple cells in parallel
 - 4. By decreasing its thickness

Question ID : 2134099087
Option 1 ID : 21340936347
Option 2 ID : 21340936345
Option 3 ID : 21340936348
Option 4 ID : 21340936346
Status : Answered
Chosen Option : 1

