

DFCCIL CBT-2

Previous Year Paper
Executive (Electrical)
20 Dec, 2023

Adda247



Dedicated Freight Corridor Corporation of India Ltd.

A Government of India (Ministry of Railways) Enterprise

Participant ID	
Participant Name	
Test Center Name	
Test Date	20/12/2023
Test Time	4:30 PM - 6:30 PM
Subject	Executive Electrical

Section : General Knowledge

Q.1 What cultural artifact, was unveiled as a mascot during the International Museum Expo by Prime Minister Narendra Modi on International Museum Day?

- Ans**
1. Ajanta Caves
 2. Dancing Girl of Mohenjodaro
 3. Taj Mahal
 4. Harappan Seal

Question ID : 630680518440
 Option 1 ID : 6306802026158
 Option 2 ID : 6306802026156
 Option 3 ID : 6306802026159
 Option 4 ID : 6306802026157
 Status : Answered
 Chosen Option : 2

Q.2 UNESCO has officially added Karnataka's Sacred Ensembles of Hoysalas to its prestigious World Heritage list. What are they?

- Ans**
1. Colonial-era Buildings
 2. Ancient Temples
 3. Industrial Landmarks
 4. Modern Art Galleries

Question ID : 630680518439
 Option 1 ID : 6306802026153
 Option 2 ID : 6306802026154
 Option 3 ID : 6306802026155
 Option 4 ID : 6306802026152
 Status : Answered
 Chosen Option : 2

Q.3 The term "Republic" in the Preamble signifies _____.

- Ans
1. Absence of Monarchy
 2. Rule by the President
 3. Equality of all citizens
 4. Rule by the Majority

Question ID : 630680518441
Option 1 ID : 6306802026163
Option 2 ID : 6306802026161
Option 3 ID : 6306802026162
Option 4 ID : 6306802026160
Status : Answered
Chosen Option : 1

Q.4 Narayana Murthy is one of the co-founders of:

- Ans
1. TCS (Tata Consultancy Services)
 2. HCL Technologies
 3. Infosys
 4. Wipro

Question ID : 630680518436
Option 1 ID : 6306802026141
Option 2 ID : 6306802026143
Option 3 ID : 6306802026142
Option 4 ID : 6306802026140
Status : Answered
Chosen Option : 1

Q.5 The Green Revolution in India was primarily focused on increasing the productivity of which crop?

- Ans
1. Wheat
 2. Maize
 3. Sugarcane
 4. Pulses

Question ID : 630680518434
Option 1 ID : 6306802026132
Option 2 ID : 6306802026133
Option 3 ID : 6306802026135
Option 4 ID : 6306802026134
Status : Answered
Chosen Option : 1

Q.6 A towering 27-foot _____ statue, was built to greet G20 leaders at New Delhi's Pragati Maidan.

- Ans
1. Hanuman
 2. Buddha
 3. Narsimha
 4. Nataraja

Question ID : 630680518438
Option 1 ID : 6306802026150
Option 2 ID : 6306802026151
Option 3 ID : 6306802026148
Option 4 ID : 6306802026149
Status : Answered
Chosen Option : 4

Q.7 _____ among the following is a mammal.

- Ans
1. Kangaroo
 2. Crocodile
 3. Frog
 4. Turtle

Question ID : 630680518433
Option 1 ID : 6306802026130
Option 2 ID : 6306802026128
Option 3 ID : 6306802026131
Option 4 ID : 6306802026129
Status : Answered
Chosen Option : 1

Q.8 The Non-Cooperation Movement launched by Mahatma Gandhi in 1920 aimed at:

- Ans
1. Self-Government
 2. Economic Equality
 3. Crown Rule
 4. Social Reforms

Question ID : 630680518435
Option 1 ID : 6306802026137
Option 2 ID : 6306802026139
Option 3 ID : 6306802026136
Option 4 ID : 6306802026138
Status : Answered
Chosen Option : 3

Q.9 _____ won World Billiards Championship for 26th time in November 2023.

- Ans
1. Michael Ferreira
 2. Pankaj Advani
 3. Geet Sethi
 4. Ronnie O'Sullivan

Question ID : 630680518442
Option 1 ID : 6306802026165
Option 2 ID : 6306802026166
Option 3 ID : 6306802026164
Option 4 ID : 6306802026167
Status : Answered
Chosen Option : 4

Q.10 "An Era of Darkness: The British Empire in India" is authored by:

- Ans
1. P. Chidambaram
 2. Shashi Tharoor
 3. Amartya Sen
 4. Arundhati Roy

Question ID : 630680518437
Option 1 ID : 6306802026145
Option 2 ID : 6306802026147
Option 3 ID : 6306802026144
Option 4 ID : 6306802026146
Status : Answered
Chosen Option : 2

Q.11 Nominal GDP is adjusted for inflation to calculate:

- Ans
1. Real GDP
 2. Gross National Income (GNI)
 3. GDP per Capita
 4. Gross Value Added (GVA)

Question ID : 630680518432
Option 1 ID : 6306802026124
Option 2 ID : 6306802026126
Option 3 ID : 6306802026125
Option 4 ID : 6306802026127
Status : Answered
Chosen Option : 2

Q.12 Santoor, a musical instrument played with a pair of wooden mallets, is associated with which Indian classical musician?

- Ans
1. Amjad Ali Khan
 2. Pandit Shivkumar Sharma
 3. Hariprasad Chaurasia
 4. Zakir Hussain

Question ID : 630680518431
 Option 1 ID : 6306802026122
 Option 2 ID : 6306802026123
 Option 3 ID : 6306802026120
 Option 4 ID : 6306802026121
 Status : Answered
 Chosen Option : 2

Section : General Aptitude/Reasoning

Q.1 In a certain code language, if PEOPLE is coded as P4E, VISIT is coded as V3T, then what will CONFLICT be coded

- Ans
1. T
 2. I
 3. IT
 4. C

Question ID : 630680518447
 Option 1 ID : 6306802026186
 Option 2 ID : 6306802026187
 Option 3 ID : 6306802026184
 Option 4 ID : 6306802026185
 Status : Answered
 Chosen Option : 3

Q.2 Assertion (A) consists of two statements Assertion and Reason. Choose the correct option.

A: Sodium chloride absorbs moisture from the atmosphere when it is kept open.

R: Sodium chloride has hygroscopic nature, forms a brine solution by absorbing water molecules.

- Ans
1. Both A and R are true but R is not the correct explanation of A
 2. Both A and R are true and R is the correct explanation of A
 3. A is true but R is false
 4. A is false but R is true

Question ID : 630680518449
 Option 1 ID : 6306802026194
 Option 2 ID : 6306802026195
 Option 3 ID : 6306802026193
 Option 4 ID : 6306802026192
 Status : Answered
 Chosen Option : 2

Q.3

my, and Tia are five sisters. Jia is younger than only two people. Tia is older than Sia but younger than the oldest. Who is the oldest?

Ans

1. ay
2. i
3. ia
4. ia

Question ID : 630680518448

Option 1 ID : 6306802026189

Option 2 ID : 6306802026190

Option 3 ID : 6306802026191

Option 4 ID : 6306802026188

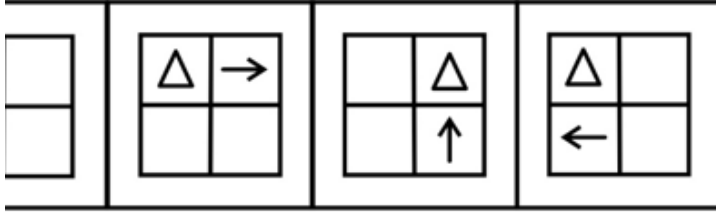
Status : Answered

Chosen Option : 4



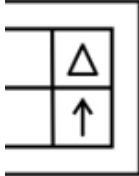
Q.4

ie wrong term in the following figure series.

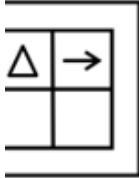


Ans

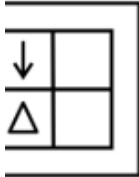
1.



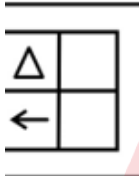
2.



3.



4.



Question ID : 630680518453

Option 1 ID : 6306802026211

Option 2 ID : 6306802026208

Option 3 ID : 6306802026210

Option 4 ID : 6306802026209

Status : Answered

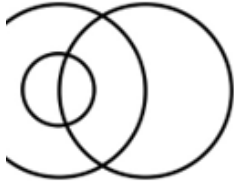
Chosen Option : 4

Q.5 The following Venn- diagram correctly illustrates the relationship among the classes?

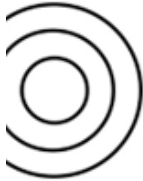
Doctors, Politician

Ans

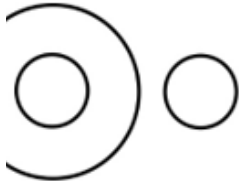
1.



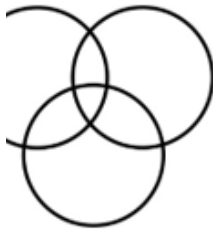
2.



3.



4.



Question ID : 630680518452
 Option 1 ID : 6306802026204
 Option 2 ID : 6306802026206
 Option 3 ID : 6306802026205
 Option 4 ID : 6306802026207
 Status : Answered
 Chosen Option : 1

Q.6 white, white is called orange, orange is called golden, golden is called brown, then what would be the color of the sky?

Ans

1.

blue

2.

orange

3.

brown

4.

white

Question ID : 630680518446
 Option 1 ID : 6306802026183
 Option 2 ID : 6306802026180
 Option 3 ID : 6306802026182
 Option 4 ID : 6306802026181
 Status : Answered
 Chosen Option : 4

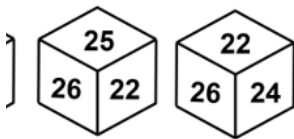
Q.7 Which is the wrong term in the given series.

M, P, U, Y

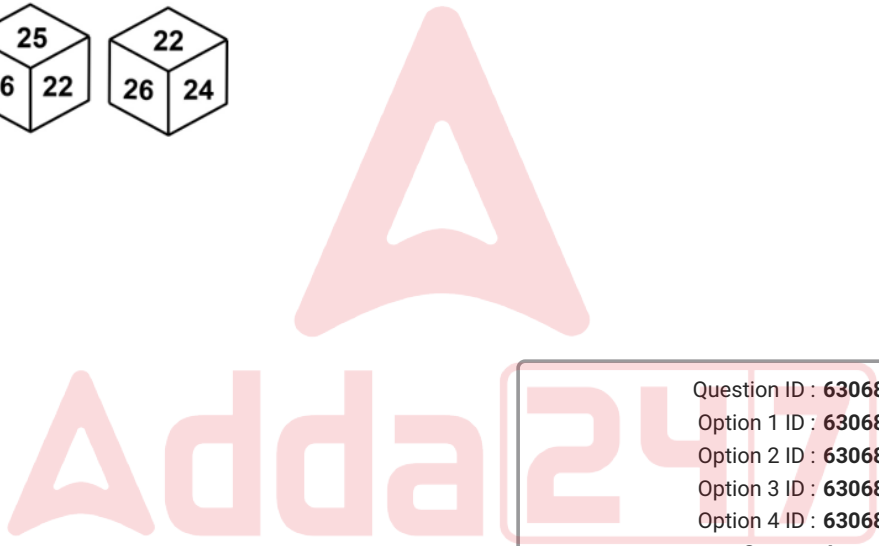
- Ans
- 1.
 - 2.
 - 3.
 - 4.

Question ID : 630680518443
 Option 1 ID : 6306802026170
 Option 2 ID : 6306802026171
 Option 3 ID : 6306802026169
 Option 4 ID : 6306802026168
 Status : Answered
 Chosen Option : 3

Q.8 In two different positions of the same dice are given below. Find the number opposite of 22.



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



Question ID : 630680518454
 Option 1 ID : 6306802026212
 Option 2 ID : 6306802026214
 Option 3 ID : 6306802026215
 Option 4 ID : 6306802026213
 Status : Answered
 Chosen Option : 1

Q.9 How many numbers should be interchanged to make the given equation correct?

$$5 + 2 + 55 = 15$$

- Ans
1. 1 and 15
 2. 2 and 2
 3. 3 and 34
 4. 4 and 24

Question ID : 630680518451
 Option 1 ID : 6306802026201
 Option 2 ID : 6306802026200
 Option 3 ID : 6306802026202
 Option 4 ID : 6306802026203
 Status : Answered
 Chosen Option : 3

Q.10 n related to the third letter cluster in the same way as the second letter cluster is related to the first letter

:: MOVE : ?

- Ans**
1. /ME
 2. DME
 3. DME
 4. /ME

Question ID : 630680518445
 Option 1 ID : 6306802026176
 Option 2 ID : 6306802026178
 Option 3 ID : 6306802026177
 Option 4 ID : 6306802026179
 Status : Answered
 Chosen Option : 2

Q.11 on that is related to the third word in the same way as the second word is related to the first word.

Nepal :: Colombo : ?

- Ans**
1. i lanka
 2. ina
 3. utan
 4. /anmar

Question ID : 630680518444
 Option 1 ID : 6306802026173
 Option 2 ID : 6306802026172
 Option 3 ID : 6306802026174
 Option 4 ID : 6306802026175
 Status : Answered
 Chosen Option : 1

Q.12 n that is related to the third number in the same way as the second number is related to the first number:

?

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

Question ID : 630680518450
 Option 1 ID : 6306802026199
 Option 2 ID : 6306802026197
 Option 3 ID : 6306802026196
 Option 4 ID : 6306802026198
 Status : Answered
 Chosen Option : 3

Q.1 the following is NOT the type of DC power transmission system?

- Ans
1. single wire system
 2. two wire system with midpoint earthed
 3. two wire system
 4. three wire system

Question ID : 630680518541
 Option 1 ID : 6306802026560
 Option 2 ID : 6306802026561
 Option 3 ID : 6306802026563
 Option 4 ID : 6306802026562
 Status : Answered
 Chosen Option : 4

Q.2 of the following is the function of motor starters?

to start the motor automatically or remote control when required.
 to stop the motor.

- Ans
1. both I and II
 2. only II
 3. either I nor II
 4. only I

Question ID : 630680518514
 Option 1 ID : 6306802026454
 Option 2 ID : 6306802026453
 Option 3 ID : 6306802026455
 Option 4 ID : 6306802026452
 Status : Answered
 Chosen Option : 1

Q.3 the following is NOT the main requirement of the insulating materials used for cables?

- Ans
1. high dielectric strength
 2. low coefficient of thermal expansion
 3. high insulation resistance
 4. high permittivity

Question ID : 630680518485
 Option 1 ID : 6306802026337
 Option 2 ID : 6306802026339
 Option 3 ID : 6306802026336
 Option 4 ID : 6306802026338
 Status : Answered
 Chosen Option : 2

Q.4 Find the decimal equivalent of $(0.10101)_2$?

- Ans
1. $(.65625)_{10}$
 2. $(.1)_{10}$
 3. $(.165625)_{10}$
 4. $(.3125)_{10}$

Question ID : 630680518549
 Option 1 ID : 6306802026592
 Option 2 ID : 6306802026594
 Option 3 ID : 6306802026595
 Option 4 ID : 6306802026593
 Status : Answered
 Chosen Option : 1

Q.5 Transmission efficiency _____ with the increase in transmission voltage.

- Ans
1. constant
 2. exponentially decreases
 3. increases
 4. decreases

Question ID : 630680518476
 Option 1 ID : 6306802026302
 Option 2 ID : 6306802026303
 Option 3 ID : 6306802026301
 Option 4 ID : 6306802026300
 Status : Answered
 Chosen Option : 3

Q.6 For underground cable a _____ sheath of lead or alloy is provided around the insulation to protect it from moisture, gases or other damaging liquids in the soil and atmosphere.

- Ans
1. insulator
 2. non metallic
 3. metallic
 4. organic

Question ID : 630680518484
 Option 1 ID : 6306802026335
 Option 2 ID : 6306802026333
 Option 3 ID : 6306802026332
 Option 4 ID : 6306802026334
 Status : Answered
 Chosen Option : 3

Q.7 insulators are of egg shape, also called guy insulators.

- Ans
1. st
 2. ackle
 3. ay
 4. re and link type suspension

Question ID : 630680518479
Option 1 ID : 6306802026313
Option 2 ID : 6306802026314
Option 3 ID : 6306802026312
Option 4 ID : 6306802026315
Status : Answered
Chosen Option : 3

Q.8 the binary equivalent of $(15)_{10}$?

- Ans
1.)1
 2. .0
 3. 10
 4. 11

Question ID : 630680518523
Option 1 ID : 6306802026491
Option 2 ID : 6306802026489
Option 3 ID : 6306802026490
Option 4 ID : 6306802026488
Status : Answered
Chosen Option : 4

Q.9 smission system of an area is called the _____.

- Ans
1. d
 2. d
 3. iction
 4. ick

Question ID : 630680518473
Option 1 ID : 6306802026288
Option 2 ID : 6306802026291
Option 3 ID : 6306802026289
Option 4 ID : 6306802026290
Status : Answered
Chosen Option : 1

Q.10 Two or more radial feeders originating from the same or different secondary substations are laid on different lines.

- Ans
1. Loop feeder system
 2. Parallel feeder system
 3. Interconnected network system
 4. Radial feeder system

Question ID : 630680518491
 Option 1 ID : 6306802026361
 Option 2 ID : 6306802026362
 Option 3 ID : 6306802026363
 Option 4 ID : 6306802026360
 Status : Answered
 Chosen Option : 3

Q.11 A potentiometer is a simple voltage divider with _____ terminals.

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

Question ID : 630680518466
 Option 1 ID : 6306802026261
 Option 2 ID : 6306802026262
 Option 3 ID : 6306802026263
 Option 4 ID : 6306802026260
 Status : Answered
 Chosen Option : 1

Q.12 A half-wave rectifier is also known as a chopper.

- Ans
1. Half-wave rectifier
 2. AC-AC Converter
 3. AC-DC Converter
 4. DC-DC Converter

Question ID : 630680518547
 Option 1 ID : 6306802026586
 Option 2 ID : 6306802026587
 Option 3 ID : 6306802026584
 Option 4 ID : 6306802026585
 Status : Answered
 Chosen Option : 2

Q.13 Semiconducting materials like germanium crystals with controlled doping can be used for measurement of cryogenic temperature specially _____.

- Ans
1. above 100K
 2. below 25K
 3. below 100K
 4. above 50K

Question ID : 630680518533
Option 1 ID : 6306802026531
Option 2 ID : 6306802026528
Option 3 ID : 6306802026530
Option 4 ID : 6306802026529
Status : Answered
Chosen Option : 2

Q.14 Which of the following statement is correct regarding synchro?

A synchro is an electromagnetic transducer commonly used to convert angular position of a shaft into an electric signal.

It is also known as a selsyn or an autosyn.

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

Question ID : 630680518472
Option 1 ID : 6306802026287
Option 2 ID : 6306802026284
Option 3 ID : 6306802026285
Option 4 ID : 6306802026286
Status : Answered
Chosen Option : 4

Q.15 Which of the following method is used for measurement of high resistance?

- Ans
1. ammeter-voltmeter method
 2. Wheatstone bridge method
 3. substitution method
 4. direct deflection method

Question ID : 630680518532
Option 1 ID : 6306802026527
Option 2 ID : 6306802026526
Option 3 ID : 6306802026525
Option 4 ID : 6306802026524
Status : Answered
Chosen Option : 4

Q.16 Which of the following theorem is dual of Thevenin's theorem?

- Ans
1. Norton's theorem
 2. Reciprocity theorem
 3. Millman's theorem
 4. Superposition theorem

Question ID : 630680518458
 Option 1 ID : 6306802026228
 Option 2 ID : 6306802026231
 Option 3 ID : 6306802026229
 Option 4 ID : 6306802026230
 Status : Answered
 Chosen Option : 1

Q.17 Which of the following is the correct statement regarding synchronous motor.

It is a self-starting motor.

The speed of this motor is quite constant on every load.

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

Question ID : 630680518509
 Option 1 ID : 6306802026434
 Option 2 ID : 6306802026432
 Option 3 ID : 6306802026435
 Option 4 ID : 6306802026433
 Status : Answered
 Chosen Option : 1

Q.18 Which of the following is a combinational circuit that selects binary information from one of many input lines and directs it to a single output line.

- Ans
1. Digital multiplexer
 2. Full subtractor
 3. Half adder
 4. Encoder

Question ID : 630680518525
 Option 1 ID : 6306802026496
 Option 2 ID : 6306802026498
 Option 3 ID : 6306802026497
 Option 4 ID : 6306802026499
 Status : Answered
 Chosen Option : 4

Q.19 re fixed to the yoke in between the main poles of a DC machine.

- Ans
1. brushes
 2. shaft
 3. interpoles
 4. commutator

Question ID : 630680518504
Option 1 ID : 6306802026413
Option 2 ID : 6306802026414
Option 3 ID : 6306802026412
Option 4 ID : 6306802026415
Status : Answered
Chosen Option : 1

Q.20 Following statements is correct regarding corona?

1. In voltage AC transmission lines the visible glow of corona is mostly uniform about both the conductors.
2. In single phase direct current transmission the glow is uniform and brighter about the positive conductor but spotty about the negative conductor.

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

Question ID : 630680518544
Option 1 ID : 6306802026575
Option 2 ID : 6306802026572
Option 3 ID : 6306802026573
Option 4 ID : 6306802026574
Status : Answered
Chosen Option : 4

Q.21 The following is NOT the basic element of closed-loop control system?

- Ans
1. Feedback element
 2. Controlled system
 3. Analyzer
 4. Controller

Question ID : 630680518463
Option 1 ID : 6306802026248
Option 2 ID : 6306802026250
Option 3 ID : 6306802026251
Option 4 ID : 6306802026249
Status : Answered
Chosen Option : 4

Q.22 prepared from wood pulp rags or plant fibres by a suitable chemical process.

- Ans
1. lythene
 2. bber
 3. lcanized India Rubber
 4. .pregnated paper

Question ID : 630680518486
 Option 1 ID : 6306802026343
 Option 2 ID : 6306802026341
 Option 3 ID : 6306802026342
 Option 4 ID : 6306802026340
 Status : Answered
 Chosen Option : 4

Q.23 टटा पर भरण एक वितरक के दोनों छोरों को एक साथ लाया जाता है, तो ऐसे वितरक को _____ के ता है।

- Ans
1. गों छोरों पर भरण वितरक
 2. ग मुख्य वितरक
 3. र पर भरण वितरक
 4. ं छोर पर भरण वितरक

Question ID : 630680518490
 Option 1 ID : 6306802026357
 Option 2 ID : 6306802026359
 Option 3 ID : 6306802026358
 Option 4 ID : 6306802026356
 Status : Answered
 Chosen Option : 1

Q.24 The following statement is correct about controller component "actuators"?

Devices whose output is mechanical motion.

Actuators are characterised by power output and speed-torque relationship to match the load.

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

Question ID : 630680518465
 Option 1 ID : 6306802026258
 Option 2 ID : 6306802026257
 Option 3 ID : 6306802026259
 Option 4 ID : 6306802026256
 Status : Answered
 Chosen Option : 1

Q.25 A synchronous machine is characterized by _____ core length and _____ diameter so as to limit the losses developed in the high-speed rotor.

- Ans
1. long, small
 2. long, long
 3. all, small
 4. all, long

Question ID : 630680518507
Option 1 ID : 6306802026425
Option 2 ID : 6306802026426
Option 3 ID : 6306802026427
Option 4 ID : 6306802026424
Status : Answered
Chosen Option : 1

Q.26 Which of the following is NOT the property of Repulsion motor?

- Ans
1. The torque developed and the current taken does not depend upon brush position
 2. Speed variation is obtained by shifting of brushes
 3. These have a high starting torque with low starting current
 4. At brush setting, characteristics are very similar to those of a DC series motor

Question ID : 630680518513
Option 1 ID : 6306802026450
Option 2 ID : 6306802026448
Option 3 ID : 6306802026449
Option 4 ID : 6306802026451
Status : Answered
Chosen Option : 1

Q.27 Which of the following identifies inductance?

- Ans
1. Ohm's law
 2. Coulomb's law
 3. Faraday's law
 4. Newton's law

Question ID : 630680518469
Option 1 ID : 6306802026273
Option 2 ID : 6306802026274
Option 3 ID : 6306802026272
Option 4 ID : 6306802026275
Status : Answered
Chosen Option : 3

Q.28 Which of the following is NOT the type of transistor amplifier?

- Ans
1. Common base amplifier
 2. Common collector amplifier
 3. Common rectifier amplifier
 4. Common emitter amplifier

Question ID : 630680518517
Option 1 ID : 6306802026464
Option 2 ID : 6306802026466
Option 3 ID : 6306802026467
Option 4 ID : 6306802026465
Status : Answered
Chosen Option : 3

Q.29 Which circuit test on transformer give which of the following information?

is at rated voltage and frequency

and branch parameters of equivalent circuit

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

Question ID : 630680518502
Option 1 ID : 6306802026406
Option 2 ID : 6306802026407
Option 3 ID : 6306802026404
Option 4 ID : 6306802026405
Status : Answered
Chosen Option : 1

Q.30 According to Maxwell's equation which of the following is correct?

- Ans
1. Magnetic flux is discontinuous
 2. Magnetic flux is continuous
 3. Electric flux is zero
 4. Magnetic flux is zero

Question ID : 630680518470
Option 1 ID : 6306802026278
Option 2 ID : 6306802026277
Option 3 ID : 6306802026279
Option 4 ID : 6306802026276
Status : Answered
Chosen Option : 1

Q.31 bert's principle is slightly modified form of _____.

- Ans
1. wton's first law of motion
 2. wton's third law of motion
 3. mpere's law
 4. wton's second law of motion

Question ID : 630680518467

Option 1 ID : 6306802026264

Option 2 ID : 6306802026266

Option 3 ID : 6306802026267

Option 4 ID : 6306802026265

Status : Answered

Chosen Option : 3

Q.32 the following statement is correct regarding the type of DC machines?

es machine has field winding in series with armature circuit.

nt machine has field winding across the armature circuit.

- Ans
1. ly II
 2. th I and II
 3. ly I
 4. ither I nor II

Question ID : 630680518497

Option 1 ID : 6306802026385

Option 2 ID : 6306802026386

Option 3 ID : 6306802026384

Option 4 ID : 6306802026387

Status : Answered

Chosen Option : 2

Q.33 cables are used for operating voltage up to 11000V.

- Ans
1. gh voltage
 2. per tension
 3. tra high tension
 4. tra super voltage

Question ID : 630680518487

Option 1 ID : 6306802026344

Option 2 ID : 6306802026345

Option 3 ID : 6306802026346

Option 4 ID : 6306802026347

Status : Answered

Chosen Option : 1

Q.34

Following is correct about bundled conductors?

Conductor is a conductor made up of two or more conductors.

Bundled conductor lines transmit bulk power with reduced losses, thereby giving increased transmission

Ans

1. Only I
2. Both I and II
3. Neither I nor II
4. Only II

Question ID : 630680518482

Option 1 ID : 6306802026324

Option 2 ID : 6306802026326

Option 3 ID : 6306802026327

Option 4 ID : 6306802026325

Status : Answered

Chosen Option : 2

Q.35

Percentage of transformer iron losses are minimized by using thin sheets of _____.

Ans

1. Minimum
2. Low silicon steel
3. Maximum
4. High silicon steel

Question ID : 630680518546

Option 1 ID : 6306802026582

Option 2 ID : 6306802026581

Option 3 ID : 6306802026583

Option 4 ID : 6306802026580

Status : Answered

Chosen Option : 4

Q.36 According to Boolean Theorems which of the following is correct?

$$\bar{X} + \bar{Y} = \overline{X.Y} + \overline{X.Z}$$

$$\bar{X} = X$$

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

Question ID : 630680518539
Option 1 ID : 6306802026555
Option 2 ID : 6306802026554
Option 3 ID : 6306802026552
Option 4 ID : 6306802026553
Status : Answered
Chosen Option : 2

Q.37 Which of the following is NOT true regarding Induction motor?

- Ans
1. No exciter is required
 2. Not Self-started
 3. Speed can be controlled to small units
 4. The motor operates at only lagging power factor

Question ID : 630680518510
Option 1 ID : 6306802026439
Option 2 ID : 6306802026436
Option 3 ID : 6306802026438
Option 4 ID : 6306802026437
Status : Answered
Chosen Option : 4

Q.38 following pair is correct?

intrinsic semi-conductors – These are pure semi-conductors, without any impurities added to them.

Extrinsic semi-conductors – When a small amount of impurity is added to a pure semi-conductor.

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

Question ID : 630680518518
Option 1 ID : 6306802026470
Option 2 ID : 6306802026468
Option 3 ID : 6306802026471
Option 4 ID : 6306802026469
Status : Answered
Chosen Option : 1

Q.39 Inductive reactance is _____ with stranded conductors than with solid conductors.

- Ans
1. Smaller
 2. Instant
 3. Equal
 4. Greater

Question ID : 630680518495
Option 1 ID : 6306802026376
Option 2 ID : 6306802026379
Option 3 ID : 6306802026378
Option 4 ID : 6306802026377
Status : Answered
Chosen Option : 1

Q.40 Which of the following is the base unit?

- Ans
1. Frequency
 2. Velocity
 3. Force
 4. None

Question ID : 630680518529
Option 1 ID : 6306802026512
Option 2 ID : 6306802026513
Option 3 ID : 6306802026514
Option 4 ID : 6306802026515
Status : Answered
Chosen Option : 4

Q.41

नियम _____ का एक महत्वपूर्ण परिणाम है।

Ans

1. म का नियम
2. पीयर का नियम
3. रचाँफ का नियम
4. त्रॉम का नियम

Question ID : 630680518456
 Option 1 ID : 6306802026221
 Option 2 ID : 6306802026223
 Option 3 ID : 6306802026222
 Option 4 ID : 6306802026220
 Status : Answered
 Chosen Option : 4

Q.42

mission lines have length above _____ and line voltage above _____.

Ans

1. 0 km, 80 kV
2. 0 km, 100 kV
3. km, 80 kV
4.) km, 80 kV

Question ID : 630680518483
 Option 1 ID : 6306802026330
 Option 2 ID : 6306802026331
 Option 3 ID : 6306802026328
 Option 4 ID : 6306802026329
 Status : Answered
 Chosen Option : 2

Q.43

ver source for Pneumatic flapper valve is the _____.

Ans

1. pply of air at constant pressure
2. pply of air at variable pressure
3. pply of electric current with variable load
4. pply of electric current with constant load

Question ID : 630680518471
 Option 1 ID : 6306802026280
 Option 2 ID : 6306802026281
 Option 3 ID : 6306802026283
 Option 4 ID : 6306802026282
 Status : Answered
 Chosen Option : 1

Q.44

the decimal equivalent of $(1100)_2$?

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

Question ID : 630680518520
Option 1 ID : 6306802026477
Option 2 ID : 6306802026476
Option 3 ID : 6306802026479
Option 4 ID : 6306802026478
Status : Answered
Chosen Option : 2

Q.45

and therefore the current distribution in a conductor is also affected by the presence of other conductors
this is known as _____.

- Ans
1. e inductance
 2. e resistance
 3. oximity effect
 4. n effect

Question ID : 630680518496
Option 1 ID : 6306802026382
Option 2 ID : 6306802026383
Option 3 ID : 6306802026381
Option 4 ID : 6306802026380
Status : Answered
Chosen Option : 3

Q.46

Which of the following is NOT the property of an overhead line insulator?

- Ans
1. High mechanical strength
 2. Low insulation resistance
 3. Ability to withstand large temperature variations
 4. High relative permittivity

Question ID : 630680518477
Option 1 ID : 6306802026304
Option 2 ID : 6306802026306
Option 3 ID : 6306802026307
Option 4 ID : 6306802026305
Status : Answered
Chosen Option : 2

Q.47 A polynomial $q(s)$ is Hurwitz, which of the following condition is satisfied?

1. All roots of $q(s)$ have real parts which are zero or negative.

2. All roots of $q(s)$ have real parts which are zero or negative.

- Ans
1. Only I
 2. Only II
 3. Either I nor II
 4. Both I and II

Question ID : 630680518468
 Option 1 ID : 6306802026268
 Option 2 ID : 6306802026269
 Option 3 ID : 6306802026271
 Option 4 ID : 6306802026270
 Status : Answered
 Chosen Option : 4

Q.48 A transformer is subject to the legal requirement that the voltage at the consumer's terminals should be maintained within a certain percentage of the declared voltage.

- Ans
1. 0%
 2. 5%
 3. 10%
 4. 15%

Question ID : 630680518474
 Option 1 ID : 6306802026294
 Option 2 ID : 6306802026295
 Option 3 ID : 6306802026292
 Option 4 ID : 6306802026293
 Status : Answered
 Chosen Option : 3

Q.49 Which of the following allow partial current to flow through them.

- Ans
1. Insulators
 2. Conductors
 3. Dielectrics
 4. Semi-conductors

Question ID : 630680518515
 Option 1 ID : 6306802026459
 Option 2 ID : 6306802026457
 Option 3 ID : 6306802026458
 Option 4 ID : 6306802026456
 Status : Answered
 Chosen Option : 4

Q.50 Which of the following factor is NOT responsible for affecting Corona?

- Ans
1. Insulator
 2. Atmosphere
 3. Inductor
 4. Line voltage

Question ID : 630680518481
 Option 1 ID : 6306802026321
 Option 2 ID : 6306802026320
 Option 3 ID : 6306802026322
 Option 4 ID : 6306802026323
 Status : Answered
 Chosen Option : 1

Q.51 A combinational circuit that performs the addition of _____ bits is called as half-adder.

- Ans
1. 2
 2. 4
 3. 8
 4. 16

Question ID : 630680518521
 Option 1 ID : 6306802026481
 Option 2 ID : 6306802026483
 Option 3 ID : 6306802026480
 Option 4 ID : 6306802026482
 Status : Answered
 Chosen Option : 1

Q.52 Which of the following statement is correct regarding semi-conductor?

I. Insulators allow partial current to flow through them.

II. In semiconductors the conduction and the valance bands are separated by a very narrow gap.

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

Question ID : 630680518542
 Option 1 ID : 6306802026565
 Option 2 ID : 6306802026566
 Option 3 ID : 6306802026564
 Option 4 ID : 6306802026567
 Status : Answered
 Chosen Option : 2

Q.53

Which of the following statement is correct regarding transformer?

Transformer is not an electromechanical converter.

Transformer steps up or steps down electrical energy from one voltage level to another voltage level.

Ans

1. Step up transformer
2. Step down transformer
3. Either I nor II
4. Both I and II

Question ID : 630680518498
Option 1 ID : 6306802026389
Option 2 ID : 6306802026388
Option 3 ID : 6306802026391
Option 4 ID : 6306802026390
Status : Answered
Chosen Option : 4

Q.54

Which of the following is NOT the method of laying of underground cables?

Ans

1. Direct laying
2. Solid system
3. Conduit system
4. Draw-in-system

Question ID : 630680518489
Option 1 ID : 6306802026352
Option 2 ID : 6306802026354
Option 3 ID : 6306802026355
Option 4 ID : 6306802026353
Status : Answered
Chosen Option : 3

Q.55

In which of the following machines the field poles may be on stator or rotor.

Ans

1. Induction transformers
2. Synchronous machines
3. DC commutator machines
4. Asynchronous machines

Question ID : 630680518499
Option 1 ID : 6306802026393
Option 2 ID : 6306802026394
Option 3 ID : 6306802026395
Option 4 ID : 6306802026392
Status : Answered
Chosen Option : 4

Q.56 Which of the following is the advantage of HVDC (High voltage direct current) transmission?

1. HVDC line can be built in stages.

2. HVDC has less electric power loss and higher current carrying capacity.

- Ans
1. Only I
 2. Only II
 3. Either I nor II
 4. Both I and II

Question ID : 630680518494
 Option 1 ID : 6306802026372
 Option 2 ID : 6306802026373
 Option 3 ID : 6306802026375
 Option 4 ID : 6306802026374
 Status : Answered
 Chosen Option : 4

Q.57 Which of the following statement is correct regarding Null type of instruments?

1. Null type instruments are more accurate than deflection type instruments.

2. Null type instruments can be highly sensitive as compared with deflection type instruments.

- Ans
1. Either I nor II
 2. Both I and II
 3. Only I
 4. Only II

Question ID : 630680518530
 Option 1 ID : 6306802026519
 Option 2 ID : 6306802026518
 Option 3 ID : 6306802026516
 Option 4 ID : 6306802026517
 Status : Answered
 Chosen Option : 2

Q.58 Which of the following is a linear time invariant system is defined to be the ratio of the Laplace transform of the output variable to the Laplace transform of the input variable under the assumption that all initial conditions are zero.

- Ans
1. Moment of inertia
 2. Transfer function
 3. Gravitational function
 4. Moment of inertia

Question ID : 630680518462
 Option 1 ID : 6306802026246
 Option 2 ID : 6306802026245
 Option 3 ID : 6306802026247
 Option 4 ID : 6306802026244
 Status : Answered
 Chosen Option : 1

Q.59 ration of _____ is based upon Seebeck effect.

- Ans
1. ni-conductor thermometer
 2. vanometer
 3. thermocouple
 4. resistor

Question ID : 630680518534
Option 1 ID : 6306802026534
Option 2 ID : 6306802026535
Option 3 ID : 6306802026532
Option 4 ID : 6306802026533
Status : Answered
Chosen Option : 3

Q.60 the octal equivalent of $(15)_{10}$?

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

Question ID : 630680518526
Option 1 ID : 6306802026503
Option 2 ID : 6306802026500
Option 3 ID : 6306802026501
Option 4 ID : 6306802026502
Status : Answered
Chosen Option : 4

Q.61 converts a pulsating output from a rectifier into a very steady DC level is known as _____.

- Ans
1. code
 2. resistor
 3. filter
 4. rectifier

Question ID : 630680518519
Option 1 ID : 6306802026474
Option 2 ID : 6306802026475
Option 3 ID : 6306802026472
Option 4 ID : 6306802026473
Status : Answered
Chosen Option : 4

Q.62 If the following statements is true regarding Universal motor?

winding is in series with rotor winding.

motor is designed to work on both AC and DC supply.

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

Question ID : 630680518512

Option 1 ID : 6306802026446

Option 2 ID : 6306802026447

Option 3 ID : 6306802026444

Option 4 ID : 6306802026445

Status : Answered

Chosen Option : 3

Q.63 Which of the following gate is known as building block in digital circuitry?

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

Question ID : 630680518540

Option 1 ID : 6306802026558

Option 2 ID : 6306802026559

Option 3 ID : 6306802026556

Option 4 ID : 6306802026557

Status : Answered

Chosen Option : 1

Q.64 Which of the following statement is true regarding insulator material Porcelain?
 It is mechanically stronger than glass.
 It is free from trouble from leakage and is less susceptible to temperature variations and its surface is not affected by

- Ans**
1. Neither I nor II
 2. Both I and II
 3. Only I
 4. Only II

Question ID : 630680518478
 Option 1 ID : 6306802026311
 Option 2 ID : 6306802026310
 Option 3 ID : 6306802026308
 Option 4 ID : 6306802026309
 Status : Answered
 Chosen Option : 2

Q.65 Which of the following is the application of control theory in medical field?
 Temperature regulation

- Ans**
1. Both I and II
 2. Neither I nor II
 3. Only I
 4. Only II

Question ID : 630680518460
 Option 1 ID : 6306802026238
 Option 2 ID : 6306802026239
 Option 3 ID : 6306802026236
 Option 4 ID : 6306802026237
 Status : Answered
 Chosen Option : 1

Q.66 Which of the following can act both as a converter or rectifier.

- Ans**
1. Thyristor
 2. Commutator
 3. Transformer
 4. Synchronous motor

Question ID : 630680518505
 Option 1 ID : 6306802026418
 Option 2 ID : 6306802026416
 Option 3 ID : 6306802026417
 Option 4 ID : 6306802026419
 Status : Answered
 Chosen Option : 2

Q.67

Which of the following statement is correct in the context of Transmission Lines?

1. Two parallel wires is a common form and is known as an open-wire line with air as dielectric.

2. Coaxial cables are also used for radio frequency transmission but only at fairly low radio frequencies.

Ans

1. Only I
2. Neither I nor II
3. Both I and II
4. Only II

Question ID : 630680518459
 Option 1 ID : 6306802026232
 Option 2 ID : 6306802026235
 Option 3 ID : 6306802026234
 Option 4 ID : 6306802026233
 Status : Answered
 Chosen Option : 3

Q.68

Which of the following is NOT the advantage of oil-filled cables?

Ans

1. Detection of fault is easy
2. It allows perfect impregnation
3. Impregnation possible after sheathing
4. It can bear more maximum permissible stresses

Question ID : 630680518488
 Option 1 ID : 6306802026351
 Option 2 ID : 6306802026348
 Option 3 ID : 6306802026349
 Option 4 ID : 6306802026350
 Status : Answered
 Chosen Option : 3

Q.69

The equivalent circuit of a transmission line is equivalent to _____.

Ans

1. $l/4$
2. -12
3. -24
4. $l/2$

Question ID : 630680518528
 Option 1 ID : 6306802026510
 Option 2 ID : 6306802026508
 Option 3 ID : 6306802026511
 Option 4 ID : 6306802026509
 Status : Answered
 Chosen Option : 2

Q.70

Following statement is true regarding register?

A group of memory elements which stores a binary word and it may modify the stored word in a manner as is desired by the application in which it is used.

It is capable of shifting the stored binary word a step or more towards left or right.

Ans

1. Only II
2. Either I nor II
3. Both I and II
4. Only I

Question ID : 630680518550
 Option 1 ID : 6306802026597
 Option 2 ID : 6306802026599
 Option 3 ID : 6306802026598
 Option 4 ID : 6306802026596

Status : Answered
 Chosen Option : 3

Q.71

Which of the following are used in control systems to attain the _____ matching of motor to load.

Ans

1. Instantaneous
2. Mechanical
3. Critical
4. Proportional

Question ID : 630680518461
 Option 1 ID : 6306802026243
 Option 2 ID : 6306802026240
 Option 3 ID : 6306802026241
 Option 4 ID : 6306802026242

Status : Answered
 Chosen Option : 4

Q.72

Which of the following brushes are used more frequently in all DC machines?

Ans

1. Copper graphite
2. Carbon
3. Nonmetal graphite
4. Electrographite

Question ID : 630680518506
 Option 1 ID : 6306802026420
 Option 2 ID : 6306802026421
 Option 3 ID : 6306802026423
 Option 4 ID : 6306802026422

Status : Answered
 Chosen Option : 4

Q.73 combinational circuit that converts binary information from n input lines to a maximum of _____ lines.

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

Question ID : 630680518524
Option 1 ID : 6306802026492
Option 2 ID : 6306802026493
Option 3 ID : 6306802026494
Option 4 ID : 6306802026495
Status : Answered
Chosen Option : 2

Q.74 Which of the following statement is correct regarding Wheatstone Bridge?

It is used in measurement of medium resistance.

It operates upon a null indication principle.

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

Question ID : 630680518536
Option 1 ID : 6306802026540
Option 2 ID : 6306802026541
Option 3 ID : 6306802026542
Option 4 ID : 6306802026543
Status : Answered
Chosen Option : 3

Q.75 Which of the following is the application of measurement systems?

1. Synchronization of processes and operations.

2. Control of processes and operations.

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

Question ID : 630680518531
 Option 1 ID : 6306802026520
 Option 2 ID : 6306802026522
 Option 3 ID : 6306802026521
 Option 4 ID : 6306802026523
 Status : Answered
 Chosen Option : 2

Q.76 According to Coulomb's law the force of repulsion existing between two point charges is _____.

- Ans
1. Constant
 2. Directly proportional to the magnitude of the charges
 3. Inversely proportional to the magnitude of the charges
 4. None of these

Question ID : 630680518455
 Option 1 ID : 6306802026218
 Option 2 ID : 6306802026216
 Option 3 ID : 6306802026217
 Option 4 ID : 6306802026219
 Status : Answered
 Chosen Option : 2

Q.77 Which of the following is the advantage of adopting high voltage for transmission?

1. The resistance is reduced which results in reduction of line losses.

2. The conductor is reduced which further reduces the cost of the supporting structure materials.

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

Question ID : 630680518475
 Option 1 ID : 6306802026297
 Option 2 ID : 6306802026299
 Option 3 ID : 6306802026298
 Option 4 ID : 6306802026296
 Status : Answered
 Chosen Option : 3

Q.78 the following method is NOT used for measurement of low resistance?

- Ans
1. ammeter voltmeter method
 2. ohmmeter method
 3. potentiometer method
 4. Kelvin's double bridge method

Question ID : 630680518537

Option 1 ID : 6306802026544

Option 2 ID : 6306802026547

Option 3 ID : 6306802026546

Option 4 ID : 6306802026545

Status : Answered

Chosen Option : 2

Q.79 Following pair is correct regarding transformer loss?

1 - Leakage fields present in a transformer induce eddy currents in conductors, tanks, bolts etc and these give rise to stray load loss.

2 - This loss occurs in the insulating materials.

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

Question ID : 630680518503

Option 1 ID : 6306802026411

Option 2 ID : 6306802026410

Option 3 ID : 6306802026408

Option 4 ID : 6306802026409

Status : Answered

Chosen Option : 2

Q.80 Skin effect depends upon which of the following?

1. Length of material.

2. Diameter of conductor.

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

Question ID : 630680518545

Option 1 ID : 6306802026579

Option 2 ID : 6306802026577

Option 3 ID : 6306802026578

Option 4 ID : 6306802026576

Status : Answered

Chosen Option : 3

Q.81

Following statement is true regarding Full-Subtractor?

It is a combinational circuit that performs a subtraction between two bits, taking into account that a 1 is borrowed by a lower significant stage.

It has three inputs and two outputs.

Ans

1. Only II
2. Only I
3. Both I and II
4. Neither I nor II

Question ID : 630680518522
Option 1 ID : 6306802026485
Option 2 ID : 6306802026484
Option 3 ID : 6306802026486
Option 4 ID : 6306802026487
Status : Answered
Chosen Option : 3

Q.82

Which of the following is NOT the type of cable fault?

Ans

1. Open-circuit fault
2. Ground or earth fault
3. Loss or short-circuit fault
4. Ring circuit fault

Question ID : 630680518492
Option 1 ID : 6306802026366
Option 2 ID : 6306802026364
Option 3 ID : 6306802026365
Option 4 ID : 6306802026367
Status : Answered
Chosen Option : 4

Q.83

All Operational Amplifier have _____ input impedance.

Ans

1. Finite
2. Reverse
3. Zero
4. Infinite

Question ID : 630680518548
Option 1 ID : 6306802026588
Option 2 ID : 6306802026591
Option 3 ID : 6306802026590
Option 4 ID : 6306802026589
Status : Answered
Chosen Option : 4

Q.84

Following statement is correct regarding auto-transformer?

1. It is a transformer in which a part of the winding is common to both the primary and secondary circuits.

2. The primary circuit current in an auto-transformer is higher than that in a corresponding two winding transformer.

Ans

1. Only II
2. Neither I nor II
3. Only I
4. Both I and II

Question ID : 630680518508
 Option 1 ID : 6306802026429
 Option 2 ID : 6306802026431
 Option 3 ID : 6306802026428
 Option 4 ID : 6306802026430
 Status : Answered
 Chosen Option : 4

Q.85

Which of the following is NOT the effect of Corona?

Ans

1. The current under corona condition decreases because the corona induces harmonic currents.
2. It produces ozone which can be readily detected by its characteristic odour.
3. It produces a hissing noise.
4. A violet glow is observed around the conductor.

Question ID : 630680518480
 Option 1 ID : 6306802026319
 Option 2 ID : 6306802026318
 Option 3 ID : 6306802026317
 Option 4 ID : 6306802026316
 Status : Answered
 Chosen Option : 1

Q.86

_____ ergs per second.

Ans

1. 7
2. 70
3. -7
4. 700

Question ID : 630680518527
 Option 1 ID : 6306802026505
 Option 2 ID : 6306802026506
 Option 3 ID : 6306802026504
 Option 4 ID : 6306802026507
 Status : Answered
 Chosen Option : 1

Q.87 Frequency range of 25 to 400Hz, transformers are constructed with _____ thick silicon steel laminations.

- Ans
1. 1m
 2. 0.5 mm
 3. 1mm
 4. 0.1mm

Question ID : 630680518501
 Option 1 ID : 6306802026401
 Option 2 ID : 6306802026400
 Option 3 ID : 6306802026402
 Option 4 ID : 6306802026403
 Status : Answered
 Chosen Option : 2

Q.88 The following is the problem associated with EHV (Extra high voltage) transmission?

Corona loss and radio interference
 Supporting structures and erection difficulties

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

Question ID : 630680518493
 Option 1 ID : 6306802026371
 Option 2 ID : 6306802026368
 Option 3 ID : 6306802026369
 Option 4 ID : 6306802026370
 Status : Answered
 Chosen Option : 4

Q.89 A transistor in which a layer of n-type semi-conductor is sandwiched between _____ layers of p-type semi-conductor is known as p.n.p transistor.

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

Question ID : 630680518516
 Option 1 ID : 6306802026460
 Option 2 ID : 6306802026462
 Option 3 ID : 6306802026463
 Option 4 ID : 6306802026461
 Status : Answered
 Chosen Option : 4

Q.90 Mental errors arises due to which of the following reason?

- 1. Misuse of the instruments.
- 2. Loading effects of instruments.
- 3. Both I and II
- 4. None of the above

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

Question ID : 630680518538
 Option 1 ID : 6306802026548
 Option 2 ID : 6306802026551
 Option 3 ID : 6306802026549
 Option 4 ID : 6306802026550
 Status : Answered
 Chosen Option : 4

Q.91 Correct theorem on behalf of the following statement.

If the partial responses of sources considered one at a time will give the total response in a linear

- Ans
1. Millman's theorem
 2. Norton's theorem
 3. Superposition theorem
 4. Thevenin's theorem

Question ID : 630680518457
 Option 1 ID : 6306802026225
 Option 2 ID : 6306802026227
 Option 3 ID : 6306802026224
 Option 4 ID : 6306802026226
 Status : Answered
 Chosen Option : 1

Q.92 For the core losses nearly all transformers have their magnetic core made from _____.

- Ans
1. Silicon
 2. Copper
 3. Silver
 4. Cold rolled grain-oriented sheet steel

Question ID : 630680518500
 Option 1 ID : 6306802026397
 Option 2 ID : 6306802026398
 Option 3 ID : 6306802026399
 Option 4 ID : 6306802026396
 Status : Answered
 Chosen Option : 4

Q.93 phase motors are not self-started, it cannot be started by which of the following methods?

- Ans
1. using rectifier
 2. using repulsion
 3. using shading the poles
 4. using capacitors

Question ID : 630680518511
Option 1 ID : 6306802026443
Option 2 ID : 6306802026441
Option 3 ID : 6306802026442
Option 4 ID : 6306802026440
Status : Answered
Chosen Option : 1

Q.94 Which of the following materials are in physical contact with each other form a thermocouple.

- Ans
1. pair of two dissimilar non-metals
 2. pair of two similar metals
 3. pair of two dissimilar metals
 4. pair of two similar non-metals

Question ID : 630680518535
Option 1 ID : 6306802026538
Option 2 ID : 6306802026536
Option 3 ID : 6306802026537
Option 4 ID : 6306802026539
Status : Answered
Chosen Option : 3

Q.95 In a closed-loop control system the _____ compares the feedback signal obtained from the plant output signal.

- Ans
1. analyzer
 2. error detector
 3. controlled system
 4. comparator

Question ID : 630680518464
Option 1 ID : 6306802026255
Option 2 ID : 6306802026253
Option 3 ID : 6306802026254
Option 4 ID : 6306802026252
Status : Answered
Chosen Option : 4

Q.96

Which of the following is NOT the advantage of adopting high voltage for transmission?

Ans

1. With increase in transmission voltage, line current is reduced
2. Increase in transmission voltage reduction in line losses results in higher efficiency
3. With increase in transmission voltage the size of conductor is increased
4. At high transmission voltage, the voltage drop in the lines is low

Question ID : 630680518543

Option 1 ID : 6306802026568

Option 2 ID : 6306802026569

Option 3 ID : 6306802026570

Option 4 ID : 6306802026571

Status : Answered

Chosen Option : 3

