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Subject	Technician BElectricalElectrician

Section : Technician BElectricalElectrician

Q.1

You have to find true power, apparent power, reactive power and power factor of a 3 phase circuit. From which one of the following values can be determined?

- a. By 2 element type 3 phase wattmeter
b. By 2 wattmeter method
c. By 3 element 3 wire 3 phase wattmeter
d. By 3 element 4 wire 3 phase wattmeter

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368323

Option 1 ID : 84963633253

Option 2 ID : 84963633254

Option 3 ID : 84963633255

Option 4 ID : 84963633256

Status : Not Answered

Chosen Option : --

Q.7

When two transformers are operating in parallel, they will share the load depending upon their _____

- a. leakage reactance b. magnetising current
c. per unit impedance d. kVA rating

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368381
Option 1 ID : 84963633485
Option 2 ID : 84963633486
Option 3 ID : 84963633487
Option 4 ID : 84963633488
Status : Answered
Chosen Option : B

Q.8

The RMS value of sinusoidal alternating current is given by the relation

- a. $I(\max)/2$ b. $0.637 I(\max)$
c. $2 I(\max)/\pi$ d. $I(\max)/\text{square root } 2$

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368325
Option 1 ID : 84963633261
Option 2 ID : 84963633262
Option 3 ID : 84963633263
Option 4 ID : 84963633264
Status : Answered
Chosen Option : B

Q.9

A stepper motor is

- a. a D.C motor b. a single phase A.C motor
c. a multiphase motor d. a two phase motor

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368352
Option 1 ID : 84963633369
Option 2 ID : 84963633370
Option 3 ID : 84963633371
Option 4 ID : 84963633372
Status : Answered
Chosen Option : B

Q.13

ELCBs are specially used to disconnect to supply under _____

- a. short circuit condition b. ground fault condition
c. open circuit condition d. over load condition

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368379
Option 1 ID : 84963633477
Option 2 ID : 84963633478
Option 3 ID : 84963633479
Option 4 ID : 84963633480
Status : Answered
Chosen Option : D

Q.14

One or more of the following conditions are essential for parallel operation of transformers

- a. Polarity of the transformers should be same b. Equal voltage ratio should be provided
c. Percentage impedance should be same d. All of these

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368344
Option 1 ID : 84963633337
Option 2 ID : 84963633338
Option 3 ID : 84963633339
Option 4 ID : 84963633340
Status : Answered
Chosen Option : D

Q.15

Which of the following frequencies has the longest time period?

- a. 1 Hz
b. 10 Hz
c. 1 kHz
d. 100 kHz

Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368321
Option 1 ID : 84963633245
Option 2 ID : 84963633246
Option 3 ID : 84963633247
Option 4 ID : 84963633248
Status : Answered
Chosen Option : B

Q.16

Fire is a combination of

- a. fuel, light and oxygen
b. fuel, heat and oxygen
c. fuel, heat and carbon dioxide
d. fuel, light and nitrogen

Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368310
Option 1 ID : 84963633201
Option 2 ID : 84963633202
Option 3 ID : 84963633203
Option 4 ID : 84963633204
Status : Answered
Chosen Option : B

Q.17

The thread on conduit pipes in all cases should have a length of range

- a. 10 to 20 mm
b. 11 to 27 mm
c. 12 to 25 mm
d. 15 to 35 mm

Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368338
Option 1 ID : 84963633313
Option 2 ID : 84963633314
Option 3 ID : 84963633315
Option 4 ID : 84963633316
Status : Answered
Chosen Option : C

Q.18

In squirrel cage induction motor, the rotor slots are slightly skewed in order to

- a. reduce windage losses b. reduce eddy currents
c. reduce accumulation of dirt and dust d. reduce magnetic hum

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368350
Option 1 ID : 84963633361
Option 2 ID : 84963633362
Option 3 ID : 84963633363
Option 4 ID : 84963633364
Status : Answered
Chosen Option : B

Q.19

The algebraic sum of the currents meeting at any junction of network is zero.

What is the name of law?

- a. Kirchhoff's voltage law b. Ohm's law
c. Coulomb's law d. Kirchhoff's current law

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368316
Option 1 ID : 84963633225
Option 2 ID : 84963633226
Option 3 ID : 84963633227
Option 4 ID : 84963633228
Status : Answered
Chosen Option : C

Q.20

If the pointer moves quickly to its final deflected position without any sort of oscillation, that damping is called as

- a. under damping b. over damping
c. critical damping d. air friction damping

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368366
Option 1 ID : 84963633425
Option 2 ID : 84963633426
Option 3 ID : 84963633427
Option 4 ID : 84963633428
Status : Answered
Chosen Option : B

Q.21

Which energy is converted into electrical energy by generator?

- a. Heat
b. Mechanical
c. Chemical
d. Kinetic

Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368347
Option 1 ID : 84963633349
Option 2 ID : 84963633350
Option 3 ID : 84963633351
Option 4 ID : 84963633352
Status : Answered
Chosen Option : D

Q.22

The diameter and axial length of rotors of a smooth cylindrical type rotors are

- a. small diameter and small axial length
b. large diameter and large axial length
c. small diameter and large axial length
d. large diameter and small axial length

Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368388
Option 1 ID : 84963633513
Option 2 ID : 84963633514
Option 3 ID : 84963633515
Option 4 ID : 84963633516
Status : Not Answered
Chosen Option : --

Q.23

The reason for the stator core of an alternator is made up of laminated sheets is to _____

- a. increase the eddy current losses b. reduce the eddy current losses
c. increase the magnetic flux d. decrease the speed of the rotor

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368387
Option 1 ID : 84963633509
Option 2 ID : 84963633510
Option 3 ID : 84963633511
Option 4 ID : 84963633512
Status : Answered
Chosen Option : B

Q.24

In an energy meter, speed of the aluminium disc is adjusted using

- a. copper shading band b. series magnet
c. shunt magnet d. break magnet

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368367
Option 1 ID : 84963633429
Option 2 ID : 84963633430
Option 3 ID : 84963633431
Option 4 ID : 84963633432
Status : Answered
Chosen Option : C

Q.25

The curve representing Ohm's law is

- a. Sine function b. Linear
c. Parabola d. Hyperbola

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368319
Option 1 ID : 84963633237
Option 2 ID : 84963633238
Option 3 ID : 84963633239
Option 4 ID : 84963633240
Status : Answered
Chosen Option : B

Q.26

Candela is the limit of

- a. Luminous flux
- b. Luminous intensity
- c. Wave length
- d. None of the above

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368361
Option 1 ID : 84963633405
Option 2 ID : 84963633406
Option 3 ID : 84963633407
Option 4 ID : 84963633408
Status : Not Answered
Chosen Option : --

Q.27

The average value of alternating current for a pure sine wave is equal to

- a. 0.536 x maximum value of current
- b. 0.636 x maximum value of current
- c. 0.707 x maximum value of current
- d. 0.737 x maximum value of current

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368322
Option 1 ID : 84963633249
Option 2 ID : 84963633250
Option 3 ID : 84963633251
Option 4 ID : 84963633252
Status : Answered
Chosen Option : D

Q.28

Rating of fuse for the production of single phase motors should be equal to 3 times the

- a. running current
- b. starting current
- c. no load current
- d. full load current

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368384
Option 1 ID : 84963633497
Option 2 ID : 84963633498
Option 3 ID : 84963633499
Option 4 ID : 84963633500
Status : Not Answered
Chosen Option : --

Q.29

The capacitance to the capacitor is directly proportional to the _____

- a. material of the plate
- b. area of the plate
- c. voltage across the plate
- d. polarity of the plates

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368373
Option 1 ID : 84963633453
Option 2 ID : 84963633454
Option 3 ID : 84963633455
Option 4 ID : 84963633456
Status : Answered
Chosen Option : C

Q.30

In an online UPS system, the switch over time from mains to battery is

- a. 10 milli seconds
- b. 9 milli seconds
- c. 8 milli seconds
- d. zero seconds

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368330
Option 1 ID : 84963633281
Option 2 ID : 84963633282
Option 3 ID : 84963633283
Option 4 ID : 84963633284
Status : Answered
Chosen Option : C

Q.31

The function of current reverser in earth tester is to

- a. change AC to DC supply
- b. bring the needle to standstill position without vibration
- c. change DC to AC supply
- d. providing controlling torque

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368331
Option 1 ID : 84963633285
Option 2 ID : 84963633286
Option 3 ID : 84963633287
Option 4 ID : 84963633288
Status : Not Answered
Chosen Option : --

Q.32

What is the composition of steel and silicon in transformer core?

- a. Steel 97% and silicon 3% b. Steel 95% and silicon 5%
c. Steel 93% and silicon 7% d. Steel 90% and silicon 10%

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368343
Option 1 ID : 84963633333
Option 2 ID : 84963633334
Option 3 ID : 84963633335
Option 4 ID : 84963633336
Status : Answered
Chosen Option : C

Q.33

The function of diode can be compared with that of a _____

- a. fuse b. relay
c. coil d. switch

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368376
Option 1 ID : 84963633465
Option 2 ID : 84963633466
Option 3 ID : 84963633467
Option 4 ID : 84963633468
Status : Answered
Chosen Option : B

Q.34

Heavy current in the D.C circuit can be measured with the help of

- a. current transformer b. clip on ammeter
c. parallel shunt resistance with d. series resistance with ampere meter
ampere meter

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368368
Option 1 ID : 84963633433
Option 2 ID : 84963633434
Option 3 ID : 84963633435
Option 4 ID : 84963633436
Status : Answered
Chosen Option : C

Q.35

In Permanent magnet moving coil instrument, damping torque is provided by

- a. air friction
- b. eddy current
- c. fluid friction
- d. either a , b or c.

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368369
Option 1 ID : 84963633437
Option 2 ID : 84963633438
Option 3 ID : 84963633439
Option 4 ID : 84963633440
Status : Not Answered
Chosen Option : --

Q.36

The cross section of chisel is usually

- a. Hexagonal
- b. Rectangular
- c. Octogonal
- d. Square

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368314
Option 1 ID : 84963633217
Option 2 ID : 84963633218
Option 3 ID : 84963633219
Option 4 ID : 84963633220
Status : Answered
Chosen Option : A

Q.37

What defect will occur when the battery is over charged or discharged at a high rate?

- a. Sulphation
- b. Buckling
- c. Local action
- d. Partial short

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368328
Option 1 ID : 84963633273
Option 2 ID : 84963633274
Option 3 ID : 84963633275
Option 4 ID : 84963633276
Status : Answered
Chosen Option : B

Q.38

In protective scheme, relay functions as

- a. switching device
- b. sensing device
- c. breaking device
- d. isolating device

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368364
Option 1 ID : 84963633417
Option 2 ID : 84963633418
Option 3 ID : 84963633419
Option 4 ID : 84963633420
Status : Answered
Chosen Option : D

Q.39

Which rule is applied to identify the direction of rotation of conductor in DC motor?

- a. Cork's screw rule
- b. right hand grip rule
- c. Fleming's left hand rule
- d. Fleming's right hand rule

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368383
Option 1 ID : 84963633493
Option 2 ID : 84963633494
Option 3 ID : 84963633495
Option 4 ID : 84963633496
Status : Answered
Chosen Option : A

Q.40

Which type of looping method uses less cable in wiring?

- a. looping out from switch and ceiling rose b. looping out from switch
c. looping out from 3 plate ceiling rose d. looping out with junction box

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368336
Option 1 ID : 84963633305
Option 2 ID : 84963633306
Option 3 ID : 84963633307
Option 4 ID : 84963633308
Status : Not Answered
Chosen Option : --

Q.41

In mercury vapour lamp, a resistor is connected in series with auxiliary electrode. What is the purpose of resistor connector to it?

- a. To limit the power factor b. To limit the starting current
c. To limit the voltage d. To limit the energy

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368362
Option 1 ID : 84963633409
Option 2 ID : 84963633410
Option 3 ID : 84963633411
Option 4 ID : 84963633412
Status : Answered
Chosen Option : B

Q.42

What is the cause for hunting effect in Alternators?

- a. due to overload
- b. due to continuous fluctuation in load
- c. running with fluctuation of speed
- d. running without load

Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368355

Option 1 ID : 84963633381

Option 2 ID : 84963633382

Option 3 ID : 84963633383

Option 4 ID : 84963633384

Status : Not Answered

Chosen Option : --

Q.43

The delta connected secondary of a transformer is connected to a delta connected load. Any unbalanced current will _____

- a. return back through neutral link
- b. disconnect the load automatically
- c. automatically vanish after some time
- d. circulate around delta connected load

Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368382

Option 1 ID : 84963633489

Option 2 ID : 84963633490

Option 3 ID : 84963633491

Option 4 ID : 84963633492

Status : Answered

Chosen Option : D

Q.44

The capacitor start capacitor run motors have lesser efficiency and cannot take overloads. To avoid these problems capacitors of

- a. one large value used b. one low value used
c. one medium value used d. one larger and one low value used

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368353
Option 1 ID : 84963633373
Option 2 ID : 84963633374
Option 3 ID : 84963633375
Option 4 ID : 84963633376
Status : Answered
Chosen Option : D

Q.45

Which loss is determined by conducting short circuit test in transformer?

- a. Stray loss b. Eddy current loss
c. Hysteresis loss d. Copper loss

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368342
Option 1 ID : 84963633329
Option 2 ID : 84963633330
Option 3 ID : 84963633331
Option 4 ID : 84963633332
Status : Answered
Chosen Option : C

Q.46

An appliance has a resistance of 100 ohms, takes 2 amperes. What is the power consumed by the appliance?

- a. 450 W b. 350 W
c. 300W d. 400 W

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368318
Option 1 ID : 84963633233
Option 2 ID : 84963633234
Option 3 ID : 84963633235
Option 4 ID : 84963633236
Status : Answered
Chosen Option : D

Q.47

Which type of D.C motor is used for elevators?

- a. D.C shunt motor
- b. D.C series motor
- c. D.C cumulative compound motor
- d. D.C differential compound motor

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368348

Option 1 ID : 84963633353

Option 2 ID : 84963633354

Option 3 ID : 84963633355

Option 4 ID : 84963633356

Status : Answered

Chosen Option : A

Q.48

Scott connections are used for

- a. 1ph to 3 ph transformation
- b. 3ph to 2 ph transformation
- c. 3ph to 1ph transformation
- d. 2ph to 3ph transformation

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368341

Option 1 ID : 84963633325

Option 2 ID : 84963633326

Option 3 ID : 84963633327

Option 4 ID : 84963633328

Status : Not Answered

Chosen Option : --

Q.49

A DC generator works on the principle of

- a. Faraday's law of electrolysis
- b. Fleming's left hand rule
- c. Len'z law
- d. Faraday's law of electromagnetic induction

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368345

Option 1 ID : 84963633341

Option 2 ID : 84963633342

Option 3 ID : 84963633343

Option 4 ID : 84963633344

Status : Answered

Chosen Option : D

Q.53

For motor circuit, fuses are rated as

- a. twice the full load current of the motor
b. thrice the full load current of the motor
c. starting current of motor
d. no load current of motor

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368335
Option 1 ID : 84963633301
Option 2 ID : 84963633302
Option 3 ID : 84963633303
Option 4 ID : 84963633304
Status : Answered
Chosen Option : C

Q.54

The 3phase armature windings are kept electrically apart by

- a. 60°
b. 90°
c. 120°
d. 180°

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368349
Option 1 ID : 84963633357
Option 2 ID : 84963633358
Option 3 ID : 84963633359
Option 4 ID : 84963633360
Status : Answered
Chosen Option : B

Q.55

Moving coil instrument works on the effect of

- a. chemical effect
b. electro-magnetic effect
c. heating effect
d. electrostatic effect

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368365
Option 1 ID : 84963633421
Option 2 ID : 84963633422
Option 3 ID : 84963633423
Option 4 ID : 84963633424
Status : Answered
Chosen Option : B

Q.56

What is the benefit of 5S system

- a. Increase in manpower
- b. Increase in economy
- c. Increase in productivity
- d. Reduction in pollution

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368311
Option 1 ID : 84963633205
Option 2 ID : 84963633206
Option 3 ID : 84963633207
Option 4 ID : 84963633208
Status : Answered
Chosen Option : B

Q.57

A three phase synchronous motor will have _____ slip rings

- a. no
- b. 1
- c. 2
- d. 3

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368356
Option 1 ID : 84963633385
Option 2 ID : 84963633386
Option 3 ID : 84963633387
Option 4 ID : 84963633388
Status : Answered
Chosen Option : C

Q.58

If a person faints due to suffocation, the first aid to be given is

- a. Give him a warm drink b. Sprinkle cold water on his face
c. Place him on well ventilated d. Give him artificial respiration
location

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368312
Option 1 ID : 84963633209
Option 2 ID : 84963633210
Option 3 ID : 84963633211
Option 4 ID : 84963633212
Status : Answered
Chosen Option : C

Q.59

Voltage drop in an alternator when under load is due to

- a. armature resistance b. armature reactance
c. armature reaction d. all of the above

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368354
Option 1 ID : 84963633377
Option 2 ID : 84963633378
Option 3 ID : 84963633379
Option 4 ID : 84963633380
Status : Answered
Chosen Option : D

Q.60

In 1kVA transformer, the number of turns per volt is 8. What is the number of turns in high voltage side, if the voltage is 110V?

- a. 1920
b. 880
c. 192
d. 125

Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368380
Option 1 ID : 84963633481
Option 2 ID : 84963633482
Option 3 ID : 84963633483
Option 4 ID : 84963633484
Status : Answered
Chosen Option : B

Q.61

Which one of the following is the semiconductor

- a. Manganin
b. Silver
c. Germanium
d. Ceramic

Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368357
Option 1 ID : 84963633389
Option 2 ID : 84963633390
Option 3 ID : 84963633391
Option 4 ID : 84963633392
Status : Answered
Chosen Option : C

Q.62

The internal barrier potential of silicon diode is _____

- a. 0.3 volt
b. 0.5 volt
c. 0.6 volt
d. 0.7 volt

Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368377
Option 1 ID : 84963633469
Option 2 ID : 84963633470
Option 3 ID : 84963633471
Option 4 ID : 84963633472
Status : Answered
Chosen Option : D

Q.63

What is the relation between running winding and starting winding of a single phase induction motor with respect to resistance?

- a. both the resistances will be equal b. running winding is more than starting winding less
c. running winding is less than starting winding more d. running winding is less than starting winding infinity

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368386
Option 1 ID : 84963633505
Option 2 ID : 84963633506
Option 3 ID : 84963633507
Option 4 ID : 84963633508
Status : Answered
Chosen Option : C

Q.64

Which one of the following starters is used for starting D.C series motor

- a. Drum controlled starter b. 3 point starter
c. Rotor resistance starter d. 4 point starter

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368333
Option 1 ID : 84963633293
Option 2 ID : 84963633294
Option 3 ID : 84963633295
Option 4 ID : 84963633296
Status : Answered
Chosen Option : C

Q.65

What maintenance is carried out on machines and controls at regular intervals before machines develop trouble?

- a. Routine maintenance b. Periodical maintenance
c. Preventive maintenance d. Break down maintenance

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368378
Option 1 ID : 84963633473
Option 2 ID : 84963633474
Option 3 ID : 84963633475
Option 4 ID : 84963633476
Status : Not Answered
Chosen Option : --

Q.66

UJT is also called

- a. Current controlled device b. Voltage controlled device
c. Relaxation oscillator d. Voltage regulator

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368360
Option 1 ID : 84963633401
Option 2 ID : 84963633402
Option 3 ID : 84963633403
Option 4 ID : 84963633404
Status : Answered
Chosen Option : B

Q.67

Intrinsic semiconductor material is characterized by a valence shell of _____ electrons?

- a. 1 b. 2
c. 4 d. 6

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368372
Option 1 ID : 84963633449
Option 2 ID : 84963633450
Option 3 ID : 84963633451
Option 4 ID : 84963633452
Status : Answered
Chosen Option : B

Q.68

The following is a Bi-polar device

- a. IGBT
b. GTO
c. both a and b
d. none of the above

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368359
Option 1 ID : 84963633397
Option 2 ID : 84963633398
Option 3 ID : 84963633399
Option 4 ID : 84963633400
Status : Answered
Chosen Option : C

Q.69

Opening the switch of an inductive circuit sets an arc across the switch contacts due to large voltage induced and stored energy in magnetic field. The arc is surpressed in such circuits by connecting

- a. a capacitor across the supply
b. a capacitor across the switch contacts
c. arcing horns across the switch contacts
d. another small inductor across the switch contacts in reverse direction

- Ans A. a
 B. b
 C. c
 D. d

Question ID : 8496368320
Option 1 ID : 84963633241
Option 2 ID : 84963633242
Option 3 ID : 84963633243
Option 4 ID : 84963633244
Status : Not Answered
Chosen Option : --

Q.70

What is the unit of capacity of secondary cell?

- a. volt ampere
- b. kilo watt
- c. watt hour
- d. ampere hour

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368327

Option 1 ID : 84963633269

Option 2 ID : 84963633270

Option 3 ID : 84963633271

Option 4 ID : 84963633272

Status : **Answered**

Chosen Option : **B**

Q.71

A 3 phase full wave rectifier has an AC input of 415 V, 50 Hz. The ripple frequency of D.C output in pulses per second is

- a. 50
- b. 100
- c. 150
- d. 300

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368363

Option 1 ID : 84963633413

Option 2 ID : 84963633414

Option 3 ID : 84963633415

Option 4 ID : 84963633416

Status : **Not Answered**

Chosen Option : --

Q.72

Direct online (DOL) Starters are not suitable for starting large DC motors, because

- a. the motor may run away
- b. the starting torque becomes low
- c. the motor may not start
- d. the starting current will be enormously high

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368389

Option 1 ID : 84963633517

Option 2 ID : 84963633518

Option 3 ID : 84963633519

Option 4 ID : 84963633520

Status : Not Answered

Chosen Option : --

Q.73

Regulation of transformer means

- a. change in terminal voltage
- b. change of power factor
- c. change in secondary voltage from the load to full load
- d. change of current due to load variations

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368340

Option 1 ID : 84963633321

Option 2 ID : 84963633322

Option 3 ID : 84963633323

Option 4 ID : 84963633324

Status : Answered

Chosen Option : C

Q.74

The copper loss of the transformer during the maximum efficiency is 1000 watts, what will be the iron loss?

- a. 1200 watts
- b. 1000 watts
- c. 900 watts
- d. 800 watts

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368339
Option 1 ID : 84963633317
Option 2 ID : 84963633318
Option 3 ID : 84963633319
Option 4 ID : 84963633320
Status : Answered
Chosen Option : C

Q.75

The current capabilities of the cables are specified for certain ambient temperature in BIS regulations. The specified ambient temperature is

- a. 20°C
- b. 30°C
- c. 40°C
- d. 50°C

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368337
Option 1 ID : 84963633309
Option 2 ID : 84963633310
Option 3 ID : 84963633311
Option 4 ID : 84963633312
Status : Answered
Chosen Option : C

Q.76

In a four point earth tester (P1 C1, P2, C2) the points shorted and connected to fixed earth point are

- a. P1 - C1
- b. P2 - C2
- c. P1 - C2
- d. C1 - P2

- Ans
- A. a
 - B. b
 - C. c
 - D. d

Question ID : 8496368332
Option 1 ID : 84963633289
Option 2 ID : 84963633290
Option 3 ID : 84963633291
Option 4 ID : 84963633292
Status : Answered
Chosen Option : B

Q.80

Electrostatics is a branch of electricity concerned with

- a. Energy flowing across a gap between conductors b. Charges at rest
c. Charges in motion d. Energy in the form of charges

Ans  A. a
 B. b
 C. c
 D. d

Question ID : 8496368374

Option 1 ID : 84963633457

Option 2 ID : 84963633458

Option 3 ID : 84963633459

Option 4 ID : 84963633460

Status : Not Answered

Chosen Option : --