

SSC JE 2023 Oct 11 Shift 3 Electrical Question Paper with Answers

Section : General Intelligence and Reasoning

Q.1 If '+' means '÷', '-' means '+', '×' means '-', and '÷' means '×', then what will be the value of the following expression?
$$[(25 \times 16) - (3 \div 2)] + (3 - 2) \div 5$$

- Ans
- ☒ 1. 18
 - ☒ 2. 10
 - ☒ 3. 15
 - ☒ 4. 20

Question ID : 264330131558

Option 1 ID : 264330515335

Option 2 ID : 264330515336

Option 3 ID : 264330515337

Option 4 ID : 264330515338

Status : Answered

Chosen Option : 3

Q.2 Eight people are sitting in two parallel rows with four people each in such a way that there is equal distance between adjacent persons.
In row I – E, F, G and H are seated and all of them are facing south.
In row II – U, V, W and X are seated and all of them are facing north.
G sits exactly opposite U, who sits second from the right end of their row. F sits at the extreme right end of their row and is exactly opposite X. E sits between F and G and is exactly opposite V.
Who sits at the extreme left end of the row of people facing South?

- Ans
- ☒ 1. E
 - ☒ 2. F
 - ☒ 3. G
 - ☒ 4. H

Question ID : 26433068755

Option 1 ID : 264330269535

Option 2 ID : 264330269532

Option 3 ID : 264330269533

Option 4 ID : 264330269534

Status : Not Answered

Chosen Option : --

Q.3 G is the brother of F. F is B's daughter. D is A's son and C's brother. B is the brother of C. How is B related to A?

- Ans**
- ☒ 1. Father
 - ☒ 2. Father's mother
 - ☒ 3. Mother
 - ☒ 4. Son

Question ID : 26433089520

Option 1 ID : 264330351584

Option 2 ID : 264330351581

Option 3 ID : 264330351583

Option 4 ID : 264330351582

Status : Answered

Chosen Option : 4

Q.4 Two statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some doctors are scientists.

Some scientists are engineers.

Conclusions:

I. All engineers are doctors.

II. Some doctors are engineers.

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

Question ID : 264330144950

Option 1 ID : 264330568055

Option 2 ID : 264330568058

Option 3 ID : 264330568056

Option 4 ID : 264330568057

Status : Answered

Chosen Option : 2

Q.5 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)

Chicken : Strut

- Ans** ☒ 1. Mouse : Leap
☒ 2. Lion : Prowl
☒ 3. Deer : Glide
☒ 4. Sparrow : Dive

Question ID : 264330132199

Option 1 ID : 264330517894

Option 2 ID : 264330517892

Option 3 ID : 264330517893

Option 4 ID : 264330517891

Status : Answered

Chosen Option : 1

Q.6 Which of the following numbers will replace the question mark (?) in the given series?

47, 41, 53, ?, 59, 29

- Ans** ☒ 1. 35
☒ 2. 55
☒ 3. 57
☒ 4. 39

Question ID : 26433091014

Option 1 ID : 264330357465

Option 2 ID : 264330357467

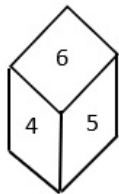
Option 3 ID : 264330357468

Option 4 ID : 264330357466

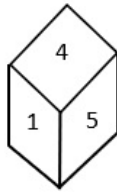
Status : Answered

Chosen Option : 1

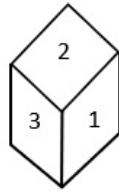
Q.7 Three different positions of the same dice are shown. Find the number on the face opposite to the face showing '6'.



(i)



(ii)



(iii)

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

Question ID : 264330102495

Option 1 ID : 264330402411

Option 2 ID : 264330402410

Option 3 ID : 264330402412

Option 4 ID : 264330402409

Status : Answered

Chosen Option : 4

Q.8 Select the number from among the given options that can replace the question mark (?) in the following series.
1, 6, 13, 26, 51, 96, ?

- Ans
- ☒ 1. 180
 - ☒ 2. 118
 - ☒ 3. 108
 - ☒ 4. 171

Question ID : 26433079006

Option 1 ID : 264330310031

Option 2 ID : 264330310028

Option 3 ID : 264330310030

Option 4 ID : 264330310029

Status : Not Answered

Chosen Option : --

Q.9 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

Drone : Bee :: Colt : ?

- Ans
- ☒ 1. Cow
 - ☒ 2. Doe
 - ☒ 3. Vixen
 - ☒ 4. Filly

Question ID : 264330144510

Option 1 ID : 264330566298

Option 2 ID : 264330566296

Option 3 ID : 264330566295

Option 4 ID : 264330566297

Status : Answered

Chosen Option : 4

Q.10 Select the option in which the given figure is embedded (rotation is NOT allowed).



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 264330126088

Option 1 ID : 264330494024

Option 2 ID : 264330494027

Option 3 ID : 264330494026

Option 4 ID : 264330494025

Status : Answered

Chosen Option : 2

Q.11 In this question, three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusion(s) logically follows/follow from the statements.

Statements:

Some pens are sharpeners.
Some sharpeners are pencils.
All pencils are erasers.

Conclusions:

I. Some erasers are sharpeners.
II. Some pens are erasers.

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

Question ID : 264330144578

Option 1 ID : 264330566568

Option 2 ID : 264330566567

Option 3 ID : 264330566569

Option 4 ID : 264330566570

Status : Answered

Chosen Option : 2

Q.12 Sonia starts walking from her home and goes 7 m east. From there she turns right and walks a certain distance called P m. Then, she turns left and walks 5 m, now she turns left again and walks 8 m. After that she takes another left turn and walks 12 m. If Sonia's current position is 22 m south of her home, then what is the value of P?

- Ans ☒ 1. 30
☒ 2. 28
☒ 3. 34
☒ 4. 22

Question ID : 264330129774

Option 1 ID : 264330508328

Option 2 ID : 264330508329

Option 3 ID : 264330508330

Option 4 ID : 264330508327

Status : Answered

Chosen Option : 1

Q.13 In a certain code language, "XPCF" is written as "WOBE" and "LRVA" is written as "KQUZ". How will "BMWG" be written in that language?

- Ans ☒ 1. AMVH
☒ 2. BMWH
☒ 3. ANWG
☒ 4. ALVF

Question ID : 264330130328

Option 1 ID : 264330510423

Option 2 ID : 264330510425

Option 3 ID : 264330510424

Option 4 ID : 264330510426

Status : Answered

Chosen Option : 4

Q.14 Sarah departs from her house and walks 20 m towards East. She then turns left and walks 35 m. Now she turns left again and walks 27 m and stops. How far is she from a pole that is exactly 35 m north of her house? (Assuming that all turns are 90 degree turns only.)

- Ans
- ☐ 1. 12 m
 - ☐ 2. 47 m
 - ☐ 3. 10 m
 - ☒ 4. 7 m

Question ID : 264330129769

Option 1 ID : 264330508310

Option 2 ID : 264330508307

Option 3 ID : 264330508309

Option 4 ID : 264330508308

Status : Answered

Chosen Option : 4

Q.15 Which letter cluster will replace the question mark (?) to complete the given series?

SNR, QQN, OTJ, MWF, ?

- Ans
- ☐ 1. JZC
 - ☒ 2. KZB
 - ☐ 3. KYB
 - ☐ 4. KZC

Question ID : 264330144573

Option 1 ID : 264330566550

Option 2 ID : 264330566549

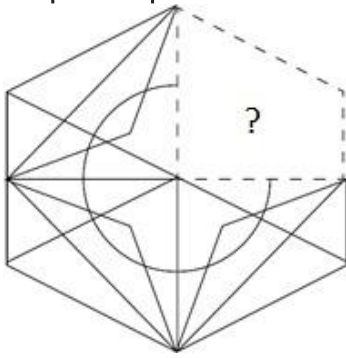
Option 3 ID : 264330566548

Option 4 ID : 264330566547

Status : Answered

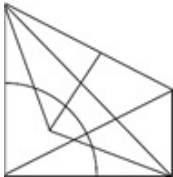
Chosen Option : 2

Q.16 Select the figure from the options that can replace the question mark (?) and complete the pattern.



Ans

✗ 1.



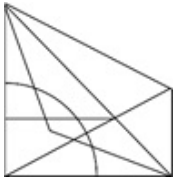
✓ 2.



✗ 3.



✗ 4.



Question ID : 26433092791

Option 1 ID : 264330364453

Option 2 ID : 264330364456

Option 3 ID : 264330364455

Option 4 ID : 264330364454

Status : Answered

Chosen Option : 2

Q.17 Each of the seven friends, Kirti, Siya, Amita, Preeti, Deepika, Jeet and Pari, has scored different marks in an exam. Pari has scored more than Kirti but less than Siya. Deepika has scored less than Preeti but more than Amita. Kirti has scored more than Preeti but less than Pari. Siya is not the highest scorer.

Who has scored the highest marks?

- Ans ☒ 1. Preeti
☒ 2. Jeet
☒ 3. Amita
☒ 4. Pari

Question ID : 264330144634
Option 1 ID : 264330566791
Option 2 ID : 264330566794
Option 3 ID : 264330566792
Option 4 ID : 264330566793
Status : Answered
Chosen Option : 2

Q.18 In the following statements A, B, C, D and E denotes $+$, $-$, $\times$, $\div$ and $=$ respectively, then which of the statement is correct?

- Ans ☒ 1. 4A3B5D3E15C6
☒ 2. 4A3C6D3E15B6
☒ 3. 4A3C5D3E15B8
☒ 4. 4A3C5D3E15B6

Question ID : 264330129645
Option 1 ID : 264330507947
Option 2 ID : 264330507948
Option 3 ID : 264330507946
Option 4 ID : 264330507949
Status : Answered
Chosen Option : 4

Q.19 Which letter cluster will replace the question mark (?) to complete the given series?

NGC, PJH, RMM, TPR, ?

- Ans ☒ 1. UTY
☒ 2. VTX
☒ 3. VSW
☒ 4. USW

Question ID : 264330144574
Option 1 ID : 264330566554
Option 2 ID : 264330566551
Option 3 ID : 264330566552
Option 4 ID : 264330566553
Status : Answered
Chosen Option : 3

Q.20 In a certain code language, 'SHELF' is coded as '110', and 'TABLE' is coded as '120'.
How will 'DESK' be coded in that language?

- Ans
- ☒ 1. 73
 - ☒ 2. 10
 - ☒ 3. 69
 - ☒ 4. 85

Question ID : 264330144598

Option 1 ID : 264330566650

Option 2 ID : 264330566647

Option 3 ID : 264330566649

Option 4 ID : 264330566648

Status : Not Answered

Chosen Option : --

Q.21 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

R_JK_H_QJ_I_R_JK_H_QJ_IH

- Ans
- ☒ 1. QJKRHQIRK
 - ☒ 2. QJRKHQRIK
 - ☒ 3. QIRKHQIRK
 - ☒ 4. QJRKQHRIK

Question ID : 264330144514

Option 1 ID : 264330566311

Option 2 ID : 264330566313

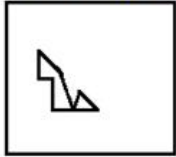
Option 3 ID : 264330566314

Option 4 ID : 264330566312

Status : Answered

Chosen Option : 3

Q.22 Select the option in which the given figure is embedded (rotation is NOT allowed).

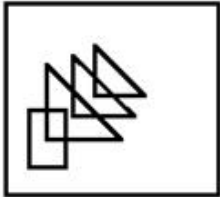


Ans

✗ 1.



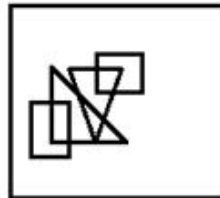
✗ 2.



✗ 3.



✓ 4.



Question ID : 26433068178

Option 1 ID : 264330267226

Option 2 ID : 264330267227

Option 3 ID : 264330267224

Option 4 ID : 264330267225

Status : Answered

Chosen Option : 4

Q.23 Six friends are sitting in a circle. All of them are facing the centre. Samir is an immediate neighbour of Kiran. Gagan is an immediate neighbour of Pran and Vyom. Suman sits second to the right of Gagan. Kiran sits second to the right of Vyom.

Who sits fourth to the left of Vyom?

- Ans
- ☒ 1. Samir
 - ☒ 2. Suman
 - ☒ 3. Kiran
 - ☒ 4. Pran

Question ID : 264330144638

Option 1 ID : 264330566809

Option 2 ID : 264330566807

Option 3 ID : 264330566808

Option 4 ID : 264330566810

Status : Not Answered

Chosen Option : --

Q.24 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)
Bear : Boar

- Ans
- ☒ 1. Ox : Cow
 - ☒ 2. Chicken : Rooster
 - ☒ 3. Goose : Geese
 - ☒ 4. Sheep : lamb

Question ID : 264330131984

Option 1 ID : 264330517032

Option 2 ID : 264330517034

Option 3 ID : 264330517031

Option 4 ID : 264330517033

Status : Answered

Chosen Option : 2

Q.25 Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term?

16 : 1 :: ? : 3 :: 54 : 2

- Ans
- ☒ 1. 108
 - ☒ 2. 135
 - ☒ 3. 128
 - ☒ 4. 142

Question ID : 264330144458

Option 1 ID : 264330566087

Option 2 ID : 264330566089

Option 3 ID : 264330566090

Option 4 ID : 264330566088

Status : Not Answered

Chosen Option : --

Q.26 Select the option that indicates the correct arrangement of the given words in a logical and meaningful order.

1. Deer
2. Elephant
3. Mouse
4. Jackal
5. Cat

Ans ☒ 1. 2, 5, 1, 3, 4
☒ 2. 5, 1, 3, 4, 2
☒ 3. 3, 5, 4, 1, 2
☒ 4. 4, 5, 1, 2, 3

Question ID : 26433074674

Option 1 ID : 264330292787

Option 2 ID : 264330292786

Option 3 ID : 264330292785

Option 4 ID : 264330292784

Status : Answered

Chosen Option : 3

Q.27 If

'Z @ S' means 'Z is the father of S',
 'Z * S' means 'Z is the brother of S',
 'Z x S' means 'Z is the father's sister of S',
 'Z # S' means 'Z is the sister of S',
 'Z \$ S' means 'Z is the daughter of S', and
 'Z = S' means 'Z is the mother of S',
 then how is P related to U in the following expression?
 $P \times Q \$ R @ S * T \$ U$

Ans ☒ 1. Brother
☒ 2. Brother's son
☒ 3. Husband's sister
☒ 4. Daughter

Question ID : 264330144539

Option 1 ID : 264330566412

Option 2 ID : 264330566413

Option 3 ID : 264330566414

Option 4 ID : 264330566411

Status : Answered

Chosen Option : 3

Q.28 If A denotes '+', B denotes 'x', C denotes '-', and D denotes '÷', then what will come in place of '?' in the following equation?
 $81 D 9 B 3 C 27 = ?$

Ans ☒ 1. 3
☒ 2. 216
☒ 3. 9
☒ 4. 0

Question ID : 26433067678

Option 1 ID : 264330265225

Option 2 ID : 264330265227

Option 3 ID : 264330265226

Option 4 ID : 264330265224

Status : Answered

Chosen Option : 4

Q.29 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Magnification
2. Magnitude
3. Magnet
4. Maid
5. Magic

Ans ☒ 1. 5, 3, 2, 1, 4

☒ 2. 5, 3, 1, 2, 4

☒ 3. 5, 3, 1, 4, 2

☒ 4. 5, 1, 3, 2, 4

Question ID : 264330129552

Option 1 ID : 264330507575

Option 2 ID : 264330507576

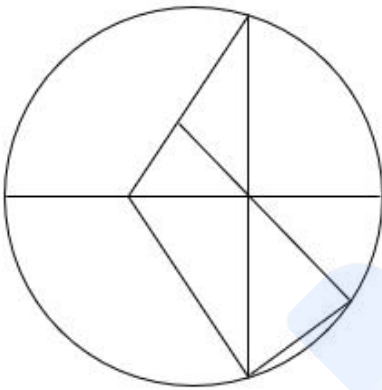
Option 3 ID : 264330507574

Option 4 ID : 264330507577

Status : Answered

Chosen Option : 2

Q.30 How many triangles are there in the given figure?



Ans ☒ 1. 8

☒ 2. 5

☒ 3. 7

☒ 4. 6

Question ID : 26433068139

Option 1 ID : 264330267071

Option 2 ID : 264330267070

Option 3 ID : 264330267068

Option 4 ID : 264330267069

Status : Answered

Chosen Option : 4

Q.31 If A denotes '+', B denotes '×', C denotes '-', and D denotes '÷', then what will be the value of the following equation?
22 B 13 C 120 D 30 A 42 = ?

- Ans ☒ 1. 324
☒ 2. 342
☒ 3. 325
☒ 4. 352

Question ID : 264330129789
Option 1 ID : 264330508388
Option 2 ID : 264330508389
Option 3 ID : 264330508390
Option 4 ID : 264330508387
Status : Not Answered
Chosen Option : --

Q.32 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

Timid : Bold :: Aggressive : ?

- Ans ☒ 1. Docile
☒ 2. Indifferent
☒ 3. Brave
☒ 4. Violent

Question ID : 264330144591
Option 1 ID : 264330566621
Option 2 ID : 264330566622
Option 3 ID : 264330566620
Option 4 ID : 264330566619
Status : Answered
Chosen Option : 1

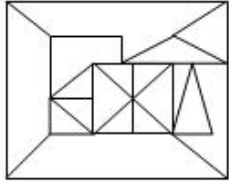
Q.33 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

Metal : Ore :: Jewelry : ?

- Ans ☒ 1. Necklace
☒ 2. Expensive
☒ 3. Gold smith
☒ 4. Gold

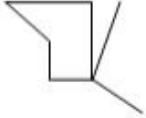
Question ID : 264330144530
Option 1 ID : 264330566376
Option 2 ID : 264330566378
Option 3 ID : 264330566375
Option 4 ID : 264330566377
Status : Answered
Chosen Option : 4

Q.34 Select the option figure which is embedded in the given figure as its part (rotation is NOT allowed).

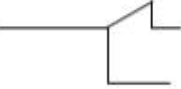


Ans

✓ 1.



✗ 2.



✗ 3.



✗ 4.



Question ID : 264330144784

Option 1 ID : 264330567393

Option 2 ID : 264330567391

Option 3 ID : 264330567392

Option 4 ID : 264330567394

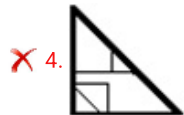
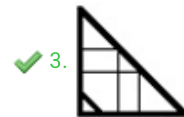
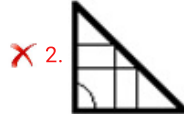
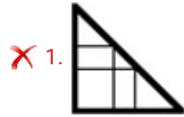
Status : Answered

Chosen Option : 1

Q.35 Select the figure from the options that can replace the question mark (?) and complete the given pattern.



Ans



Question ID : 26433074808

Option 1 ID : 264330293321

Option 2 ID : 264330293323

Option 3 ID : 264330293320

Option 4 ID : 264330293322

Status : Answered

Chosen Option : 3

Q.36 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1 Cocoon

2 Egg

3 Butterfly

4 Caterpillar

Ans ✗ 1. 2, 4, 3, 1

✗ 2. 2, 1, 3, 4

✗ 3. 2, 3, 1, 4

✓ 4. 2, 4, 1, 3

Question ID : 264330129677

Option 1 ID : 264330508074

Option 2 ID : 264330508077

Option 3 ID : 264330508076

Option 4 ID : 264330508075

Status : Answered

Chosen Option : 4

Q.37 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.
 $784 : 26 :: 961 : ? :: 529 : 21$

- Ans  1. 27
 2. 33
 3. 31
 4. 29

Question ID : 26433078938

Option 1 ID : 264330309766

Option 2 ID : 264330309767

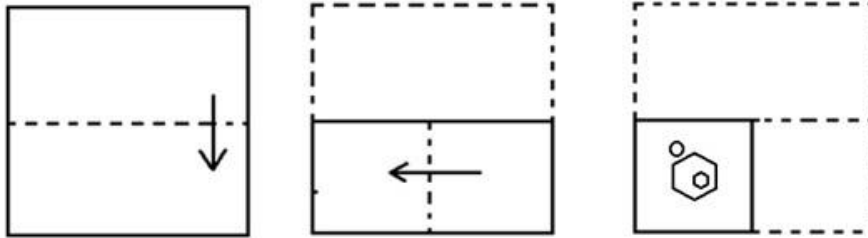
Option 3 ID : 264330309764

Option 4 ID : 264330309765

Status : Answered

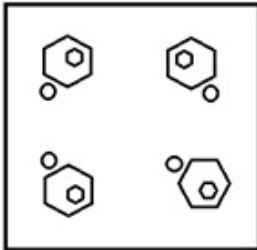
Chosen Option : 4

Q.38 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown below. Choose a figure which would most closely resemble the unfolded form of the paper.

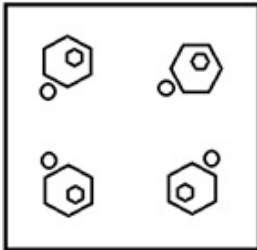


Ans

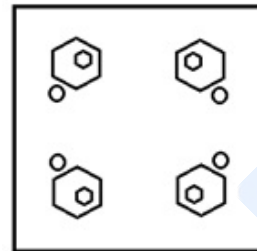
✗ 1.



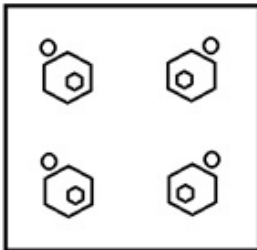
✗ 2.



✓ 3.



✗ 4.



Question ID : 264330103216

Option 1 ID : 264330405169

Option 2 ID : 264330405171

Option 3 ID : 264330405170

Option 4 ID : 264330405172

Status : Answered

Chosen Option : 4

Q.39 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

S _ T _ XW _ UT _ X _ S _ TV _ WS _ _ VX _

Ans ☒ 1. VUSVUWXUTW

☒ 2. UVSVWUXUTW

☒ 3. VUSVWUXXTW

☒ 4. UVSVUWXUTW

Question ID : 264330144515

Option 1 ID : 264330566318

Option 2 ID : 264330566317

Option 3 ID : 264330566316

Option 4 ID : 264330566315

Status : Answered

Chosen Option : 2

Q.40 Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

38 : 555 :: 25 : 360 :: 17 : ?

Ans ☒ 1. 225

☒ 2. 215

☒ 3. 240

☒ 4. 210

Question ID : 26433078880

Option 1 ID : 264330309534

Option 2 ID : 264330309533

Option 3 ID : 264330309535

Option 4 ID : 264330309532

Status : Not Answered

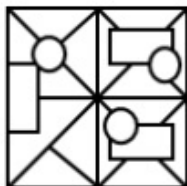
Chosen Option : --

Q.41 Select the option in which the given figure is embedded (rotation is NOT allowed).

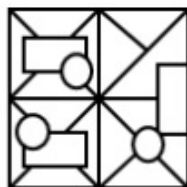


Ans

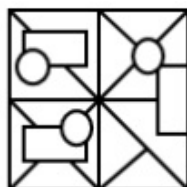
✗ 1.



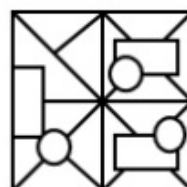
✗ 2.



✗ 3.



✓ 4.



Question ID : 264330126688

Option 1 ID : 264330496424

Option 2 ID : 264330496427

Option 3 ID : 264330496426

Option 4 ID : 264330496425

Status : Answered

Chosen Option : 4

Q.42 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

Seismograph : Earthquake :: Anemometer : ?

Ans ✗ 1. Humidity

✓ 2. Wind

✗ 3. Current

✗ 4. Light

Question ID : 264330144513

Option 1 ID : 264330566309

Option 2 ID : 264330566308

Option 3 ID : 264330566307

Option 4 ID : 264330566310

Status : Answered

Chosen Option : 3

Q.43 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Informer
2. Infested
3. Inferior
4. Infinity
5. Infirmary
6. Inflated

Ans ☒ 1. 3, 2, 5, 4, 6, 1
☒ 2. 3, 2, 4, 5, 6, 1
☒ 3. 2, 3, 4, 5, 6, 1
☒ 4. 2, 3, 4, 5, 1, 6

Question ID : 264330129469

Option 1 ID : 264330507245

Option 2 ID : 264330507243

Option 3 ID : 264330507244

Option 4 ID : 264330507242

Status : Answered

Chosen Option : 2

Q.44 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.
42 : 12 :: 77 : ? :: 91 : 19

Ans ☒ 1. 14
☒ 2. 19
☒ 3. 15
☒ 4. 17

Question ID : 264330126048

Option 1 ID : 264330493865

Option 2 ID : 264330493867

Option 3 ID : 264330493866

Option 4 ID : 264330493864

Status : Not Answered

Chosen Option : --

Q.45 In a code language, 'BROWN' is coded as CTRUM and 'ENTER' is coded as FPWCQ .
How will 'NOISE' be coded in the same language?

Ans ☒ 1. OQLPD
☒ 2. OPKQD
☒ 3. OQMPD
☒ 4. OQLQD

Question ID : 264330139459

Option 1 ID : 264330546269

Option 2 ID : 264330546270

Option 3 ID : 264330546268

Option 4 ID : 264330546267

Status : Answered

Chosen Option : 4

Q.46 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(20, 8, 4)

(12, 3, 6)

Ans ☒ 1. (44, 2, 24)

☒ 2. (22, 3, 9)

☒ 3. (32, 4, 14)

☒ 4. (8, 1, 6)

Question ID : 264330144452

Option 1 ID : 264330566066

Option 2 ID : 264330566064

Option 3 ID : 264330566063

Option 4 ID : 264330566065

Status : Answered

Chosen Option : 4

Q.47 Which of the following numbers will replace the question marks (?) in the given series?

112, 113, 117, ?, 142, 167, ?, 252, 316

Ans ☒ 1. 133, 215

☒ 2. 122, 224

☒ 3. 126, 203

☒ 4. 132, 214

Question ID : 26433096015

Option 1 ID : 264330376830

Option 2 ID : 264330376829

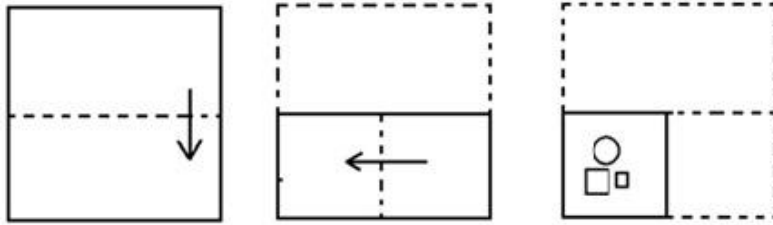
Option 3 ID : 264330376832

Option 4 ID : 264330376831

Status : Answered

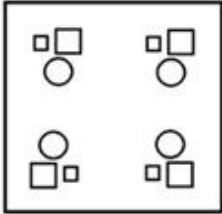
Chosen Option : 3

Q.48 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown below. Choose a figure which would most closely resemble the unfolded form of the paper.

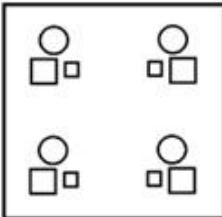


Ans

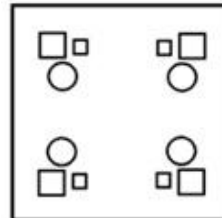
✗ 1.



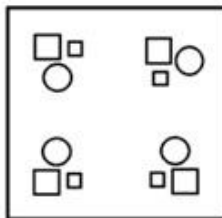
✗ 2.



✓ 3.



✗ 4.



Question ID : 264330103212

Option 1 ID : 264330405154

Option 2 ID : 264330405156

Option 3 ID : 264330405153

Option 4 ID : 264330405155

Status : Answered

Chosen Option : 3

Q.49 In a certain code language, 'CRAZE' is written as '87' and 'MAIZE' is written as '86'.
How will 'DEPART' be written in that language?

- Ans** ☒ 1. 104
☒ 2. 90
☒ 3. 110
☒ 4. 95

Question ID : 264330144556
 Option 1 ID : 264330566479
 Option 2 ID : 264330566481
 Option 3 ID : 264330566482
 Option 4 ID : 264330566480
 Status : **Not Answered**
 Chosen Option : --

Q.50 Select the option that represents the letters which, when sequentially placed from left to right in the blanks below, will complete the letter series.
 Z _ _ O _ _ M Y _ A Z _ Y O A

- Ans** ☒ 1. M Y A Z O M
☒ 2. A O Z M Y M
☒ 3. Z A M O M Y
☒ 4. Y O M Z A O

Question ID : 26433086963
 Option 1 ID : 264330341494
 Option 2 ID : 264330341493
 Option 3 ID : 264330341496
 Option 4 ID : 264330341495
 Status : **Answered**
 Chosen Option : 1

Section : **General Awareness**

Q.1 Which of the following is the correct match of the column-A with column-B?

Column-A (Lake)

- i. Lake Victoria
- ii. Lake Superior
- iii. Caspian Sea
- iv. Lake Eyre

Column-B (Continent)

- a. North America
- b. Australia
- c. Africa
- d. Asia

- Ans** ☒ 1. i-c, ii-d, iii-b, iv-a
☒ 2. i-c, ii-a, iii-d, iv-b
☒ 3. i-c, ii-d, iii-a, iv-b
☒ 4. i-d, ii-c, iii-b, iv-a

Question ID : 264330131825
 Option 1 ID : 264330516401
 Option 2 ID : 264330516399
 Option 3 ID : 264330516400
 Option 4 ID : 264330516402
 Status : **Not Answered**
 Chosen Option : --

Q.2 Which of the following statements is NOT correct about angiosperms?

Ans ☒ 1. These plants have covered seeds.

☒ 2. Double fertilisation is a characteristic of angiosperms.

☒ 3. These are seedless plants.

☒ 4. These are also called flowering plants.

Question ID : 264330109909

Option 1 ID : 264330431916

Option 2 ID : 264330431915

Option 3 ID : 264330431913

Option 4 ID : 264330431914

Status : **Not Answered**

Chosen Option : --

Q.3 What is the unemployment rate (in percent) in urban area as per the report of Periodic Labor Force Survey (PLFS) 2020-21?

Ans ☒ 1. 6.7

☒ 2. 10.8

☒ 3. 4.0

☒ 4. 7.2

Question ID : 264330111357

Option 1 ID : 264330437513

Option 2 ID : 264330437516

Option 3 ID : 264330437515

Option 4 ID : 264330437514

Status : **Not Answered**

Chosen Option : --

Q.4 Who used to supervise the work of collection of revenue in the Mauryan Kingdom?

Ans ☒ 1. Samaharta

☒ 2. Rajuka

☒ 3. Sannidhata

☒ 4. Pratedak

Question ID : 264330112135

Option 1 ID : 264330440625

Option 2 ID : 264330440627

Option 3 ID : 264330440626

Option 4 ID : 264330440628

Status : **Not Answered**

Chosen Option : --

Q.5 The question consists of two statements, namely, Assertion (A) and Reason (R). Use them to choose the correct alternative. Read the following statements and select the correct alternative

Assertion (A): Expenditure on interest payment is a capital expenditure

Reason (R): Interest payments neither creates any assets nor causes a reduction in liabilities of the government.

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

Question ID : 264330108902

Option 1 ID : 264330427885

Option 2 ID : 264330427886

Option 3 ID : 264330427888

Option 4 ID : 264330427887

Status : Not Answered

Chosen Option : --

Q.6 Which is the least populated state according to the census of 2011?

- Ans**
- ☒ 1. Arunachal Pradesh
 - ☒ 2. Nagaland
 - ☒ 3. Sikkim
 - ☒ 4. Tripura

Question ID : 264330119239

Option 1 ID : 264330467246

Option 2 ID : 264330467245

Option 3 ID : 264330467243

Option 4 ID : 264330467244

Status : Answered

Chosen Option : 3

Q.7 Which of the following groups of rivers is placed in the correct sequence from north to south of the Peninsular River?

- Ans**
- ☒ 1. Godavari-Krishna-Mahanadi-Kaveri
 - ☒ 2. Godavari-Mahanadi-Krishna-Kaveri
 - ☒ 3. Mahanadi-Godavari-Krishna-Kaveri
 - ☒ 4. Godavari-Krishna-Kaveri-Mahanadi

Question ID : 264330132727

Option 1 ID : 264330520005

Option 2 ID : 264330520003

Option 3 ID : 264330520004

Option 4 ID : 264330520006

Status : Not Answered

Chosen Option : --

Q.8 In September 2022, who among the following was elected as President of Hockey India?

- Ans
- ☐ 1. Surender Kumar
 - ☐ 2. Dhanraj Pillay
 - ☐ 3. Harmanpreet Singh
 - ☒ 4. Dilip Tirkey

Question ID : 264330133014
Option 1 ID : 264330521112
Option 2 ID : 264330521111
Option 3 ID : 264330521114
Option 4 ID : 264330521113
Status : **Not Answered**
Chosen Option : --

Q.9 India's drainage system is divided on the basis of the size of the watershed. Which of the following is NOT a part of the drainage basin of India?

- Ans
- ☐ 1. Minor river basin
 - ☐ 2. Medium river basin
 - ☐ 3. Major river basin
 - ☒ 4. Average river basin

Question ID : 26433064100
Option 1 ID : 264330250994
Option 2 ID : 264330250993
Option 3 ID : 264330250992
Option 4 ID : 264330250995
Status : **Not Answered**
Chosen Option : --

Q.10 Which is a circular basin covering an area of 5.427 million square miles surrounded by North America and Eurasia?

- Ans
- ☐ 1. Indian Ocean
 - ☒ 2. Arctic Ocean
 - ☐ 3. Atlantic Ocean
 - ☐ 4. Pacific Ocean

Question ID : 264330110205
Option 1 ID : 264330433097
Option 2 ID : 264330433099
Option 3 ID : 264330433098
Option 4 ID : 264330433100
Status : **Not Answered**
Chosen Option : --

Q.11 A financial institution can be a banking institution only when it _____.

- Ans ☒ 1. neither performs the function of 'accepting deposits' nor of 'advancing loans'
- ☒ 2. performs the function of 'advancing loans' and not 'accepting deposits'
- ☒ 3. performs both the functions of 'accepting deposits' and 'advancing loans'
- ☒ 4. performs the function of 'accepting deposits' and not 'advancing loans'

Question ID : 264330144408

Option 1 ID : 264330565890

Option 2 ID : 264330565888

Option 3 ID : 264330565889

Option 4 ID : 264330565887

Status : Not Answered

Chosen Option : --

Q.12 Which of the following statements is INCORRECT about vinegar?

- Ans ☒ 1. Vinegar is a combination of acetic acid and water.
- ☒ 2. It is produced by 2-step fermentation.
- ☒ 3. It is a combination of acetic acid and formic acid.
- ☒ 4. It can be used as a food preservative.

Question ID : 264330112841

Option 1 ID : 264330443450

Option 2 ID : 264330443451

Option 3 ID : 264330443452

Option 4 ID : 264330443449

Status : Not Answered

Chosen Option : --

Q.13 Which of the following statements is INCORRECT with respect to Special Capital Linked Subsidy Scheme for Service Sector?

- Ans ☒ 1. The Ministry of MSME is the implementing ministry for the scheme.
- ☒ 2. It was launched from Guwahati.
- ☒ 3. It has been launched in 2022.
- ☒ 4. Capital subsidy of 25% will be provided for procurement of Plant & Machinery and service equipment's through institutional credit to the SC-ST MSEs.

Question ID : 264330156914

Option 1 ID : 264330615032

Option 2 ID : 264330615033

Option 3 ID : 264330615031

Option 4 ID : 264330615034

Status : Not Answered

Chosen Option : --

Q.14 Who among the following Bengal Nawabs transferred his capital from Murshidabad to Monghyr?

- Ans ☒ 1. Alivardi Khan
☒ 2. Mir Kasim
☒ 3. Mir Jafar
☒ 4. Siraj-ud-Daulah

Question ID : 264330109054
Option 1 ID : 264330428496
Option 2 ID : 264330428493
Option 3 ID : 264330428495
Option 4 ID : 264330428494
Status : Answered
Chosen Option : 4

Q.15 How can using templates benefit users when creating a PowerPoint presentation?

- Ans ☒ 1. Templates enable real-time collaboration with multiple users.
☒ 2. Templates automatically generate slide content and animations.
☒ 3. Templates provide a consistent design and save time in formatting.
☒ 4. Templates allow users to insert audio and video clips into slides.

Question ID : 264330168589
Option 1 ID : 264330661167
Option 2 ID : 264330661168
Option 3 ID : 264330661169
Option 4 ID : 264330661170
Status : Not Answered
Chosen Option : --

Q.16 What is the percentage increase in the total literacy rate in 2011 over 2001?

- Ans ☒ 1. 8.99%
☒ 2. 8.67%
☒ 3. 7.90%
☒ 4. 9.21%

Question ID : 264330119815
Option 1 ID : 264330469536
Option 2 ID : 264330469537
Option 3 ID : 264330469535
Option 4 ID : 264330469538
Status : Not Answered
Chosen Option : --

Q.17 Which of the following is Mohr's salt, used in analytical chemistry as a preferred source of ferrous ions?

Ans

- ☒ 1. $\text{FeC}_2\text{O}_4 \cdot 6\text{H}_2\text{O}$
- ☒ 2. $\text{FeSO}_4 \cdot (\text{NH}_4)_2\text{SO}_4 \cdot 6\text{H}_2\text{O}$
- ☒ 3. $\text{K}_4[\text{Fe}(\text{CN})_6] \cdot 6\text{H}_2\text{O}$
- ☒ 4. $\text{C}_4\text{H}_2\text{FeO}_4 \cdot 6\text{H}_2\text{O}$

Question ID : 264330133267

Option 1 ID : 264330522118

Option 2 ID : 264330522115

Option 3 ID : 264330522116

Option 4 ID : 264330522117

Status : Not Answered

Chosen Option : --

Q.18 What work was published by John Dalton in 1808 that provided a physical picture of how elements combine to form compounds and an unprecedented reason to believe that atoms exist?

Ans

- ☒ 1. From Chemical Philosophy to Theoretical Chemistry
- ☒ 2. Introduction to the Study of Chemical Philosophy
- ☒ 3. A New System of Chemical Philosophy
- ☒ 4. Lessons in Chemical Philosophy

Question ID : 264330141678

Option 1 ID : 264330555031

Option 2 ID : 264330555033

Option 3 ID : 264330555032

Option 4 ID : 264330555034

Status : Not Answered

Chosen Option : --

Q.19 The idea of Fundamental Duties has been borrowed from the Constitution of:

Ans

- ☒ 1. The UK
- ☒ 2. Ireland
- ☒ 3. The US
- ☒ 4. USSR

Question ID : 26433089956

Option 1 ID : 264330353301

Option 2 ID : 264330353302

Option 3 ID : 264330353303

Option 4 ID : 264330353304

Status : Answered

Chosen Option : 3

Q.20 What was the motto of the National Games of India 2022?

- Ans ☒ 1. Celebrating unity through sports
- ☐ 2. Celebrating brotherhood through sports
- ☐ 3. Celebrating sports through unity
- ☐ 4. Celebrating diversity through sports

Question ID : 264330119249
Option 1 ID : 264330467285
Option 2 ID : 264330467286
Option 3 ID : 264330467283
Option 4 ID : 264330467284
Status : Not Answered
Chosen Option : --

Q.21 In which state of India is the Bhadla Solar Power Park established?

- Ans ☒ 1. Rajasthan
- ☐ 2. Madhya Pradesh
- ☐ 3. Odisha
- ☐ 4. Gujarat

Question ID : 264330138064
Option 1 ID : 264330540863
Option 2 ID : 264330540864
Option 3 ID : 264330540865
Option 4 ID : 264330540866
Status : Not Answered
Chosen Option : --

Q.22 Domingo Paes was a _____ traveller, who visited the Vijayanagara empire in the 16th century.

- Ans ☒ 1. Portuguese
- ☐ 2. Italian
- ☐ 3. Spanish
- ☐ 4. Russian

Question ID : 26433089875
Option 1 ID : 264330352978
Option 2 ID : 264330352980
Option 3 ID : 264330352979
Option 4 ID : 264330352977
Status : Not Answered
Chosen Option : --

Q.23 Which of the following is a hydroxybenzaldehyde that possesses a hydroxy substituent at position 2 extracted from the herb 'meadow sweet'?

- Ans
- ☒ 1. Acetaldehyde
 - ☒ 2. Cinnamaldehyde
 - ☒ 3. Formaldehyde
 - ☒ 4. Salicylaldehyde

Question ID : 264330114591
Option 1 ID : 264330450450
Option 2 ID : 264330450451
Option 3 ID : 264330450449
Option 4 ID : 264330450452
Status : Not Answered
Chosen Option : --

Q.24 According to the Census of India 2011, identify the least literate state.

- Ans
- ☒ 1. Bihar
 - ☒ 2. Rajasthan
 - ☒ 3. Uttar Pradesh
 - ☒ 4. Madhya Pradesh

Question ID : 264330157094
Option 1 ID : 264330615747
Option 2 ID : 264330615750
Option 3 ID : 264330615748
Option 4 ID : 264330615749
Status : Answered
Chosen Option : 1

Q.25 Which are the two most common minerals found in rocks?

- Ans
- ☒ 1. Amphibole and olivine
 - ☒ 2. Mica and calcite
 - ☒ 3. Bauxite and Calcite
 - ☒ 4. Feldspar and quartz

Question ID : 264330135591
Option 1 ID : 264330531264
Option 2 ID : 264330531263
Option 3 ID : 264330531266
Option 4 ID : 264330531265
Status : Answered
Chosen Option : 4

Q.26 In which of the following states of India is the legislative assembly election was held in late 2022?

- Ans
- ☒ 1. Rajasthan
 - ☒ 2. Karnataka
 - ☒ 3. Himachal Pradesh
 - ☒ 4. Nagaland

Question ID : 26433090626

Option 1 ID : 264330355927

Option 2 ID : 264330355926

Option 3 ID : 264330355928

Option 4 ID : 264330355925

Status : Answered

Chosen Option : 2

Q.27 Which of the following countries is the host of the Asian boxing Championship 2022?

- Ans
- ☒ 1. Jordan
 - ☒ 2. Russia
 - ☒ 3. Iran
 - ☒ 4. Kazakhstan

Question ID : 264330109715

Option 1 ID : 264330431137

Option 2 ID : 264330431140

Option 3 ID : 264330431138

Option 4 ID : 264330431139

Status : Not Answered

Chosen Option : --

Q.28 Acidified KMnO_4 can be used:

- Ans
- ☒ 1. to get carboxylic acids directly from alcohol
 - ☒ 2. to get formic acid from formaldehyde
 - ☒ 3. to get alcohol directly from carboxylic acids
 - ☒ 4. to get glycerol from glucose

Question ID : 264330118019

Option 1 ID : 264330463891

Option 2 ID : 264330463893

Option 3 ID : 264330463892

Option 4 ID : 264330463894

Status : Not Answered

Chosen Option : --

Q.29 Sulochana Chavan is associated with _____ folk music.

- Ans ☒ 1. Pandavani
☒ 2. Lavani Geet
☒ 3. Bihu Geet
☒ 4. Baul

Question ID : 26433082117
Option 1 ID : 264330322304
Option 2 ID : 264330322301
Option 3 ID : 264330322303
Option 4 ID : 264330322302
Status : Not Answered
Chosen Option : --

Q.30 What architecture is the famous black pagoda temple situated in Konark?

- Ans ☒ 1. Dravid architecture
☒ 2. Champa architecture
☒ 3. Kalinga architecture
☒ 4. Gadaga architecture

Question ID : 26433072659
Option 1 ID : 264330284899
Option 2 ID : 264330284898
Option 3 ID : 264330284897
Option 4 ID : 264330284896
Status : Answered
Chosen Option : 1

Q.31 The 'PRASHAD' scheme of the Government of India is associated with which ministry of the government?

- Ans ☒ 1. Tribal Affairs
☒ 2. Education
☒ 3. Tourism
☒ 4. Culture

Question ID : 264330158456
Option 1 ID : 264330621185
Option 2 ID : 264330621184
Option 3 ID : 264330621186
Option 4 ID : 264330621183
Status : Not Answered
Chosen Option : --

Q.32 Which of following was established in Madras in 1864?

- Ans ☒ 1. Brahmo Samaj
☒ 2. Veda Samaj
☒ 3. Singh Sabha Samaj
☒ 4. Arya Mahila Samaj

Question ID : 264330111405
Option 1 ID : 264330437707
Option 2 ID : 264330437706
Option 3 ID : 264330437708
Option 4 ID : 264330437705
Status : Not Answered
Chosen Option : --

Q.33 Which of the following articles guarantees that no person shall be punished on the basis of laws enacted after a crime has been committed?

- Ans ☒ 1. Article 20
☒ 2. Article 19
☒ 3. Article 21
☒ 4. Article 22

Question ID : 264330112755
Option 1 ID : 264330443106
Option 2 ID : 264330443105
Option 3 ID : 264330443107
Option 4 ID : 264330443108
Status : Answered
Chosen Option : 3

Q.34 In order to claim the accumulation of income, trusts or charitable institutions must file Form 9A and Form 10 at least _____ prior to the deadline for filing the return of income as per Finance Bill 2023.

- Ans ☒ 1. 1 month
☒ 2. 6 months
☒ 3. 3 months
☒ 4. 2 months

Question ID : 264330156938
Option 1 ID : 264330615127
Option 2 ID : 264330615129
Option 3 ID : 264330615128
Option 4 ID : 264330615130
Status : Not Answered
Chosen Option : --

Q.35 Which of the following connects the continental shelf and the ocean basins?

- Ans ☒ 1. Deep sea plains
☒ 2. Mid oceanic ridges
☒ 3. Seamount
☒ 4. Continental slope

Question ID : 264330113363

Option 1 ID : 264330445539

Option 2 ID : 264330445540

Option 3 ID : 264330445537

Option 4 ID : 264330445538

Status : Not Answered

Chosen Option : --

Q.36 In which century was the Kuchipudi style of Yakshagaana conceived by Siddhendra Yogi?

- Ans ☒ 1. 16th
☒ 2. 17th
☒ 3. 15th
☒ 4. 14th

Question ID : 26433090715

Option 1 ID : 264330356283

Option 2 ID : 264330356284

Option 3 ID : 264330356282

Option 4 ID : 264330356281

Status : Not Answered

Chosen Option : --

Q.37 Which of the following food groups is rich source of Vitamin B12?

- Ans ☒ 1. Cereals and grains products
☒ 2. Pulses and legumes
☒ 3. Milk and meat products
☒ 4. Fruits and vegetables

Question ID : 264330113328

Option 1 ID : 264330445397

Option 2 ID : 264330445398

Option 3 ID : 264330445399

Option 4 ID : 264330445400

Status : Not Answered

Chosen Option : --

Q.38 Identify the **INCORRECT** statement about fermentation.

- Ans ☒ 1. The fermentation technique is used to make breads.
- ☒ 2. Yeast is used in fermentation technology to prepare alcohol.
- ☒ 3. It is the process of breaking down sugar into alcohol.
- ☒ 4. Fermentation occurs only in fungal cells.

Question ID : 264330109936

Option 1 ID : 264330432022

Option 2 ID : 264330432023

Option 3 ID : 264330432021

Option 4 ID : 264330432024

Status : Answered

Chosen Option : 4

Q.39 Chhau is a recognised dance form, for which Shashidhar Acharya received the Padma Shri. To which part of the country does this dance form belong?

- Ans ☒ 1. Western
- ☒ 2. Eastern
- ☒ 3. Southern
- ☒ 4. Central

Question ID : 26433064800

Option 1 ID : 264330253794

Option 2 ID : 264330253792

Option 3 ID : 264330253793

Option 4 ID : 264330253795

Status : Not Answered

Chosen Option : --

Q.40 Which of the following food additives are helpful to combine products containing immiscible food ingredients, such as oil and water, with one another?

- Ans ☒ 1. Food sweeteners
- ☒ 2. Food emulsifiers
- ☒ 3. Food preservatives
- ☒ 4. Food stabilisers

Question ID : 264330112840

Option 1 ID : 264330443447

Option 2 ID : 264330443446

Option 3 ID : 264330443448

Option 4 ID : 264330443445

Status : Not Answered

Chosen Option : --

Q.41 According to _____ of the Constitution of India, no person shall be compelled to pay any taxes for the promotion of a particular religion.

- Ans
- ☒ 1. Article 28
 - ☒ 2. Article 25
 - ☒ 3. Article 26
 - ☒ 4. Article 27

Question ID : 264330130433
Option 1 ID : 264330510846
Option 2 ID : 264330510843
Option 3 ID : 264330510844
Option 4 ID : 264330510845
Status : Not Answered
Chosen Option : --

Q.42 Who studied ecological succession in the Indiana Dunes of Northwest Indiana in the 1890s?

- Ans
- ☒ 1. Frederic Clements
 - ☒ 2. Henry Chandler Cowles
 - ☒ 3. G Evelyn Hutchinson
 - ☒ 4. Charles Elton

Question ID : 264330144347
Option 1 ID : 264330565647
Option 2 ID : 264330565650
Option 3 ID : 264330565649
Option 4 ID : 264330565648
Status : Not Answered
Chosen Option : --

Q.43 Burnpur in West Bengal is famous for which of the following industries?

- Ans
- ☒ 1. Software industry
 - ☒ 2. Iron and steel industry
 - ☒ 3. Ship building industry
 - ☒ 4. Aeronautics industry

Question ID : 264330113270
Option 1 ID : 264330445168
Option 2 ID : 264330445165
Option 3 ID : 264330445167
Option 4 ID : 264330445166
Status : Not Answered
Chosen Option : --

Q.44 Which of the following Articles of the Indian Constitution mentioned that the Prime Minister is appointed by the President of India?

- Ans
- ☒ 1. 71
 - ☒ 2. 70
 - ☒ 3. 75
 - ☒ 4. 57

Question ID : 264330120160

Option 1 ID : 264330470897

Option 2 ID : 264330470898

Option 3 ID : 264330470895

Option 4 ID : 264330470896

Status : Not Answered

Chosen Option : --

Q.45 The Board of Control established to control company affairs had how many members?

- Ans
- ☒ 1. Three
 - ☒ 2. Four
 - ☒ 3. Five
 - ☒ 4. Six

Question ID : 264330112170

Option 1 ID : 264330440765

Option 2 ID : 264330440766

Option 3 ID : 264330440767

Option 4 ID : 264330440768

Status : Not Answered

Chosen Option : --

Q.46 In June 2022, who among the following took an oath as Delhi High Court Chief Justice?

- Ans
- ☒ 1. Justice Vipin Sanghi
 - ☒ 2. Justice Satish Chandra Sharma
 - ☒ 3. Justice Dhirubhai Naranbhai Patel
 - ☒ 4. Justice Sanjay Karol

Question ID : 264330137299

Option 1 ID : 264330537824

Option 2 ID : 264330537825

Option 3 ID : 264330537823

Option 4 ID : 264330537826

Status : Not Answered

Chosen Option : --

Q.47 The salaries and allowances of the Speaker and the Deputy Speaker of the Legislative Assembly and Chairman and Deputy Chairman of the State Legislative Council are fixed by the _____.

- Ans**
- ☒ 1. State legislature
 - ☐ 2. Chief Minister
 - ☐ 3. State Cabinet
 - ☐ 4. Governor of the State

Question ID : 264330130496
Option 1 ID : 264330511096
Option 2 ID : 264330511097
Option 3 ID : 264330511098
Option 4 ID : 264330511095
Status : **Answered**
Chosen Option : 1

Q.48 Which period best defines the period of the first Green Revolution in India?

- Ans**
- ☐ 1. Mid 1990s to early 2010s
 - ☒ 2. Mid 1960s to early 1980s
 - ☐ 3. Mid 1950s to early 1960s
 - ☐ 4. Mid 1980s to early 1990s

Question ID : 264330112900
Option 1 ID : 264330443688
Option 2 ID : 264330443686
Option 3 ID : 264330443685
Option 4 ID : 264330443687
Status : **Not Answered**
Chosen Option : --

Q.49 Which option allows you to import recipient addresses from a spreadsheet when creating mailing labels in MS Word?

- Ans**
- ☒ 1. Mail Merge Wizard
 - ☐ 2. Merge and Print
 - ☐ 3. Create Labels
 - ☐ 4. Import Data

Question ID : 264330168597
Option 1 ID : 264330661201
Option 2 ID : 264330661200
Option 3 ID : 264330661202
Option 4 ID : 264330661199
Status : **Not Answered**
Chosen Option : --

Q.50 Which of the following musical instruments was played by Ustad Bismillah Khan on the eve of India's independence in the year 1947?

- Ans
- ☐ 1. Bansuri
 - ☐ 2. Bugle
 - ☐ 3. Sarangi
 - ☒ 4. Shehnai

Question ID : 26433071510
Option 1 ID : 264330280467
Option 2 ID : 264330280465
Option 3 ID : 264330280466
Option 4 ID : 264330280464
Status : Answered
Chosen Option : 4

Section : General Engineering Electrical

Q.1 Which option among the following is correctly associated with the 'Auxiliary motor starting'?

- Ans
- ☒ 1. A small direct-coupled induction motor, called pony motor, is used for the starting purpose of the synchronous motor.
 - ☐ 2. A squirrel cage winding is used for the starting purpose of the starting of the synchronous motor.
 - ☐ 3. A DC supply and DC compound motor is used for the starting purpose of the starting of the synchronous motor.
 - ☐ 4. A damper winding is used for the starting purpose of the starting of the synchronous motor.

Question ID : 264330164908
Option 1 ID : 264330646760
Option 2 ID : 264330646762
Option 3 ID : 264330646761
Option 4 ID : 264330646759
Status : Answered
Chosen Option : 1

Q.2 Which of the following is the application of soft magnetic materials?

- Ans
- ☒ 1. Electromagnets
 - ☐ 2. Speakers
 - ☐ 3. Permanent magnets
 - ☐ 4. Microphones

Question ID : 26433096874
Option 1 ID : 264330380236
Option 2 ID : 264330380234
Option 3 ID : 264330380233
Option 4 ID : 264330380235
Status : Answered
Chosen Option : 3

Q.3 FET is like a switched on condition when it operates in _____ mode.

- Ans
- ☒ 1. ohmic
 - ☒ 2. cut off
 - ☒ 3. inversion
 - ☒ 4. saturation

Question ID : 264330159778

Option 1 ID : 264330626459

Option 2 ID : 264330626461

Option 3 ID : 264330626462

Option 4 ID : 264330626460

Status : Answered

Chosen Option : 4

Q.4 Which of the following parts is NOT present in a typical brushless DC motor?

- Ans
- ☒ 1. Commutator
 - ☒ 2. Fixed armature
 - ☒ 3. Electronic controller
 - ☒ 4. Permanent magnet

Question ID : 264330164861

Option 1 ID : 264330646572

Option 2 ID : 264330646573

Option 3 ID : 264330646571

Option 4 ID : 264330646574

Status : Answered

Chosen Option : 3

Q.5 In case of circuit laws, the currents flowing in various conductors in an electrical circuit are calculated by applying _____.

- Ans
- ☒ 1. Kirchhoff's law
 - ☒ 2. the direct method
 - ☒ 3. the network reduction method
 - ☒ 4. Laplace's law

Question ID : 264330160079

Option 1 ID : 264330627657

Option 2 ID : 264330627655

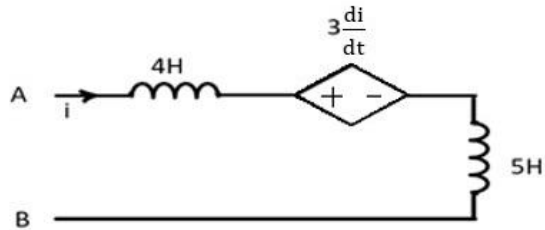
Option 3 ID : 264330627656

Option 4 ID : 264330627658

Status : Answered

Chosen Option : 1

Q.6 Find the value of the equivalent inductance as seen from the open terminal for the diagram shown below.



Ans ☒ 1. 12H

☒ 2. 10H

☒ 3. 9H

☒ 4. 24H

Question ID : 26433096409

Option 1 ID : 264330378373

Option 2 ID : 264330378375

Option 3 ID : 264330378374

Option 4 ID : 264330378376

Status : Answered

Chosen Option : 3

Q.7 When two or more sinusoidal waves are precisely in step with one another, they are said to be:

Ans ☒ 1. 60 degrees leading

☒ 2. out of phase

☒ 3. 60 degrees lagging

☒ 4. in phase

Question ID : 26433096118

Option 1 ID : 264330377244

Option 2 ID : 264330377242

Option 3 ID : 264330377243

Option 4 ID : 264330377241

Status : Answered

Chosen Option : 2

Q.8 The depletion layer capacitance is essentially the capacitance of a _____ p-n junction.

Ans ☒ 1. reverse-bias

☒ 2. saturated

☒ 3. cut-off

☒ 4. forward-bias

Question ID : 26433098137

Option 1 ID : 264330385202

Option 2 ID : 264330385203

Option 3 ID : 264330385204

Option 4 ID : 264330385201

Status : Answered

Chosen Option : 4

Q.9 Which of the following lamps is suitable for highway lighting?

- Ans ☒ 1. Neon lamp
☒ 2. Incandescent lamp
☒ 3. Fluorescent lamp
☒ 4. Sodium vapour light

Question ID : 264330158185

Option 1 ID : 264330620102

Option 2 ID : 264330620101

Option 3 ID : 264330620099

Option 4 ID : 264330620100

Status : Answered

Chosen Option : 4

Q.10 In case of magnetic circuits, the product of the number of turns on a coil and the current flowing through the coil is called _____.

- Ans ☒ 1. relative permeability
☒ 2. EMF
☒ 3. MMF
☒ 4. absolute permeability

Question ID : 264330157667

Option 1 ID : 264330618030

Option 2 ID : 264330618028

Option 3 ID : 264330618027

Option 4 ID : 264330618029

Status : Answered

Chosen Option : 3

Q.11 What kind of error does it constitute if only one of the parties to a contract misunderstands its terms or scope?

- Ans ☒ 1. Bilateral mistake
☒ 2. Multilateral mistake
☒ 3. Mutual mistake
☒ 4. Unilateral mistake

Question ID : 264330158156

Option 1 ID : 264330619985

Option 2 ID : 264330619984

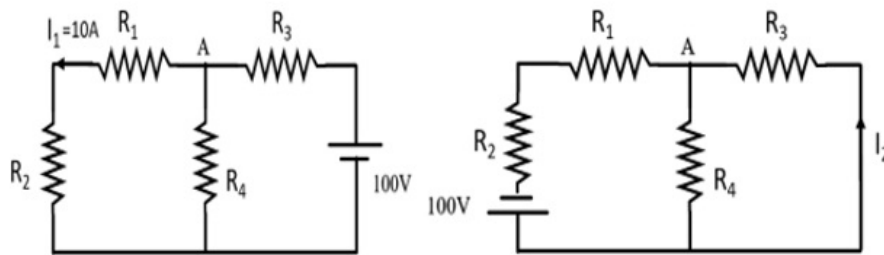
Option 3 ID : 264330619983

Option 4 ID : 264330619986

Status : Answered

Chosen Option : 4

Q.12 The value of the current I_2 if I_1 is equal to 10A, is:



- Ans
- ☒ 1. 0 A
 - ☒ 2. $\frac{100}{R_2}$ A
 - ☒ 3. $\frac{100}{R_3}$ A
 - ☒ 4. 10 A

Question ID : 26433096472

Option 1 ID : 264330378628

Option 2 ID : 264330378626

Option 3 ID : 264330378625

Option 4 ID : 264330378627

Status : Answered

Chosen Option : 3

Q.13 Which of the following is NOT a desirable criteria for an underground cable?

- Ans
- ☒ 1. Proper insulation thickness should be taken care of in order to provide greater degree of safety
 - ☒ 2. Mechanical protection is not required in any underground cable
 - ☒ 3. Conductors should be used such that heating loss is minimum
 - ☒ 4. Conductors used in the cable should be stranded

Question ID : 264330158126

Option 1 ID : 264330619866

Option 2 ID : 264330619865

Option 3 ID : 264330619864

Option 4 ID : 264330619863

Status : Answered

Chosen Option : 2

Q.14 How does the input impedance of a CRO affect its deflection sensitivity?

- Ans ☒ 1. It is directly proportional at low input impedance and inversely proportional at high input impedance
- ☒ 2. Higher input impedance leads to higher deflection sensitivity
- ☒ 3. Lower input impedance leads to higher deflection sensitivity
- ☒ 4. The input impedance does not affect deflection sensitivity

Question ID : 264330157580

Option 1 ID : 264330617681

Option 2 ID : 264330617680

Option 3 ID : 264330617679

Option 4 ID : 264330617682

Status : Answered

Chosen Option : 2

Q.15 To measure the frequency of a waveform, which of the following data is necessary from the CRO?

- Ans ☒ 1. Amplitude of the waveform
- ☒ 2. Time period of the waveform
- ☒ 3. Peak to peak value of the waveform
- ☒ 4. Vertical scale setting

Question ID : 264330157575

Option 1 ID : 264330617659

Option 2 ID : 264330617661

Option 3 ID : 264330617660

Option 4 ID : 264330617662

Status : Answered

Chosen Option : 2

Q.16 In the split-phase induction motor, the starting torque of the resistance start motor is about _____ the full load torque.

- Ans ☒ 1. 15 times
- ☒ 2. 1.5 times
- ☒ 3. 150 times
- ☒ 4. 0.15 times

Question ID : 264330164888

Option 1 ID : 264330646681

Option 2 ID : 264330646680

Option 3 ID : 264330646682

Option 4 ID : 264330646679

Status : Answered

Chosen Option : 2

Q.17 An RLC series circuit has $R = 5 \Omega$ and $L = 1 \text{ H}$. Which of the following values of capacitance will make this circuit critically damped?

- Ans ☒ 1. 0.16 F
☐ 2. 0.30 F
☐ 3. 0.08 F
☐ 4. 0.20 F

Question ID : 264330159436
Option 1 ID : 264330625103
Option 2 ID : 264330625106
Option 3 ID : 264330625104
Option 4 ID : 264330625105
Status : Not Answered
Chosen Option : --

Q.18 Select the INCORRECT statement(s) regarding squirrel-cage induction generators used in wind power plants.

- A) They can be used in both constant-speed and variable-speed applications.
B) They work within a narrow speed range, which is slightly above the synchronous speed.
C) Squirrel-cage induction generators are more expensive than wound-rotor induction generators.

- Ans ☒ 1. Only C
☐ 2. Only B
☐ 3. Only A
☐ 4. A and B

Question ID : 264330158067
Option 1 ID : 264330619629
Option 2 ID : 264330619628
Option 3 ID : 264330619627
Option 4 ID : 264330619630
Status : Answered
Chosen Option : 1

Q.19 If a current varies periodically from zero to maximum, back to zero and then repeats, the signal is a:

- Ans ☐ 1. direct signal
☒ 2. pulsating signal
☐ 3. constant signal
☐ 4. sinusoidal signal

Question ID : 26433098300
Option 1 ID : 264330385854
Option 2 ID : 264330385856
Option 3 ID : 264330385855
Option 4 ID : 264330385853
Status : Answered
Chosen Option : 2

Q.20 A resistor of resistance $R \Omega$ is connected in series with a coil having an inductance of L henry. If X_L is the value of inductive reactance, what is the value of net impedance of the circuit?

Ans

☒ 1. $\frac{\sqrt{X_L}}{R}$

☒ 2. $\sqrt{R^2 - X_L^2}$

☒ 3. $\frac{\sqrt{R}}{X_L}$

☒ 4. $\sqrt{R^2 + X_L^2}$

Question ID : 26433096121

Option 1 ID : 264330377255

Option 2 ID : 264330377254

Option 3 ID : 264330377256

Option 4 ID : 264330377253

Status : Answered

Chosen Option : 4

Q.21 Power factor of an IM is low at _____.

Ans ☒ 1. full load

☒ 2. quarter load

☒ 3. no load

☒ 4. half load

Question ID : 26433099606

Option 1 ID : 264330391037

Option 2 ID : 264330391040

Option 3 ID : 264330391038

Option 4 ID : 264330391039

Status : Answered

Chosen Option : 3

Q.22 A constant voltage source is applied between the two ends of a wire. If the length of the wire is doubled and the radius remains the same, then the rate of heat developed in the wire _____.

Ans ☒ 1. will be zero

☒ 2. will be 4 times

☒ 3. will remain the same

☒ 4. will be halved

Question ID : 264330160206

Option 1 ID : 264330628165

Option 2 ID : 264330628166

Option 3 ID : 264330628163

Option 4 ID : 264330628164

Status : Answered

Chosen Option : 3

Q.23 If 15A current is flowing through a solenoid of inductance 4H, find the magnetic energy stored in the solenoid.

- Ans ☒ 1. 540 J
☒ 2. 450 J
☒ 3. 100 J
☒ 4. 1000 J

Question ID : 264330160224
Option 1 ID : 264330628236
Option 2 ID : 264330628237
Option 3 ID : 264330628235
Option 4 ID : 264330628238
Status : Answered
Chosen Option : 2

Q.24 The type of armature winding used in large high-voltage alternators is:

- Ans ☒ 1. two layer winding
☒ 2. wave winding
☒ 3. lap winding
☒ 4. concentric winding

Question ID : 26433099514
Option 1 ID : 264330390669
Option 2 ID : 264330390672
Option 3 ID : 264330390671
Option 4 ID : 264330390670
Status : Answered
Chosen Option : 3

Q.25 An electrodynamicmeter is widely used as a _____.

- Ans ☒ 1. low impedance circuit
☒ 2. transfer instrument
☒ 3. calibration instrument
☒ 4. calibration instrument and transfer instrument

Question ID : 264330100758
Option 1 ID : 264330395580
Option 2 ID : 264330395578
Option 3 ID : 264330395577
Option 4 ID : 264330395579
Status : Answered
Chosen Option : 4

Q.26 In Bipolar Junction Transistor, for amplification purposes, emitter-base junction is ____ and collector-base junction is ____ biased.

- Ans
- ☐ 1. reverse; forward
 - ☐ 2. reverse; reverse
 - ☒ 3. forward; reverse
 - ☐ 4. forward; forward

Question ID : 264330159771
Option 1 ID : 264330626433
Option 2 ID : 264330626434
Option 3 ID : 264330626432
Option 4 ID : 264330626431
Status : Answered
Chosen Option : 3

Q.27 In electrical applications, the coil of an infrared lamp is made up of _____.

- Ans
- ☐ 1. iron
 - ☐ 2. nichrome
 - ☒ 3. tungsten
 - ☐ 4. copper

Question ID : 264330157600
Option 1 ID : 264330617759
Option 2 ID : 264330617762
Option 3 ID : 264330617761
Option 4 ID : 264330617760
Status : Answered
Chosen Option : 3

Q.28 Which of the following is NOT an application of shaded-pole induction motor?

- Ans
- ☒ 1. A lift of a building
 - ☐ 2. Table fan
 - ☐ 3. Hair drier
 - ☐ 4. Fans for refrigeration

Question ID : 264330164877
Option 1 ID : 264330646635
Option 2 ID : 264330646636
Option 3 ID : 264330646637
Option 4 ID : 264330646638
Status : Answered
Chosen Option : 1

Q.29 What is the magnetising current of a transformer?

- Ans ☐ 1. The current drawn by the secondary winding when a load is connected.
- ☐ 2. The current flowing through the ferromagnetic core.
- ☒ 3. The current drawn by the primary winding when the secondary is on open circuit.
- ☐ 4. The current flowing through the insulation between the primary and secondary windings.

Question ID : 264330162919

Option 1 ID : 264330638992

Option 2 ID : 264330638993

Option 3 ID : 264330638991

Option 4 ID : 264330638994

Status : Answered

Chosen Option : 3

Q.30 Which of the following types of cooling is more economical for very large transformers of rating 100 MVA?

- Ans ☐ 1. Oil natural air forced
- ☐ 2. Oil forced air forced
- ☒ 3. Oil forced water forced
- ☐ 4. Oil natural air natural

Question ID : 264330163316

Option 1 ID : 264330640564

Option 2 ID : 264330640565

Option 3 ID : 264330640566

Option 4 ID : 264330640563

Status : Answered

Chosen Option : 3

Q.31 Because of their high efficiency and high speed, synchronous motors are well suited for_____.

- Ans ☐ 1. electric tractions
- ☐ 2. mixer grinders
- ☒ 3. blowers
- ☐ 4. ceiling fans

Question ID : 26433099520

Option 1 ID : 264330390695

Option 2 ID : 264330390696

Option 3 ID : 264330390693

Option 4 ID : 264330390694

Status : Answered

Chosen Option : 3

Q.32 A coil having a resistance of $8\ \Omega$ and an inductance of 0.01911 Henry is connected across a 230 V , 50 Hz AC supply. The reactive power is equal to _____.

- Ans
- ☒ 1. 3.703 KVAR
 - ☒ 2. 4.496 KVAR
 - ☒ 3. 4.232 KVAR
 - ☒ 4. 3.174 KVAR

Question ID : 26433098293

Option 1 ID : 264330385827

Option 2 ID : 264330385828

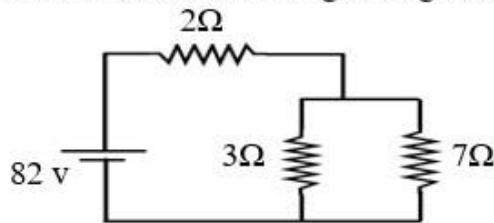
Option 3 ID : 264330385825

Option 4 ID : 264330385826

Status : Not Answered

Chosen Option : --

Q.33 Find the current flowing through the $7\ \Omega$ resistor.



- Ans
- ☒ 1. 1.14 A
 - ☒ 2. 2.20 A
 - ☒ 3. 3.6 A
 - ☒ 4. 4.7 A

Question ID : 26433098180

Option 1 ID : 264330385374

Option 2 ID : 264330385375

Option 3 ID : 264330385373

Option 4 ID : 264330385376

Status : Answered

Chosen Option : 3

Q.34 What is the reason for providing corrugated or radiators on the sides of transformer tanks?

- Ans
- ☒ 1. To provide very small surface area to dissipate heat generated
 - ☒ 2. To provide sufficient cooling area
 - ☒ 3. To increase the dielectric strength of the oil
 - ☒ 4. To reduce the size of the transformer tank

Question ID : 264330162925

Option 1 ID : 264330639017

Option 2 ID : 264330639018

Option 3 ID : 264330639015

Option 4 ID : 264330639016

Status : Answered

Chosen Option : 2

Q.35 Which of the following statements is/are true regarding all day efficiency of a transformer?

- (i) All day efficiency is also called as commercial efficiency.
- (ii) All day efficiency primarily depends on the duration of load and amount of load.
- (iii) All day efficiency is achieved when the iron losses are less.

- Ans
- ☒ 1. Only (i) is true
 - ☒ 2. Only (ii) is true
 - ☒ 3. Both (i) and (iii) are true
 - ☒ 4. Both (ii) and (iii) are true

Question ID : 264330100784

Option 1 ID : 264330395681

Option 2 ID : 264330395682

Option 3 ID : 264330395683

Option 4 ID : 264330395684

Status : Answered

Chosen Option : 3

Q.36 In radial distribution system, separate feeder radiates from single substation and feeds the distributors at ____.

- Ans
- ☒ 1. one end only
 - ☒ 2. two ends
 - ☒ 3. three ends
 - ☒ 4. four ends

Question ID : 264330158092

Option 1 ID : 264330619727

Option 2 ID : 264330619728

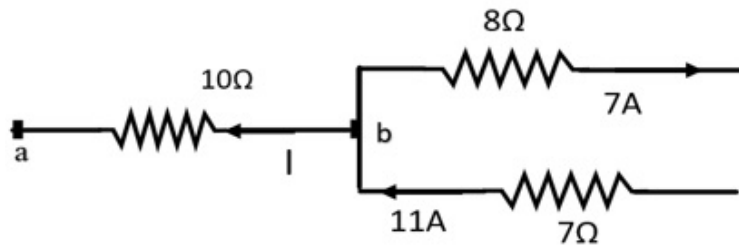
Option 3 ID : 264330619729

Option 4 ID : 264330619730

Status : Answered

Chosen Option : 1

Q.37 The value of voltage V_{ab} in the figure shown below is:



- Ans
- ☒ 1. 0 V
 - ☒ 2. 40 V
 - ☒ 3. -190 V
 - ☒ 4. -40 V

Question ID : 26433096450

Option 1 ID : 264330378540

Option 2 ID : 264330378539

Option 3 ID : 264330378538

Option 4 ID : 264330378537

Status : Answered

Chosen Option : 2

Q.38 Which of the following is NOT a type of Field Effect Transistor?

- Ans
- ☒ 1. Depletion MOSFET
 - ☒ 2. Thyristor
 - ☒ 3. Enhancement MOSFET
 - ☒ 4. JFET

Question ID : 264330159774

Option 1 ID : 264330626444

Option 2 ID : 264330626446

Option 3 ID : 264330626443

Option 4 ID : 264330626445

Status : Answered

Chosen Option : 2

Q.39 What inductance would be needed to store 2kWh of energy in a coil carrying a 100A current?

- Ans
- ☒ 1. 0.4 H
 - ☒ 2. 100 H
 - ☒ 3. 1440 H
 - ☒ 4. 4 H

Question ID : 26433096401

Option 1 ID : 264330378341

Option 2 ID : 264330378344

Option 3 ID : 264330378343

Option 4 ID : 264330378342

Status : Answered

Chosen Option : 1

Q.40 As the leading power factor of the load of an alternator decreases, the magnitude of generated voltage required to give rated terminal voltage -----.

- Ans ☒ 1. increases
- ☐ 2. first increases and then decreases
- ☐ 3. decreases
- ☐ 4. remains unchanged

Question ID : 264330164895

Option 1 ID : 264330646707

Option 2 ID : 264330646710

Option 3 ID : 264330646708

Option 4 ID : 264330646709

Status : Answered

Chosen Option : 4

Q.41 Which of the following expressions clearly indicates determination of the diversity factor in a power system?

- Ans ☐ 1. $\frac{\text{Maximum demand of the whole system}}{\text{Sum of individual maximum demand}}$
- ☐ 2. $\frac{\text{Maximum demand}}{\text{Sum of individual maximum demand}}$
- ☐ 3. $\frac{\text{Average demand}}{\text{Maximum demand of the whole system}}$
- ☒ 4. $\frac{\text{Sum of Individual maximum demand}}{\text{Maximum demand of the whole system}}$

Question ID : 264330158048

Option 1 ID : 264330619553

Option 2 ID : 264330619551

Option 3 ID : 264330619552

Option 4 ID : 264330619554

Status : Answered

Chosen Option : 4

Q.42 In the application of electrical circuits, the nichrome that is used to make the heating element in an electric cooker has -----.

- Ans ☐ 1. 40% nickel and 60% chromium
- ☐ 2. 50% nickel and 50% chromium
- ☐ 3. 20% nickel and 80% chromium
- ☒ 4. 80% nickel and 20% chromium

Question ID : 264330157597

Option 1 ID : 264330617750

Option 2 ID : 264330617748

Option 3 ID : 264330617747

Option 4 ID : 264330617749

Status : Not Answered

Chosen Option : --

Q.43 Which of the following CANNOT be caused due to excessive voltage drop in an electric distribution system?

- Ans
- ☐ 1. Electric lights to flicker
 - ☐ 2. Electric lights to burn dimly
 - ☐ 3. Electric heaters to heat poorly
 - ☒ 4. Electric motors to run colder than normal

Question ID : 264330158086

Option 1 ID : 264330619704

Option 2 ID : 264330619705

Option 3 ID : 264330619703

Option 4 ID : 264330619706

Status : Answered

Chosen Option : 3

Q.44 Find the ripple frequency of half wave rectifier if the input operating frequency is 50 Hz.

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

Question ID : 26433098261

Option 1 ID : 264330385700

Option 2 ID : 264330385699

Option 3 ID : 264330385698

Option 4 ID : 264330385697

Status : Answered

Chosen Option : 4

Q.45 An AC circuit contains a resistance and inductance connected in series. The active power consumed by the circuit is equal to 4800 W and reactive power is 6400 VAR. Calculate the apparent power.

- Ans
- ☐ 1. 1058.3 VA
 - ☐ 2. 11200 VA
 - ☒ 3. 8000 VA
 - ☐ 4. 4233 VA

Question ID : 26433098290

Option 1 ID : 264330385816

Option 2 ID : 264330385813

Option 3 ID : 264330385814

Option 4 ID : 264330385815

Status : Not Answered

Chosen Option : --

Q.46 What is core-stepping in core-type transformers?

- Ans ☒ 1. A method to increase the R loss
- ☒ 2. A method to reduce the length of the mean turn
- ☒ 3. A method to reduce the space factor
- ☒ 4. A method to increase the length of the mean turn

Question ID : 264330162927

Option 1 ID : 264330639025

Option 2 ID : 264330639024

Option 3 ID : 264330639026

Option 4 ID : 264330639023

Status : Answered

Chosen Option : 3

Q.47 A repulsion start induction run single phase motor runs as an IM only when _____.

- Ans ☒ 1. brushes are shifted to neutral phase
- ☒ 2. the commutator segments are short circuited
- ☒ 3. short circuit is disconnected
- ☒ 4. stator winding is reversed

Question ID : 26433099621

Option 1 ID : 264330391097

Option 2 ID : 264330391099

Option 3 ID : 264330391098

Option 4 ID : 264330391100

Status : Answered

Chosen Option : 1

Q.48 A wind turbine with a rotor diameter of 60 m is installed in an area with an average wind speed of 4 m/s. Find the wind power density in watts per square metre, assuming that the air density in the area is 1.5 kg/m^3 .

- Ans ☒ 1. 271.3 KW/m²
- ☒ 2. 542.6 KW/m²
- ☒ 3. 736.45 KW/m²
- ☒ 4. 135.67 KW/m²

Question ID : 264330162694

Option 1 ID : 264330638096

Option 2 ID : 264330638095

Option 3 ID : 264330638098

Option 4 ID : 264330638097

Status : Not Answered

Chosen Option : --

Q.49 In the split-phase induction motor, maximum torque is about _____ the full load torque at about 75% of the synchronous speed.

- Ans
- ☒ 1. 25 times
 - ☒ 2. 2.5 times
 - ☐ 3. 250 times
 - ☐ 4. 0.25 times

Question ID : 264330164889
Option 1 ID : 264330646685
Option 2 ID : 264330646684
Option 3 ID : 264330646686
Option 4 ID : 264330646683
Status : Answered
Chosen Option : 2

Q.50 What will be the direction of deflecting torque in a moving iron instrument if the direction of current in the coil is reversed at the same magnitude?

- Ans
- ☒ 1. Same direction
 - ☐ 2. Reduced to zero
 - ☐ 3. Reduced by half
 - ☐ 4. Reverse direction

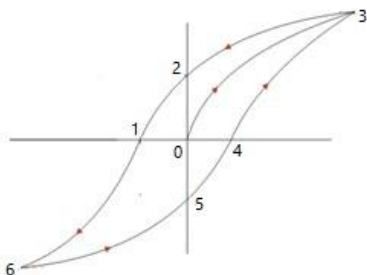
Question ID : 264330157592
Option 1 ID : 264330617728
Option 2 ID : 264330617729
Option 3 ID : 264330617730
Option 4 ID : 264330617727
Status : Answered
Chosen Option : 4

Q.51 Which of the following is the outermost layer of an underground cable?

- Ans
- ☒ 1. Serving
 - ☐ 2. Sheath
 - ☐ 3. Armour
 - ☐ 4. Insulation

Question ID : 264330158125
Option 1 ID : 264330619861
Option 2 ID : 264330619860
Option 3 ID : 264330619862
Option 4 ID : 264330619859
Status : Answered
Chosen Option : 4

Q.52 Which of the following portions represents retentivity in the BH curve shown below?



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

Question ID : 26433098181

Option 1 ID : 264330385379

Option 2 ID : 264330385377

Option 3 ID : 264330385380

Option 4 ID : 264330385378

Status : Answered

Chosen Option : 4

Q.53 Current (I) expression of a diode is given by: (where symbols have usual meaning)

Ans

- ☒ 1. $I = I_0(e^{\frac{v}{kT}})$
- ☒ 2. $I = I_0(e^{\frac{qv}{\eta T}} - 1)$
- ☒ 3. $I = I_0(e^{\frac{qv}{\eta kT}} - 2)$
- ☒ 4. $I = I_0(e^{\frac{qv}{\eta kT}} - 1)$

Question ID : 264330159788

Option 1 ID : 264330626501

Option 2 ID : 264330626502

Option 3 ID : 264330626500

Option 4 ID : 264330626499

Status : Answered

Chosen Option : 4

Q.54 A coil consists of 1000 turns having a cross-sectional area of 0.4 mm^2 . The mean length per turn is 40 cm and the resistivity of the wire is $0.02 \mu\Omega\text{-m}$. The resistance of the coil is _____.

- Ans
- ☒ 1. 200Ω
 - ☒ 2. 20Ω
 - ☒ 3. $20\mu\Omega$
 - ☒ 4. 40Ω

Question ID : 26433096407
Option 1 ID : 264330378366
Option 2 ID : 264330378367
Option 3 ID : 264330378365
Option 4 ID : 264330378368

Status : Answered

Chosen Option : 3

Q.55 What is the apparent power of a 3-phase, star-connected system with a line voltage of 200 V and a line current of 20 A? The phase difference between the voltage and the current is 36.87° .

- Ans
- ☒ 1. 7.928 kVA
 - ☒ 2. 5.928 kVA
 - ☒ 3. 6.928 kVA
 - ☒ 4. 8.928 kVA

Question ID : 264330159517
Option 1 ID : 264330625428
Option 2 ID : 264330625430
Option 3 ID : 264330625427
Option 4 ID : 264330625429

Status : Answered

Chosen Option : 3

Q.56 Which of the following lamps is used for the determination of polarity of DC mains?

- Ans
- ☒ 1. Carbon arc lamp
 - ☒ 2. Sodium vapour lamp
 - ☒ 3. Mercury vapour lamp
 - ☒ 4. Neon discharge lamp

Question ID : 26433098219
Option 1 ID : 264330385531
Option 2 ID : 264330385530
Option 3 ID : 264330385532
Option 4 ID : 264330385529

Status : Answered

Chosen Option : 4

Q.57 In a PMMC instrument, if the controlling torque is too high, what effect will it have on the accuracy of the instrument?

- Ans ☒ 1. The accuracy of the instrument will increase.
- ☒ 2. The accuracy of the instrument will decrease.
- ☒ 3. The accuracy of the instrument will remain unaffected.
- ☒ 4. The instrument will stop working.

Question ID : 264330160647

Option 1 ID : 264330629919

Option 2 ID : 264330629920

Option 3 ID : 264330629921

Option 4 ID : 264330629922

Status : Answered

Chosen Option : 4

Q.58 Which of the following points clearly describe the need for a back-to-back converter connected to the rotor of a doubly fed induction generator [DFIG] used in wind power plants?

- (i) It feeds the rotor with currents of fixed frequency and thus, helps in achieving a fixed range of speed.
- (ii) It feeds the rotor with currents of varying frequency and thus, helps in achieving various ranges of speed.
- (iii) It helps in power factor correction by adjusting the active power output of the DFIG.
- (iv) It helps in power factor correction by adjusting the reactive power output of the DFIG.

- Ans ☒ 1. (i) and (iii)
- ☒ 2. (ii) and (iv)
- ☒ 3. (ii) and (iii)
- ☒ 4. (i) and (iv)

Question ID : 264330158081

Option 1 ID : 264330619683

Option 2 ID : 264330619685

Option 3 ID : 264330619686

Option 4 ID : 264330619684

Status : Not Answered

Chosen Option : --

Q.59 Which of the following motors is used for shears and presses?

- Ans ☒ 1. DC shunt motor
- ☒ 2. Stepper motor
- ☒ 3. DC series motor
- ☒ 4. DC compound motor

Question ID : 26433098228

Option 1 ID : 264330385565

Option 2 ID : 264330385568

Option 3 ID : 264330385567

Option 4 ID : 264330385566

Status : Answered

Chosen Option : 1

Q.60

What is the maximum electric field when $V_{bi}=3V$, $V_R=4V$, and the width of the semiconductor is 7 cm?

- Ans
- ☐ 1. 300 V/m
 - ☒ 2. -200 V/m
 - ☐ 3. 200 V/m
 - ☐ 4. -400 V/m

Question ID : 264330159785

Option 1 ID : 264330626488

Option 2 ID : 264330626489

Option 3 ID : 264330626487

Option 4 ID : 264330626490

Status : Not Answered

Chosen Option : --

Q.61 Which of the following options shows the correct proportion of helium and neon gases in the mixture for helium neon laser?

- Ans
- ☐ 1. 80% of helium and 20% of neon
 - ☐ 2. 10% of helium and 90% of neon
 - ☒ 3. 90% of helium and 10% of neon
 - ☐ 4. 20% of helium and 20% of neon

Question ID : 26433098200

Option 1 ID : 264330385455

Option 2 ID : 264330385453

Option 3 ID : 264330385454

Option 4 ID : 264330385456

Status : Answered

Chosen Option : 1

Q.62 The shaded-pole induction motors have _____ compared with other motor types and may not be suitable for applications with _____ or where precise speed control is necessary.

- Ans
- ☐ 1. high efficiency; heavy loads
 - ☐ 2. high efficiency; light loads
 - ☒ 3. lower efficiency; heavy loads
 - ☐ 4. lower efficiency; light loads

Question ID : 264330164880

Option 1 ID : 264330646648

Option 2 ID : 264330646650

Option 3 ID : 264330646647

Option 4 ID : 264330646649

Status : Answered

Chosen Option : 4

Q.63 Select the correct statement(s) with respect to the Francis turbine.

- A) It is used in medium heads and for moderate discharges.
- B) It is an axial-in radial-out type of turbine.
- C) It is an example of a mixed-flow turbine.

Ans ☒ 1. A and B
☒ 2. B and C
☒ 3. A and C
☒ 4. Only A

Question ID : 264330158071

Option 1 ID : 264330619645

Option 2 ID : 264330619646

Option 3 ID : 264330619643

Option 4 ID : 264330619644

Status : Answered

Chosen Option : 1

Q.64 In a metal filament bulb, the filament used as a heating coil is tungsten due to its _____.

Ans ☒ 1. high melting point and low resistivity
☒ 2. low melting point and low resistivity
☒ 3. low melting point and high resistivity
☒ 4. high melting point and high resistivity

Question ID : 264330157602

Option 1 ID : 264330617769

Option 2 ID : 264330617767

Option 3 ID : 264330617768

Option 4 ID : 264330617770

Status : Answered

Chosen Option : 4

Q.65 The standard voltage between any two phases in three-phase four-wire secondary distribution system have _____.

Ans ☒ 1. 11 kV
☒ 2. 400 V
☒ 3. 33 kV
☒ 4. 230 V

Question ID : 264330158109

Option 1 ID : 264330619797

Option 2 ID : 264330619796

Option 3 ID : 264330619798

Option 4 ID : 264330619795

Status : Answered

Chosen Option : 4

Q.66 In a phasing out test, a voltmeter connected to the winding shows deflection when the supply is given; this indicates that this is _____.

- Ans
- ☐ 1. tertiary winding only
 - ☐ 2. both primary and secondary winding
 - ☒ 3. secondary winding only
 - ☐ 4. primary winding only

Question ID : 26433096699
Option 1 ID : 264330379535
Option 2 ID : 264330379536
Option 3 ID : 264330379534
Option 4 ID : 264330379533
Status : Answered
Chosen Option : 1

Q.67 The most important consideration when making a detailed estimate is:

- Ans
- ☒ 1. quantity, transportation and availability of materials
 - ☐ 2. Only transportation of materials
 - ☐ 3. Only quantity of the materials
 - ☐ 4. Only availability of materials

Question ID : 264330158179
Option 1 ID : 264330620078
Option 2 ID : 264330620076
Option 3 ID : 264330620075
Option 4 ID : 264330620077
Status : Answered
Chosen Option : 1

Q.68 What is the purpose of laminating the core of a transformer?

- Ans
- ☐ 1. To increase the eddy current loss
 - ☐ 2. To make the core heavier
 - ☒ 3. To minimise the eddy current loss
 - ☐ 4. To induce eddy current loss

Question ID : 264330162922
Option 1 ID : 264330639004
Option 2 ID : 264330639006
Option 3 ID : 264330639005
Option 4 ID : 264330639003
Status : Answered
Chosen Option : 3

Q.69 In case of electromagnetic induction, two coils are arranged in such a way that a change in one coil causes an EMF to be induced in the other coil. This is called _____.

- Ans ☒ 1. mutual inductance
☒ 2. self-inductance
☒ 3. series inductance
☒ 4. parallel inductance

Question ID : 264330157624
Option 1 ID : 264330617856
Option 2 ID : 264330617855
Option 3 ID : 264330617857
Option 4 ID : 264330617858
Status : Answered
Chosen Option : 1

Q.70 The permanent magnet synchronous motor has a configuration almost identical to the conventional synchronous machine with the absence of _____.

- Ans ☒ 1. field winding and slip ring
☒ 2. stationary magnetic field
☒ 3. field winding and rotating magnetic field
☒ 4. air gap between stator and rotor

Question ID : 264330164862
Option 1 ID : 264330646575
Option 2 ID : 264330646577
Option 3 ID : 264330646576
Option 4 ID : 264330646578
Status : Answered
Chosen Option : 1

Q.71 What is the purpose of interleaving the windings in a transformer?

- Ans ☒ 1. To increase the leakage flux
☒ 2. To reduce the efficiency of the transformer
☒ 3. To reduce the leakage flux
☒ 4. To increase the inductance of the transformer

Question ID : 264330162923
Option 1 ID : 264330639008
Option 2 ID : 264330639007
Option 3 ID : 264330639010
Option 4 ID : 264330639009
Status : Answered
Chosen Option : 3

Q.72 Three identical coils connected in delta to a 415 V, 3-phase supply take a total power of 50 kW and line currents of 70 A. Determine the total kVA taken by the coils.

- Ans
- ☐ 1. 23.24 kVA
 - ☐ 2. 9.68 kVA
 - ☐ 3. 16.77 kVA
 - ☒ 4. 50.32 kVA

Question ID : 26433096124

Option 1 ID : 264330377268

Option 2 ID : 264330377267

Option 3 ID : 264330377265

Option 4 ID : 264330377266

Status : Not Answered

Chosen Option : --

Q.73 A 3-phase star-connected alternator is rated at 1.3 MVA, 11 KV. The armature effective resistance and synchronous reactance are 1.3Ω and 20Ω , respectively. Calculate voltage drop due to synchronous reactance.

- Ans
- ☐ 1. 2363 V
 - ☒ 2. 1364.6 V
 - ☐ 3. 842.24 V
 - ☐ 4. 930.77 V

Question ID : 26433099509

Option 1 ID : 264330390649

Option 2 ID : 264330390651

Option 3 ID : 264330390652

Option 4 ID : 264330390650

Status : Answered

Chosen Option : 1

Q.74 The ratio of the area under the load curve to the total area under the rectangle in which it is contained gives the value of _____.

- Ans
- ☐ 1. average demand
 - ☐ 2. diversity factor
 - ☒ 3. load factor
 - ☐ 4. utilisation factor

Question ID : 264330158060

Option 1 ID : 264330619601

Option 2 ID : 264330619599

Option 3 ID : 264330619600

Option 4 ID : 264330619602

Status : Answered

Chosen Option : 1

Q.75 Which of the following is NOT the requirement of a DC servomotor?

- Ans
- ☒ 1. High accuracy
 - ☒ 2. Linear torque-speed characteristics
 - ☒ 3. Less torque to weight ratio
 - ☒ 4. Better precision

Question ID : 264330164865

Option 1 ID : 264330646588

Option 2 ID : 264330646587

Option 3 ID : 264330646590

Option 4 ID : 264330646589

Status : Answered

Chosen Option : 2

Q.76 A non-inductive resistor of $50\ \Omega$ is connected in series with a coil of inductance 0.25 Henry and of negligible resistance across a 250 V , 50 Hz supply. The net impedance of the circuit is given by $93.07\ \Omega$. Find the value of reactive power.

- Ans
- ☒ 1. 1022.14 VAR
 - ☒ 2. 727.5 VAR
 - ☒ 3. 1091.25 VAR
 - ☒ 4. 567.59 VAR

Question ID : 26433098294

Option 1 ID : 264330385829

Option 2 ID : 264330385830

Option 3 ID : 264330385832

Option 4 ID : 264330385831

Status : Not Answered

Chosen Option : --

Q.77 Which of the following motors DO/DOES NOT use three-point starters?

- Ans
- ☒ 1. DC compound motor
 - ☒ 2. DC shunt motor
 - ☒ 3. Both DC shunt and compound motors
 - ☒ 4. DC series motor

Question ID : 26433098226

Option 1 ID : 264330385558

Option 2 ID : 264330385557

Option 3 ID : 264330385560

Option 4 ID : 264330385559

Status : Answered

Chosen Option : 4

Q.78 A voltage source having some internal resistance delivers a 2A current when a 5Ω load is connected to it. When the load is 10Ω , then the current becomes 1.6A. Calculate the power transfer efficiency of the source for a 15Ω load.

- Ans
- ☒ 1. 10%
 - ☒ 2. 100%
 - ☒ 3. 50%
 - ☒ 4. 90%

Question ID : 264330160216

Option 1 ID : 264330628206

Option 2 ID : 264330628205

Option 3 ID : 264330628203

Option 4 ID : 264330628204

Status : Answered

Chosen Option : 3

Q.79 In electromagnetism, the pattern of the magnetic field in a solenoid is _____.

- Ans
- ☒ 1. circular
 - ☒ 2. of parallel straight lines
 - ☒ 3. of perpendicular lines
 - ☒ 4. of curved lines

Question ID : 264330157653

Option 1 ID : 264330617973

Option 2 ID : 264330617972

Option 3 ID : 264330617971

Option 4 ID : 264330617974

Status : Answered

Chosen Option : 4

Q.80 In an AC circuit, the peak voltage is 388 V. Its effective voltage is:

- Ans
- ☒ 1. 230 V
 - ☒ 2. 275 V
 - ☒ 3. 300 V
 - ☒ 4. 200 V

Question ID : 264330159430

Option 1 ID : 264330625080

Option 2 ID : 264330625079

Option 3 ID : 264330625081

Option 4 ID : 264330625082

Status : Answered

Chosen Option : 2

Q.81 The total inductance of two coupled coils in the 'series aiding' and 'series opposing' connections are 4 H and 2 H, respectively. The value of mutual inductance will be _____.

- Ans
- ☒ 1. 0.75 H
 - ☒ 2. 0.5 H
 - ☒ 3. 0.33 H
 - ☒ 4. 0.2 H

Question ID : 26433096868

Option 1 ID : 264330380212

Option 2 ID : 264330380211

Option 3 ID : 264330380210

Option 4 ID : 264330380209

Status : Answered

Chosen Option : 2

Q.82 The value of a series resistor is required to limit the current through an LED to 36mA with a forward voltage drop of 3V, when connected to a 12V supply.

- Ans
- ☒ 1. 250 Ω
 - ☒ 2. 250 m Ω
 - ☒ 3. 25 Ω
 - ☒ 4. 4000 Ω

Question ID : 26433096571

Option 1 ID : 264330379024

Option 2 ID : 264330379022

Option 3 ID : 264330379021

Option 4 ID : 264330379023

Status : Answered

Chosen Option : 1

Q.83 The capacitance of a parallel plate capacitor having two plates of area $A = 200 \text{ cm}^2$ and separated by distance $d = 10 \text{ cm}$ is given by _____ if the permittivity of medium is $8.854 \times 10^{-12} \text{ F/m}$

- Ans
- ☒ 1. 17.7 μF
 - ☒ 2. 17.7 PF
 - ☒ 3. 17.7 F
 - ☒ 4. $17.7 \times 10^{-7} \mu\text{F}$

Question ID : 26433098269

Option 1 ID : 264330385729

Option 2 ID : 264330385730

Option 3 ID : 264330385732

Option 4 ID : 264330385731

Status : Not Answered

Chosen Option : --

Q.84 Which of the following statements is true regarding the voltage drop due to armature reaction for leading power factors in an alternator?

- Ans
- ☐ 1. The voltage drop increases with an increase in power factor.
 - ☐ 2. The voltage drop is not affected by the power factor.
 - ☐ 3. The voltage drop remains constant irrespective of the power factor.
 - ☒ 4. The voltage drop decreases with an increase in power factor.

Question ID : 264330164896

Option 1 ID : 264330646711

Option 2 ID : 264330646714

Option 3 ID : 264330646713

Option 4 ID : 264330646712

Status : Answered

Chosen Option : 4

Q.85 What is the charging current per phase of a three-core underground cable connected to 22 kV, 50 Hz three phase supply? Given that the capacitance of each phase to neutral is 18 μ F. (Given the connection is star connected.)

- Ans
- ☐ 1. 84.45 A
 - ☒ 2. 71.82 A
 - ☐ 3. 82.13 A
 - ☐ 4. 50 A

Question ID : 264330159737

Option 1 ID : 264330626306

Option 2 ID : 264330626304

Option 3 ID : 264330626305

Option 4 ID : 264330626303

Status : Not Answered

Chosen Option : --

Q.86 _____, निविदा के अतिरिक्त लगाया गया (put down) धन है।

- Ans
- ☒ 1. अग्रिम धन (Earnest money)
 - ☐ 2. दोहन धन (Exploit money)
 - ☐ 3. जमा धन (Deposit money)
 - ☐ 4. असल धन (True money)

Question ID : 264330158158

Option 1 ID : 264330619991

Option 2 ID : 264330619994

Option 3 ID : 264330619992

Option 4 ID : 264330619993

Status : Answered

Chosen Option : 3

Q.87 Which of the following lamps are used in searchlights?

- Ans ☒ 1. Arc lamps
☒ 2. Neon lamps
☒ 3. Sodium vapour lamp
☒ 4. Fluorescent lamps

Question ID : 264330100096
Option 1 ID : 264330392958
Option 2 ID : 264330392959
Option 3 ID : 264330392957
Option 4 ID : 264330392960
Status : Answered
Chosen Option : 1

Q.88 Which sort of contract requires contractors to provide individual price quotes for all work to be performed?

- Ans ☒ 1. Lump sum contract
☒ 2. Percentage rate contract
☒ 3. Schedule rate contract
☒ 4. Item rate contract

Question ID : 264330158162
Option 1 ID : 264330620007
Option 2 ID : 264330620008
Option 3 ID : 264330620010
Option 4 ID : 264330620009
Status : Not Answered
Chosen Option : --

Q.89 In applications such as drink and food mixers and sewing machines _____ is used.

- Ans ☒ 1. split-phase IM motor
☒ 2. AC series motor
☒ 3. universal motor
☒ 4. repulsion motor

Question ID : 26433098257
Option 1 ID : 264330385684
Option 2 ID : 264330385683
Option 3 ID : 264330385682
Option 4 ID : 264330385681
Status : Answered
Chosen Option : 3

Q.90 The main reason to amplify the input signals by using vertical amplifier is:

- Ans ☒ 1. they provide low stability
☒ 2. they are not strong to provide deflection that can be measured
☒ 3. they provide attenuation
☒ 4. the input impedance is low

Question ID : 264330100764

Option 1 ID : 264330395603

Option 2 ID : 264330395601

Option 3 ID : 264330395602

Option 4 ID : 264330395604

Status : Answered

Chosen Option : 4

Q.91 Which of the following measurement instruments consumes the least amount of energy?

- Ans ☒ 1. Induction type
☒ 2. Moving iron type
☒ 3. Dynamometer type
☒ 4. PMMC type

Question ID : 26433098265

Option 1 ID : 264330385713

Option 2 ID : 264330385714

Option 3 ID : 264330385715

Option 4 ID : 264330385716

Status : Answered

Chosen Option : 4

Q.92 A overhead transmission line is supported by supports at equal levels. If the length of the conductor span is increased by two times, the sag will _____. (Given, weight per unit length and tension in the conductor are constant.)

- Ans ☒ 1. increase by two times
☒ 2. decrease by four times
☒ 3. decrease by two times
☒ 4. increase by four times

Question ID : 264330158115

Option 1 ID : 264330619819

Option 2 ID : 264330619822

Option 3 ID : 264330619821

Option 4 ID : 264330619820

Status : Answered

Chosen Option : 4

Q.93 An electric kettle consumes 10kw of electric power when operated at 200 V. A fuse wire of what rating must be used for it?

- Ans ☒ 1. 10A
☒ 2. 30A
☒ 3. 50A
☒ 4. 40A

Question ID : 264330160205
Option 1 ID : 264330628159
Option 2 ID : 264330628160
Option 3 ID : 264330628162
Option 4 ID : 264330628161
Status : Answered
Chosen Option : 3

Q.94 What kind of metal does continuous bus bar wire typically consist of?

- Ans ☒ 1. Plastic
☒ 2. Neither copper nor aluminium
☒ 3. Iron
☒ 4. Copper or aluminium

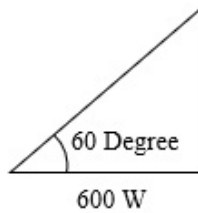
Question ID : 264330158183
Option 1 ID : 264330620093
Option 2 ID : 264330620094
Option 3 ID : 264330620092
Option 4 ID : 264330620091
Status : Answered
Chosen Option : 4

Q.95 Which of the following information is NOT present on the nameplate of a transformer?

- Ans ☒ 1. Insulation class
☒ 2. kVA or MVA rating
☒ 3. Rated frequency
☒ 4. Frame size

Question ID : 264330163315
Option 1 ID : 264330640561
Option 2 ID : 264330640562
Option 3 ID : 264330640559
Option 4 ID : 264330640560
Status : Answered
Chosen Option : 1

Q.96 What will be the reactive power in the given power triangle?



- Ans
- ☒ 1. 1039 VAR Leading
 - ☒ 2. 1200 VAR Leading
 - ☒ 3. 1200 VAR Lagging
 - ☒ 4. 1039 VAR Lagging

Question ID : 26433098291
 Option 1 ID : 264330385817
 Option 2 ID : 264330385819
 Option 3 ID : 264330385820
 Option 4 ID : 264330385818
 Status : Not Answered
 Chosen Option : --

Q.97 In case of electrical energy, the joule is also expressed as the _____.

- Ans
- ☒ 1. watt-second
 - ☒ 2. meter-second
 - ☒ 3. joule-second
 - ☒ 4. newton-second

Question ID : 264330157611
 Option 1 ID : 264330617804
 Option 2 ID : 264330617806
 Option 3 ID : 264330617805
 Option 4 ID : 264330617803
 Status : Not Answered
 Chosen Option : --

Q.98 A 230 V, 3-phase voltage is applied to a balance delta connected 3-phase load of phase impedance $(15 + j 20) \Omega$. What is the power consumed per phase?

- Ans
- ☒ 1. 1161.6 W
 - ☒ 2. 2198.3 W
 - ☒ 3. 1269.6 W
 - ☒ 4. 3807.6 W

Question ID : 26433098298
 Option 1 ID : 264330385848
 Option 2 ID : 264330385847
 Option 3 ID : 264330385846
 Option 4 ID : 264330385845
 Status : Not Answered
 Chosen Option : --

Q.99 A $64k\Omega$ resistor has a specified maximum power dissipation of 1000 watts. The maximum current that may be passed through the resistor is _____.

- Ans
- ☐ 1. 8A
 - ☐ 2. 32A
 - ☐ 3. 64 A
 - ☒ 4. $\frac{1}{8}$ A

Question ID : 26433096412

Option 1 ID : 264330378385

Option 2 ID : 264330378387

Option 3 ID : 264330378388

Option 4 ID : 264330378386

Status : Not Answered

Chosen Option : --

Q.100 The shaded-pole induction motors are of _____.

- Ans
- ☐ 1. zero cost
 - ☒ 2. low cost
 - ☐ 3. high cost
 - ☐ 4. very high cost

Question ID : 264330164879

Option 1 ID : 264330646646

Option 2 ID : 264330646643

Option 3 ID : 264330646644

Option 4 ID : 264330646645

Status : Not Answered

Chosen Option : --