



UTTAR PRADESH POWER CORPORATION LTD.

Participant ID	WWW.ALLEXAMREVIEW.COM
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Test Center Name	
Test Date	10/11/2023
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Subject	Technician Electrical

Section : Computer Knowledge - CCC Level of NIELIT

Q.1 In MS-Excel 365, which of the following is the keyboard shortcut used to delete a row?

- Ans**
- A. Alt + Minus sign
 - B. Shift + Minus sign
 - C. Tab + Minus sign
 - D. Ctrl + Minus sign

Question ID : **630680423307**

Option 1 ID : **6306801651587**

Option 2 ID : **6306801651590**

Option 3 ID : **6306801651589**

Option 4 ID : **6306801651588**

Status : **Not Answered**

Chosen Option : --

Q.2 What is the binary equivalent of decimal number 23?

- Ans**
- A. 10010
 - B. 11001
 - C. 10001
 - D. 10111

Question ID : **630680423286**

Option 1 ID : **6306801651506**

Option 2 ID : **6306801651503**

Option 3 ID : **6306801651504**

Option 4 ID : **6306801651505**

Status : **Answered**

Chosen Option : **D**

Q.3 Which of the following options is used to specify number of prints required in 'Print' option in MS-Word 2010?

- Ans
- A. Collated
 - B. Copies
 - C. Orientation
 - D. Page Size

Question ID : 630680423297
Option 1 ID : 6306801651548
Option 2 ID : 6306801651549
Option 3 ID : 6306801651547
Option 4 ID : 6306801651550
Status : Answered
Chosen Option : B

Q.4 The network that eventually became the internet was first called:

- Ans
- A. WAN
 - B. MAN
 - C. LAN
 - D. ARPANET

Question ID : 630680423312
Option 1 ID : 6306801651607
Option 2 ID : 6306801651608
Option 3 ID : 6306801651610
Option 4 ID : 6306801651609
Status : Answered
Chosen Option : D

Q.5 Which of the following is NOT the type of e-Governance?

- Ans
- A. Government-to-Government (G2G)
 - B. Government-to-Citizen (G2C)
 - C. Government-to-Business (G2B)
 - D. Employee-to-Government (E2G)

Question ID : 630680423288
Option 1 ID : 6306801651513
Option 2 ID : 6306801651511
Option 3 ID : 6306801651512
Option 4 ID : 6306801651514
Status : Answered
Chosen Option : D

Q.6 Which of the following MS-Excel function converts a binary number into a hexadecimal number?

- Ans
- A. HEX2BIN()
 - B. BIN2HEX()
 - C. 2HEX()
 - D. 2BIN()

Question ID : 630680423309

Option 1 ID : 6306801651596

Option 2 ID : 6306801651597

Option 3 ID : 6306801651595

Option 4 ID : 6306801651598

Status : Marked For Review

Chosen Option : B

Q.7 EDVAC stands for:

- Ans
- A. Electronic Discrete Variable Automatic Compiler
 - B. Electronic Discrete Variable Analog Computing
 - C. Electronic Discrete Variable Automatic Computer
 - D. Electronic Digital Variable Automatic Computer

Question ID : 630680423281

Option 1 ID : 6306801651484

Option 2 ID : 6306801651486

Option 3 ID : 6306801651485

Option 4 ID : 6306801651483

Status : Answered

Chosen Option : C

Q.8 Which of the following is an example of an output device?

- Ans
- A. Mouse
 - B. Projector
 - C. Barcode Reader
 - D. Scanner

Question ID : 630680423282

Option 1 ID : 6306801651490

Option 2 ID : 6306801651489

Option 3 ID : 6306801651487

Option 4 ID : 6306801651488

Status : Answered

Chosen Option : B

Q.9 The ASCII Codes for A, K, P, Y are _____, respectively.

- Ans
- A. 65, 75, 80, 84
 - B. 65, 75, 80, 89
 - C. 65, 85, 80, 89
 - D. 65, 76, 88, 89

Question ID : 630680423287
Option 1 ID : 6306801651510
Option 2 ID : 6306801651508
Option 3 ID : 6306801651509
Option 4 ID : 6306801651507
Status : Answered
Chosen Option : A

Q.10 In MS-Word, which of the following is the keyboard shortcut used to add a new row at the end of the table?

- Ans
- A. Tab
 - B. Alt + page down
 - C. Alt + End
 - D. Alt + page up

Question ID : 630680423302
Option 1 ID : 6306801651570
Option 2 ID : 6306801651569
Option 3 ID : 6306801651568
Option 4 ID : 6306801651567
Status : Not Answered
Chosen Option : --

Q.11 Which of the following is a DISADVANTAGE of Artificial Intelligence?

- Ans
- A. It never sleeps, so it is available 24×7.
 - B. It reduces human error.
 - C. It is fast.
 - D. It cannot duplicate human creativity.

Question ID : 630680423329
Option 1 ID : 6306801651676
Option 2 ID : 6306801651675
Option 3 ID : 6306801651677
Option 4 ID : 6306801651678
Status : Answered
Chosen Option : D

Q.12 Which of the following is the MS-PowerPoint 365 keyboard shortcut used for creating a new presentation?

- Ans**
- A. Ctrl + M
 - B. Alt + S
 - C. Ctrl + N
 - D. Ctrl + S

Question ID : **630680423318**
Option 1 ID : **6306801651631**
Option 2 ID : **6306801651634**
Option 3 ID : **6306801651632**
Option 4 ID : **6306801651633**
Status : **Answered**
Chosen Option : **C**

Q.13 What will be the output when 'Sentence case' is applied to the phrase 'INSTITUTE OF ENGINEERS(India)' in MS-Word?

- Ans**
- A. Institute Of Engineers(India)
 - B. INSTITUTE OF eNGINEERS(India)
 - C. iNSTITUTE OF eNGINEERS(India)
 - D. INSTITUTE OF ENGINEERS(INDIA)

Question ID : **630680423301**
Option 1 ID : **6306801651564**
Option 2 ID : **6306801651565**
Option 3 ID : **6306801651563**
Option 4 ID : **6306801651566**
Status : **Marked For Review**
Chosen Option : **A**

Q.14 Which of the following statements is FALSE about hardware?

- Ans**
- A.
Hardware consists of input devices, output devices, memory, etc.
 - B.
Hardware design is based on architectural decisions to make it work over a range of environmental conditions and time.
 - C. Hardware works only on binary codes 1's and 0's.
 - D.
Hardware will vary as per the computer and its built-in functions and programming language.

Question ID : **630680423285**
Option 1 ID : **6306801651499**
Option 2 ID : **6306801651501**
Option 3 ID : **6306801651500**
Option 4 ID : **6306801651502**
Status : **Answered**
Chosen Option : **C**

Q.15 Match the elements of 'File Type' with their corresponding 'Extension'.

File Type	Extension
a) Compressed file	i) .DOCX
b) Executable program file	ii) .BMP
c) Bit Map file	iii) .ZIP
d) Microsoft Word document file	iv) .EXE

- Ans
- A. a) – i), b) – iii), c) – iv), d) – ii)
 - B. a) – ii), b) – iv), c) – iii), d) – i)
 - C. a) – iii), b) – iv), c) – ii), d) – i)
 - D. a) – ii), b) – iii), c) – iv), d) – i)

Question ID : 630680423295
 Option 1 ID : 6306801651540
 Option 2 ID : 6306801651542
 Option 3 ID : 6306801651541
 Option 4 ID : 6306801651539
 Status : Answered
 Chosen Option : C

Q.16 What does the given button signify in MS-Word2010?



- Ans
- A. Align Right
 - B. Align Left
 - C. Center
 - D. Justify

Question ID : 630680423299
 Option 1 ID : 6306801651555
 Option 2 ID : 6306801651558
 Option 3 ID : 6306801651556
 Option 4 ID : 6306801651557
 Status : Answered
 Chosen Option : B

Q.17 The 'Slide Show' command may be executed by pressing the:

- Ans
- A. F2 key
 - B. F5 key
 - C. F4 key
 - D. F3 key

Question ID : 630680423321
 Option 1 ID : 6306801651643
 Option 2 ID : 6306801651646
 Option 3 ID : 6306801651645
 Option 4 ID : 6306801651644
 Status : Answered
 Chosen Option : B

Q.18 Which of the following domains indicates the country Canada?

- Ans A. .br
 B. .ca
 C. .in
 D. .au

Question ID : 630680423323
Option 1 ID : 6306801651653
Option 2 ID : 6306801651654
Option 3 ID : 6306801651652
Option 4 ID : 6306801651651
Status : Answered
Chosen Option : B

Q.19 UMANG App was developed by the:

- Ans A. SERB Division and Department of Science and Technology
 B. Department of Revenue and Ministry of finance
 C. National e-Governance Division and Ministry of Electronics and Information Technology
 D. Department of Economic affairs

Question ID : 630680423328
Option 1 ID : 6306801651673
Option 2 ID : 6306801651671
Option 3 ID : 6306801651672
Option 4 ID : 6306801651674
Status : Marked For Review
Chosen Option : C

Q.20 In MS-Word 365, which of the following is the keyboard shortcut for 'Save As'?

- Ans A. F11
 B. F9
 C. F12
 D. F10

Question ID : 630680423296
Option 1 ID : 6306801651545
Option 2 ID : 6306801651543
Option 3 ID : 6306801651546
Option 4 ID : 6306801651544
Status : Answered
Chosen Option : C

Q.21 What is the shortcut to save a workbook in MS-Excel?

- Ans
- A. Tab + S
 - B. Shift + S
 - C. Alt + S
 - D. Ctrl + S

Question ID : 630680423305
Option 1 ID : 6306801651582
Option 2 ID : 6306801651581
Option 3 ID : 6306801651580
Option 4 ID : 6306801651579
Status : Answered
Chosen Option : D

Q.22 What are the steps to add a printer in Windows 10?

- Ans
- A. Devices → Settings → Printers & Scanners → Add a printer
 - B. Start → Devices → Settings → Printers & Scanners → Add a printer
 - C. Start → Settings → Devices → Printers & Scanners → Add a printer
 - D. Start → Settings → Printers & Scanners → Add a printer

Question ID : 630680423294
Option 1 ID : 6306801651536
Option 2 ID : 6306801651535
Option 3 ID : 6306801651537
Option 4 ID : 6306801651538
Status : Answered
Chosen Option : C

Q.23 _____ is a person or group responsible for designing and maintaining a web site.

- Ans
- A. Webmaster
 - B. Hardware Engineer
 - C. System Administrator
 - D. System In-charge

Question ID : 630680423313
Option 1 ID : 6306801651612
Option 2 ID : 6306801651613
Option 3 ID : 6306801651611
Option 4 ID : 6306801651614
Status : Answered
Chosen Option : A

Q.24 _____ key is used to type capital letters.

- Ans A. Caps Lock
 B. Tab
 C. Enter
 D. Backspace

Question ID : 630680423283
Option 1 ID : 6306801651492
Option 2 ID : 6306801651491
Option 3 ID : 6306801651494
Option 4 ID : 6306801651493
Status : Answered
Chosen Option : A

Q.25 Which of the following is the keyboard shortcut to insert a new slide in MS-PowerPoint 2016 presentation?

- Ans A. Ctrl + M
 B. Ctrl + N
 C. Ctrl + S
 D. Alt + S

Question ID : 630680423319
Option 1 ID : 6306801651635
Option 2 ID : 6306801651636
Option 3 ID : 6306801651637
Option 4 ID : 6306801651638
Status : Answered
Chosen Option : A

Q.26 Which of the following is the value in cell B1 of an excel work sheet, if it has the formula =DEC2HEX(63)?

- Ans A. 36
 B. B3
 C. F3
 D. 3F

Question ID : 630680423310
Option 1 ID : 6306801651599
Option 2 ID : 6306801651600
Option 3 ID : 6306801651602
Option 4 ID : 6306801651601
Status : Answered
Chosen Option : D

Q.27 Which of the following is an MS-PowerPoint 365 keyboard shortcut used for closing the presentation?

- Ans** **A.** Ctrl + F4
 B. Ctrl + F2
 C. Ctrl + F3
 D. Ctrl + F1

Question ID : **630680423317**
Option 1 ID : **6306801651630**
Option 2 ID : **6306801651628**
Option 3 ID : **6306801651629**
Option 4 ID : **6306801651627**
Status : **Answered**
Chosen Option : **A**

Q.28 Which of the following statements is INCORRECT?

- Ans** **A.**
A one-time password (OTP) is less secure than a static password.
 B.
A one-time password (OTP) can be delivered to a user through several channels, including an SMS-based text message, an email or a dedicated application on the endpoint.
 C.
A one-time password (OTP) authenticates a user for a single transaction or login session.
 D.
A one-time password (OTP) is an automatically generated numeric or alphanumeric string of characters.

Question ID : **630680423326**
Option 1 ID : **6306801651666**
Option 2 ID : **6306801651663**
Option 3 ID : **6306801651665**
Option 4 ID : **6306801651664**
Status : **Marked For Review**
Chosen Option : **A**

Q.29 Which of the following statements is true?

- Ans** **A.** Broadband has great portability than Wi-Fi.
 B. Broadband is more expensive than Wi-Fi.
 C.
Wi-Fi relies on the original devices that produce the internet.
 D. More network blocking can be faced in broadband.

Question ID : **630680423314**
Option 1 ID : **6306801651615**
Option 2 ID : **6306801651616**
Option 3 ID : **6306801651617**
Option 4 ID : **6306801651618**
Status : **Answered**
Chosen Option : **A**

Q.30 Which of the following statements is/are true for the recognition of task bar?

- (i) Start button is located on its left-hand side.
- (ii) Clock is located on its right-hand side.

Ans A. Only (ii)

B. Both (i) and (ii)

C. Neither (i) nor (ii)

D. Only (i)

Question ID : 630680423291

Option 1 ID : 6306801651524

Option 2 ID : 6306801651525

Option 3 ID : 6306801651526

Option 4 ID : 6306801651523

Status : Answered

Chosen Option : B

Q.31 Which of the following should be the address of the range of first five cells of the 2nd column in MS-Excel 2007?

Ans A. B1 : E1

B. B1 : B5

C. 1B : 5B

D. B1 : 5

Question ID : 630680423303

Option 1 ID : 6306801651572

Option 2 ID : 6306801651571

Option 3 ID : 6306801651573

Option 4 ID : 6306801651574

Status : Answered

Chosen Option : B

Q.32 Which of the following statements is true in MS-Excel 2007?

Ans A. Maximum column size is 255

B. Default row size is 8.43

C. Default column size is 15

D. Maximum row size is 255

Question ID : 630680423308

Option 1 ID : 6306801651592

Option 2 ID : 6306801651594

Option 3 ID : 6306801651591

Option 4 ID : 6306801651593

Status : Not Answered

Chosen Option : --

Q.33 Which of the following statements is INCORRECT?

Ans A.

RTGS is best suited for transactions having a minimum amount of ₹2 lakh.

B.

The minimum amount transferable through an IMPS transfer can be as low as ₹1000.

C.

There is no limit to the number of NEFT transactions in a day.

D.

IMPS allows immediate transfer of funds and this service can be accessed on bank/public holidays.

Question ID : 630680423325

Option 1 ID : 6306801651662

Option 2 ID : 6306801651661

Option 3 ID : 6306801651660

Option 4 ID : 6306801651659

Status : Marked For Review

Chosen Option : C

Q.34 Which of the following statements is INCORRECT with respect to mobile operating systems?

Ans A.

The Window Mobile OS is a mobile operating system that was developed by Microsoft.

B. The iOS was developed by the Apple.

C. The Android operating system was developed by Google.

D.

BlackBerry OS operating system is not beneficial for corporate users.

Question ID : 630680423290

Option 1 ID : 6306801651522

Option 2 ID : 6306801651519

Option 3 ID : 6306801651520

Option 4 ID : 6306801651521

Status : Not Answered

Chosen Option : --

Q.35 A _____ is a set of rules and formats for sending and receiving data.

Ans A. protocol

B. packet

C. router

D. bridge

Question ID : 630680423311

Option 1 ID : 6306801651605

Option 2 ID : 6306801651606

Option 3 ID : 6306801651604

Option 4 ID : 6306801651603

Status : Answered

Chosen Option : A

Q.36 Which of the following browsers is the fastest?

- Ans
- A. Microsoft Edge
 - B. Opera
 - C. Brave
 - D. Chrome

Question ID : 630680423315
Option 1 ID : 6306801651622
Option 2 ID : 6306801651619
Option 3 ID : 6306801651620
Option 4 ID : 6306801651621
Status : Answered
Chosen Option : C

Q.37 The following is incorrect step to prevent from mobile security threats

- Ans
- A. Update your device software regularly to ensure protection against spyware threats
 - B. Add your data to public server
 - C. Create unique passwords for different accounts created while using mobile devices
 - D. Do not allow forced downloads from browsers

Question ID : 630680423292
Option 1 ID : 6306801651527
Option 2 ID : 6306801651529
Option 3 ID : 6306801651528
Option 4 ID : 6306801651530
Status : Answered
Chosen Option : B

Q.38 Which of the following options is used to copy a text from one area to another in a word document?

- Ans
- A. Move and Paste
 - B. Clear and Paste
 - C. Cut and Paste
 - D. Copy and Paste

Question ID : 630680423298
Option 1 ID : 6306801651551
Option 2 ID : 6306801651553
Option 3 ID : 6306801651554
Option 4 ID : 6306801651552
Status : Answered
Chosen Option : D

Q.39 In MS-Excel 2010, _____ is the keyboard shortcut used to preview the worksheet before you print.

- Ans**
- A. Ctrl + F2
 - B. Alt + F3
 - C. Alt + F2
 - D. Shift + F3

Question ID : **630680423304**
Option 1 ID : **6306801651578**
Option 2 ID : **6306801651576**
Option 3 ID : **6306801651575**
Option 4 ID : **6306801651577**
Status : **Answered**
Chosen Option : **A**

Q.40 Yahoo mail sends emails upto:

- Ans**
- A. 30 MB
 - B. 20 MB
 - C. 35 MB
 - D. 25 MB

Question ID : **630680423322**
Option 1 ID : **6306801651649**
Option 2 ID : **6306801651647**
Option 3 ID : **6306801651650**
Option 4 ID : **6306801651648**
Status : **Not Answered**
Chosen Option : **--**

Q.41 One gigabyte is equals to:

- Ans**
- A. 1,073,741,884 bytes
 - B. 1,073,741,842 bytes
 - C. 1,703,741,824 bytes
 - D. 1,073,741,824 bytes

Question ID : **630680423284**
Option 1 ID : **6306801651496**
Option 2 ID : **6306801651495**
Option 3 ID : **6306801651498**
Option 4 ID : **6306801651497**
Status : **Answered**
Chosen Option : **D**

Q.42 Which of the following is INCORRECT regarding benefits of block chain technology?

- Ans**
- A. Tighter security
 - B. Cost saving
 - C. Timesaving
 - D. Scalability

Question ID : **630680423330**
Option 1 ID : **6306801651681**
Option 2 ID : **6306801651680**
Option 3 ID : **6306801651679**
Option 4 ID : **6306801651682**
Status : **Not Answered**
Chosen Option : --

Q.43 The sequence of steps to change mouse speed is:

- Ans** A.
Settings → Devices → Mouse → Cursor speed slider and change the setting to the desired speed
- B.
Mouse → Devices → Settings → Cursor speed slider and change the setting to the desired speed
- C.
Devices → Settings → Mouse → Cursor speed slider and change the setting to the desired speed
- D.
Settings → Mouse → Devices → Cursor speed slider and change the setting to the desired speed

Question ID : **630680423293**
Option 1 ID : **6306801651532**
Option 2 ID : **6306801651534**
Option 3 ID : **6306801651533**
Option 4 ID : **6306801651531**
Status : **Answered**
Chosen Option : **A**

Q.44 Which of the following options of the 'Format Cells → Alignment' menu is used to show content of a cell from lower-left to upper-right direction in MS-Excel 2007?

- Ans** A. Orientation
- B. Direction
- C. Vertical Direction
- D. Horizontal Direction

Question ID : **630680423306**
Option 1 ID : **6306801651584**
Option 2 ID : **6306801651583**
Option 3 ID : **6306801651585**
Option 4 ID : **6306801651586**
Status : **Not Answered**
Chosen Option : --

Q.45 Which of the following is NOT a search engine?

- Ans
- A. WebCrawler
 - B. Yahoo
 - C. Alta Vista
 - D. Windows

Question ID : 630680423316
Option 1 ID : 6306801651624
Option 2 ID : 6306801651623
Option 3 ID : 6306801651626
Option 4 ID : 6306801651625
Status : Answered
Chosen Option : D

Q.46 Write the familiarity of the social media platforms in decreasing order.

- Ans
- A. YouTube, Instagram, WhatsApp, Facebook
 - B. Facebook, WhatsApp, Instagram, YouTube
 - C. YouTube, WhatsApp, Instagram, Facebook
 - D. Facebook, YouTube, WhatsApp, Instagram

Question ID : 630680423324
Option 1 ID : 6306801651656
Option 2 ID : 6306801651655
Option 3 ID : 6306801651658
Option 4 ID : 6306801651657
Status : Answered
Chosen Option : A

Q.47 Linux was developed by:

- Ans
- A. Marcian Hoff
 - B. Stanley Major
 - C. Linus Torvalds
 - D. Charles Babbage

Question ID : 630680423289
Option 1 ID : 6306801651516
Option 2 ID : 6306801651515
Option 3 ID : 6306801651517
Option 4 ID : 6306801651518
Status : Answered
Chosen Option : C

Q.48 MS-PowerPoint 2000 has which of the following six views?

Ans A.

Normal view, Slide sorter view, Online view, Slide view, Notes page view, Slide Show view

B.

Normal view, Slide sorter view, Vertical view, Slide view, Notes page view, Slide Show view

C.

Normal view, Horizontal view, Outline view, Slide view, Notes page view, Slide Show view

D.

Normal view, Slide sorter view, Outline view, Slide view, Notes page view, Slide Show view

Question ID : 630680423320

Option 1 ID : 6306801651639

Option 2 ID : 6306801651642

Option 3 ID : 6306801651641

Option 4 ID : 6306801651640

Status : Answered

Chosen Option : D

Q.49 'Bullets and Numbering' are available in MS-word 2007.

Ans A. Styles Group

B. Clip board Group

C. Font Group

D. Paragraph Group

Question ID : 630680423300

Option 1 ID : 6306801651561

Option 2 ID : 6306801651562

Option 3 ID : 6306801651559

Option 4 ID : 6306801651560

Status : Answered

Chosen Option : D

Q.50 Which of the following statements is INCORRECT regarding UPI's key characteristic?

Ans A. It is accessible on vacations.

B.

Any complaint may be submitted simply through a mobile app.

C.

It cannot be used to pay utility bills and for payments to merchants.

D. UPI is accessible around the clock.

Question ID : 630680423327

Option 1 ID : 6306801651668

Option 2 ID : 6306801651670

Option 3 ID : 6306801651669

Option 4 ID : 6306801651667

Status : Answered

Chosen Option : C

Section : General Study & Logical Reasoning

Q.1 Which two signs should be interchanged to make the following equation correct?

$$45 \div 15 - 20 + 36 \times 9 = 659$$

- Ans
- A. \div and $+$
 - B. \div and \times
 - C. \times and $+$
 - D. \times and $-$

Question ID : 630680423350

Option 1 ID : 6306801651762

Option 2 ID : 6306801651759

Option 3 ID : 6306801651761

Option 4 ID : 6306801651760

Status : Answered

Chosen Option : B

Q.2 Four letter-cluster pairs have been given, out of which three are alike in some manner and one is different. Select the one that is different.

- Ans
- A. BD-DH
 - B. KM-VA
 - C. DF-HL
 - D. FH-LP

Question ID : 630680423347

Option 1 ID : 6306801651750

Option 2 ID : 6306801651749

Option 3 ID : 6306801651747

Option 4 ID : 6306801651748

Status : Answered

Chosen Option : B

Q.3 An NBFC-MFI has been defined as a non-deposit taking NBFC with a minimum net owned fund of _____ except for the north-eastern region of India.

- Ans
- A. ₹ 2 crore
 - B. ₹ 4 crore
 - C. ₹ 5 crore
 - D. ₹ 3 crore

Question ID : 630680423334

Option 1 ID : 6306801651695

Option 2 ID : 6306801651697

Option 3 ID : 6306801651698

Option 4 ID : 6306801651696

Status : Not Answered

Chosen Option : --

Q.4 Krishna Raja Sagar Dam is located in which of the following states of India?

- Ans
- A. Uttar Pradesh
 - B. Tamil Nadu
 - C. Jharkhand
 - D. Karnataka

Question ID : 630680423337
Option 1 ID : 6306801651709
Option 2 ID : 6306801651707
Option 3 ID : 6306801651710
Option 4 ID : 6306801651708
Status : Answered
Chosen Option : D

Q.5 In a certain code language, REPTILE is coded as ELITPER. How will ASYLUM be coded in that language?

- Ans
- A. MLUYSA
 - B. MULYSA
 - C. MULSYA
 - D. MUYLSA

Question ID : 630680423342
Option 1 ID : 6306801651729
Option 2 ID : 6306801651728
Option 3 ID : 6306801651730
Option 4 ID : 6306801651727
Status : Answered
Chosen Option : B

Q.6 Which of the following is a Digital Learning Platform for MGNREGS?

- Ans
- A. e-Mitra
 - B. e-Choupal
 - C. e-Saksham
 - D. e-Bandhu

Question ID : 630680423335
Option 1 ID : 6306801651700
Option 2 ID : 6306801651702
Option 3 ID : 6306801651699
Option 4 ID : 6306801651701
Status : Answered
Chosen Option : C

Q.7 Select the number from among the given options that can replace the question mark (?) in the following series.
37, 192, 347, 502, ?

- Ans** A. 567
 B. 657
 C. 765
 D. 675

Question ID : 630680423348
Option 1 ID : 6306801651754
Option 2 ID : 6306801651751
Option 3 ID : 6306801651753
Option 4 ID : 6306801651752
Status : Answered
Chosen Option : B

Q.8 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the one that is different.

- Ans** A. JR
 B. AH
 C. CJ
 D. EL

Question ID : 630680423346
Option 1 ID : 6306801651746
Option 2 ID : 6306801651743
Option 3 ID : 6306801651744
Option 4 ID : 6306801651745
Status : Answered
Chosen Option : A

Q.9 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.
DHLP : IMQU :: GKOS : ?

- Ans** A. LQTX
 B. LPTX
 C. LPTY
 D. LPUX

Question ID : 630680423345
Option 1 ID : 6306801651742
Option 2 ID : 6306801651740
Option 3 ID : 6306801651739
Option 4 ID : 6306801651741
Status : Answered
Chosen Option : B

Q.10 Which Article of the Indian Constitution says that there shall be a Vice-President of India?

- Ans**
- A. Article 64
 - B. Article 77
 - C. Article 59
 - D. Article 63

Question ID : **630680423340**
Option 1 ID : **6306801651720**
Option 2 ID : **6306801651722**
Option 3 ID : **6306801651721**
Option 4 ID : **6306801651719**
Status : **Answered**
Chosen Option : **D**

Q.11 Select the number from among the given options that can replace the question mark (?) in the following series.
1028, 903, 778, 653, ?

- Ans**
- A. 582
 - B. 576
 - C. 567
 - D. 528

Question ID : **630680423349**
Option 1 ID : **6306801651756**
Option 2 ID : **6306801651758**
Option 3 ID : **6306801651755**
Option 4 ID : **6306801651757**
Status : **Answered**
Chosen Option : **D**

Q.12 The Fifth Khelo India Youth Games – 2022 were held in which of the following states of India?

- Ans**
- A. Telangana
 - B. Odisha
 - C. Karnataka
 - D. Madhya Pradesh

Question ID : **630680423338**
Option 1 ID : **6306801651714**
Option 2 ID : **6306801651713**
Option 3 ID : **6306801651712**
Option 4 ID : **6306801651711**
Status : **Answered**
Chosen Option : **D**

Q.13 The Theosophical Society was initially founded by Madame Blavatsky and Colonel Olcott in which of the following cities of the US?

- Ans**
- A. New York
 - B. Detroit
 - C. Chicago
 - D. Washington DC

Question ID : **630680423331**
Option 1 ID : **6306801651685**
Option 2 ID : **6306801651686**
Option 3 ID : **6306801651684**
Option 4 ID : **6306801651683**
Status : **Marked For Review**
Chosen Option : **A**

Q.14 In a certain code language, AVIARY is coded as CXKCTA. How will CELLAR be coded in that language?

- Ans**
- A. EGNMCT
 - B. EGNNCT
 - C. EGNNDT
 - D. EHNNT

Question ID : **630680423343**
Option 1 ID : **6306801651733**
Option 2 ID : **6306801651734**
Option 3 ID : **6306801651732**
Option 4 ID : **6306801651731**
Status : **Answered**
Chosen Option : **B**

Q.15 Which of the following is NOT a fundamental duty as per the Constitution of India?

- Ans**
- A. To value and preserve the rich heritage of our composite culture.
 - B. To defend the country and render national service when called upon to do so.
 - C. To safeguard the Indian border and to protect citizens.
 - D. To uphold and protect the sovereignty, unity and integrity of India.

Question ID : **630680423339**
Option 1 ID : **6306801651717**
Option 2 ID : **6306801651716**
Option 3 ID : **6306801651718**
Option 4 ID : **6306801651715**
Status : **Answered**
Chosen Option : **C**

Q.16 A + B means 'A is the mother of B',
A - B means 'A is the sister of B',
A * B means 'A is the father of B' and
A / B means 'A is the brother of B'.
If P + Q * R - S / T, then how is S related to P?

- Ans
- A. Son
 - B. Mother
 - C. Grandson
 - D. Husband

Question ID : 630680423344
Option 1 ID : 6306801651735
Option 2 ID : 6306801651736
Option 3 ID : 6306801651738
Option 4 ID : 6306801651737
Status : Answered
Chosen Option : C

Q.17 Which of the following words CANNOT be made using the letters of the string HJWKYISLZDVPEUTNAOCB?

- Ans
- A. Cart
 - B. Play
 - C. Slice
 - D. Plant

Question ID : 630680423341
Option 1 ID : 6306801651725
Option 2 ID : 6306801651726
Option 3 ID : 6306801651724
Option 4 ID : 6306801651723
Status : Answered
Chosen Option : A

Q.18 Umiam Lake is located in which of the following states of the north-eastern region of India?

- Ans
- A. Manipur
 - B. Meghalaya
 - C. Sikkim
 - D. Nagaland

Question ID : 630680423336
Option 1 ID : 6306801651706
Option 2 ID : 6306801651705
Option 3 ID : 6306801651704
Option 4 ID : 6306801651703
Status : Not Answered
Chosen Option : --

Q.19 Who among the following created a dance school 'Manipuri Nartanatalaya' for women in Imphal in 1972?

- Ans
- A. Padma Subrahmanyam
 - B. Kelucharan Mohapatra
 - C. Guru Bipin Singh
 - D. Guru Vempati Chinna Satyam

Question ID : 630680423333
 Option 1 ID : 6306801651692
 Option 2 ID : 6306801651694
 Option 3 ID : 6306801651693
 Option 4 ID : 6306801651691
 Status : Answered
 Chosen Option : C

Q.20 'Daughter of Destiny: An Autobiography' is an autobiography by _____.

- Ans
- A. Indira Gandhi
 - B. Benazir Bhutto
 - C. Aung San Suu Kyi
 - D. Chandrika Kumaratunga

Question ID : 630680423332
 Option 1 ID : 6306801651687
 Option 2 ID : 6306801651688
 Option 3 ID : 6306801651690
 Option 4 ID : 6306801651689
 Status : Answered
 Chosen Option : B

Section : General Hindi

Q.1 निम्न में से कौन-सा वाक्य तात्कालिक वर्तमान काल की दृष्टि से उचित वाक्य है?

- Ans
- A. वे सभी कारें आज शाम में नीलाम हो रही हैं।
 - B. वे सभी कारें आज शाम में नीलाम हो सकती हैं।
 - C. वे सभी कारें आज शाम में नीलाम हो चुकी हैं।
 - D. वे सभी कारें आज शाम में नीलाम हो चुकी होंगी।

Question ID : 630680423355
 Option 1 ID : 6306801651779
 Option 2 ID : 6306801651782
 Option 3 ID : 6306801651780
 Option 4 ID : 6306801651781
 Status : Answered
 Chosen Option : A

Q.2 निम्न में से कौन-सा वाक्य संदिग्ध भूत काल की दृष्टि से उचित वाक्य है?

Ans

A. जापान उस घटना को भूल चुका था।

B. जापान उस घटना को भुला रहा था।

C. जापान उस घटना को भूल चुका होगा।

D.

जापान उस घटना को भूल चुका होता यदि फिर से भूकम्प न आता।

Question ID : 630680423354

Option 1 ID : 6306801651778

Option 2 ID : 6306801651775

Option 3 ID : 6306801651776

Option 4 ID : 6306801651777

Status : Answered

Chosen Option : C

Q.3 वाक्य विन्यास की दृष्टि से शुद्ध वाक्य का चयन कीजिए-

Ans

A.

वहाँ बहुत से पशु और पक्षी उड़ते और चरते हुए दिखाई दिये।

B.

पशु चरते और पक्षी उड़ते हुए और दिखाई दिये वहाँ बहुत से।

C.

वहाँ दिखाई दिये बहुत से पशु और पक्षी चरते और उड़ते हुए।

D.

वहाँ बहुत से पशु और पक्षी चरते और उड़ते हुए दिखाई दिये।

Question ID : 630680423352

Option 1 ID : 6306801651767

Option 2 ID : 6306801651769

Option 3 ID : 6306801651770

Option 4 ID : 6306801651768

Status : Answered

Chosen Option : D

Q.4 शक्तिबोधक क्रिया शब्द से दिया गया वाक्य पूर्ण करें-

दादाजी लम्बी बीमारी के बाद अब

Ans

A. चल-फिर सकते हैं।

B. चलते होंगे।

C. चल उठे।

D. चलने लगे हैं।

Question ID : 630680423357

Option 1 ID : 6306801651788

Option 2 ID : 6306801651789

Option 3 ID : 6306801651790

Option 4 ID : 6306801651787

Status : Answered

Chosen Option : A

Q.5 निम्न में से कौन-सा वाक्य हेतुहेतुमद्बिषय काल की दृष्टि से उचित वाक्य है?

- Ans
- A. वह लगातार मेहनत कर रहा है विद्वान होने के लिए।
 - B. वह लगातार इतनी मेहनत करे तो विद्वान ही हो जाए।
 - C. सम्भव है कि वह लगातार मेहनत करे तो विद्वान हो जाए।
 - D. लगातार मेहनत करने से कोई विद्वान हो सकता है।

Question ID : 630680423353
 Option 1 ID : 6306801651774
 Option 2 ID : 6306801651773
 Option 3 ID : 6306801651772
 Option 4 ID : 6306801651771
 Status : Answered
 Chosen Option : C

Q.6 निम्न में से किस वाक्य में कारक चिह्न का शुद्ध प्रयोग हुआ है?

- Ans
- A. कठिन मेहनत से हर्ष को डॉक्टर बनाया था।
 - B. कठिन मेहनत में हर्ष को डॉक्टर बनाया था।
 - C. कठिन मेहनत द्वारा हर्ष को डॉक्टर बनाया था।
 - D. कठिन मेहनत ने हर्ष को डॉक्टर बनाया था।

Question ID : 630680423356
 Option 1 ID : 6306801651783
 Option 2 ID : 6306801651784
 Option 3 ID : 6306801651785
 Option 4 ID : 6306801651786
 Status : Answered
 Chosen Option : D

Q.7 निम्न में से किस वाक्य में विशेषण शब्द का उचित प्रयोग नहीं हुआ है?

- Ans
- A. काले-कजरारे बादलों को उमड़ते-धुमड़ते देख कृषक प्रसन्न हो उठे।
 - B. चिलचिलाती धूप को जो चाँदनी देते बना।
 - C. आज माँ ने बड़ा लज़ीज़ भोजन बनाया है।
 - D. धड़ाधड़ बरसता पानी, ज़रा न रुकता लेता दम।

Question ID : 630680423360
 Option 1 ID : 6306801651800
 Option 2 ID : 6306801651799
 Option 3 ID : 6306801651802
 Option 4 ID : 6306801651801
 Status : Answered
 Chosen Option : A

Q.8 वाक्य विन्यास की दृष्टि से शुद्ध वाक्य का चयन कीजिए-

- Ans
- ✓ A. सूफियों ने पारलौकिक प्रेम की प्रतिष्ठा की।
 - ✗ B. सूफियों ने पारलौकिक प्रेम की की प्रतिष्ठा।
 - ✗ C. सूफियों ने की पारलौकिक प्रेम की प्रतिष्ठा।
 - ✗ D. पारलौकिक प्रेम की प्रतिष्ठा की सूफियों ने।

Question ID : 630680423351

Option 1 ID : 6306801651766

Option 2 ID : 6306801651763

Option 3 ID : 6306801651765

Option 4 ID : 6306801651764

Status : Answered

Chosen Option : A

Q.9 निम्न में से 'मरीचि' का पर्याय है-

- Ans
- ✗ A. चाँदनी
 - ✗ B. विष्णु
 - ✓ C. रश्मि
 - ✗ D. सूर्य

Question ID : 630680423359

Option 1 ID : 6306801651797

Option 2 ID : 6306801651798

Option 3 ID : 6306801651795

Option 4 ID : 6306801651796

Status : Answered

Chosen Option : C

Q.10 सही मुहावरा चुनें-

- Ans
- ✓ A. गर्दन पर छुरी फेरना
 - ✗ B. गर्दन पर चाकू फेरना
 - ✗ C. गर्दन पर आरी फेरना
 - ✗ D. गर्दन पर तलवार फेरना

Question ID : 630680423358

Option 1 ID : 6306801651794

Option 2 ID : 6306801651791

Option 3 ID : 6306801651793

Option 4 ID : 6306801651792

Status : Answered

Chosen Option : A

Comprehension:

प्रश्न के उत्तर दिए गए गद्यांश के आधार पर दीजिए।

वास्तव में मनुष्य स्वयं को देख नहीं पाता। उसके नेत्र दूसरों के चरित्र को देखते हैं, उसका हृदय दूसरों के दोषों को अनुभव करता है। उसकी वाणी दूसरों के अवगुणों का विश्लेषण कर सकती है, किंतु उसका अपना चरित्र, उसके अपने दोष एवं उसके अवगुण, मिथ्याभिमान और आत्म-गौरव के काले आवरण में इस प्रकार प्रच्छन्न रहते हैं कि जीवन-पर्यंत उसे दृष्टिगोचर ही नहीं हो पाते। इसीलिए मनुष्य स्वयं को सर्वगुण-सम्पन्न देवता समझ बैठता है। व्यक्ति स्वयं के द्वारा जितना छला जाता है, उतना किसी अन्य के द्वारा नहीं। आत्मविश्लेषण कोई सहज कार्य नहीं है। इसके लिए उदारता, सहनशीलता एवं महानता की आवश्यकता होती है। इसका तात्पर्य यह नहीं है कि आत्मविश्लेषण मनुष्य कर ही नहीं सकता। अपने गुणों-अवगुणों की अनुभूति मनुष्य को सदैव रहती है। अपने दोषों से वह हर पल अवगत रहता है, किंतु अपने दोषों को मानने के लिए तैयार न रहना ही उसकी दुर्बलता होती है और यही उसे आत्मविश्लेषण की क्षमता नहीं दे पाती। उसमें इतनी उदारता और हृदय की विशालता ही नहीं होती कि वह अपने दोषों को स्वयं देख सके। इसके विपरीत पर-निंदा एवं पर-दोष-दर्शन में अपना कुछ नहीं बिगड़ता, उल्टे मनुष्य आनंद अनुभव करता है, परंतु आत्म विश्लेषण करके अपने दोष देखने से मनुष्य के अहंकार को चोट पहुँचती है।

SubQuestion No : 11

Q.11 आत्मविश्लेषण के लिए आवश्यक है-

- Ans
- A. हृदय की उदारता , सहनशीलता, महानता
 - B. हृदय की कोमलता, दृढबुपन
 - C. गुणों-अवगुणों का अनुभव कर सकने की क्षमता
 - D. मन में भावनाओं की संवेगात्मकता

Question ID : 630680423363

Option 1 ID : 6306801651807

Option 2 ID : 6306801651808

Option 3 ID : 6306801651810

Option 4 ID : 6306801651809

Status : Answered

Chosen Option : A

Comprehension:

प्रश्न के उत्तर दिए गए गद्यांश के आधार पर दीजिए।

वास्तव में मनुष्य स्वयं को देख नहीं पाता। उसके नेत्र दूसरों के चरित्र को देखते हैं, उसका हृदय दूसरों के दोषों को अनुभव करता है। उसकी वाणी दूसरों के अवगुणों का विश्लेषण कर सकती है, किंतु उसका अपना चरित्र, उसके अपने दोष एवं उसके अवगुण, मिथ्याभिमान और आत्म-गौरव के काले आवरण में इस प्रकार प्रच्छन्न रहते हैं कि जीवन-पर्यंत उसे दृष्टिगोचर ही नहीं हो पाते। इसीलिए मनुष्य स्वयं को सर्वगुण-सम्पन्न देवता समझ बैठता है। व्यक्ति स्वयं के द्वारा जितना छला जाता है, उतना किसी अन्य के द्वारा नहीं। आत्मविश्लेषण कोई सहज कार्य नहीं है। इसके लिए उदारता, सहनशीलता एवं महानता की आवश्यकता होती है। इसका तात्पर्य यह नहीं है कि आत्मविश्लेषण मनुष्य कर ही नहीं सकता। अपने गुणों-अवगुणों की अनुभूति मनुष्य को सदैव रहती है। अपने दोषों से वह हर पल अवगत रहता है, किंतु अपने दोषों को मानने के लिए तैयार न रहना ही उसकी दुर्बलता होती है और यही उसे आत्मविश्लेषण की क्षमता नहीं दे पाती। उसमें इतनी उदारता और हृदय की विशालता ही नहीं होती कि वह अपने दोषों को स्वयं देख सके। इसके विपरीत पर-निंदा एवं पर-दोष-दर्शन में अपना कुछ नहीं बिगड़ता, उल्टे मनुष्य आनंद अनुभव करता है, परंतु आत्म विश्लेषण करके अपने दोष देखने से मनुष्य के अहंकार को चोट पहुँचती है।

SubQuestion No : 12

Q.12 मनुष्य को स्वयं के दोष क्यों नहीं दिखते?

- Ans
- A. क्योंकि वह दूसरों में ही दोष ढूँढता रहता है।
 - B. क्योंकि उसके दोष आत्मगौरव के पीछे छिपे रहते हैं।
 - C. क्योंकि वह अपने दोष देख ही नहीं सकता।
 - D. क्योंकि वह स्वयं को दोषमुक्त ही मानता है।

Question ID : 630680423362

Option 1 ID : 6306801651804

Option 2 ID : 6306801651805

Option 3 ID : 6306801651803

Option 4 ID : 6306801651806

Status : Answered

Chosen Option : A

Comprehension:

प्रश्न के उत्तर दिए गए गद्यांश के आधार पर दीजिए।

वास्तव में मनुष्य स्वयं को देख नहीं पाता। उसके नेत्र दूसरों के चरित्र को देखते हैं, उसका हृदय दूसरों के दोषों को अनुभव करता है। उसकी वाणी दूसरों के अवगुणों का विश्लेषण कर सकती है, किंतु उसका अपना चरित्र, उसके अपने दोष एवं उसके अवगुण, मिथ्याभिमान और आत्म-गौरव के काले आवरण में इस प्रकार प्रच्छन्न रहते हैं कि जीवन-पर्यंत उसे दृष्टिगोचर ही नहीं हो पाते। इसीलिए मनुष्य स्वयं को सर्वगुण-सम्पन्न देवता समझ बैठता है। व्यक्ति स्वयं के द्वारा जितना छला जाता है, उतना किसी अन्य के द्वारा नहीं। आत्मविश्लेषण कोई सहज कार्य नहीं है। इसके लिए उदारता, सहनशीलता एवं महानता की आवश्यकता होती है। इसका तात्पर्य यह नहीं है कि आत्मविश्लेषण मनुष्य कर ही नहीं सकता। अपने गुणों-अवगुणों की अनुभूति मनुष्य को सदैव रहती है। अपने दोषों से वह हर पल अवगत रहता है, किंतु अपने दोषों को मानने के लिए तैयार न रहना ही उसकी दुर्बलता होती है और यही उसे आत्मविश्लेषण की क्षमता नहीं दे पाती। उसमें इतनी उदारता और हृदय की विशालता ही नहीं होती कि वह अपने दोषों को स्वयं देख सके। इसके विपरीत पर-निंदा एवं पर-दोष-दर्शन में अपना कुछ नहीं बिगड़ता, उल्टे मनुष्य आनंद अनुभव करता है, परंतु आत्म विश्लेषण करके अपने दोष देखने से मनुष्य के अहंकार को चोट पहुँचती है।

SubQuestion No : 13

Q.13 मनुष्य के अहंकार को चोट पहुँचती है-

- Ans
- A. दूसरों के दोष निकालने में
 - B. अपने मिथ्याभिमान से बाहर निकलने पर
 - C. आत्मविश्लेषण करने में
 - D. स्वयं की निंदा सुनने से।

Question ID : 630680423365

Option 1 ID : 6306801651816

Option 2 ID : 6306801651815

Option 3 ID : 6306801651818

Option 4 ID : 6306801651817

Status : Answered

Chosen Option : C

Comprehension:

प्रश्न के उत्तर दिए गए गद्यांश के आधार पर दीजिए।

वास्तव में मनुष्य स्वयं को देख नहीं पाता। उसके नेत्र दूसरों के चरित्र को देखते हैं, उसका हृदय दूसरों के दोषों को अनुभव करता है। उसकी वाणी दूसरों के अवगुणों का विश्लेषण कर सकती है, किंतु उसका अपना चरित्र, उसके अपने दोष एवं उसके अवगुण, मिथ्याभिमान और आत्म-गौरव के काले आवरण में इस प्रकार प्रच्छन्न रहते हैं कि जीवन-पर्यंत उसे दृष्टिगोचर ही नहीं हो पाते। इसीलिए मनुष्य स्वयं को सर्वगुण-सम्पन्न देवता समझ बैठता है। व्यक्ति स्वयं के द्वारा जितना छला जाता है, उतना किसी अन्य के द्वारा नहीं। आत्मविश्लेषण कोई सहज कार्य नहीं है। इसके लिए उदारता, सहनशीलता एवं महानता की आवश्यकता होती है। इसका तात्पर्य यह नहीं है कि आत्मविश्लेषण मनुष्य कर ही नहीं सकता। अपने गुणों-अवगुणों की अनुभूति मनुष्य को सदैव रहती है। अपने दोषों से वह हर पल अवगत रहता है, किंतु अपने दोषों को मानने के लिए तैयार न रहना ही उसकी दुर्बलता होती है और यही उसे आत्मविश्लेषण की क्षमता नहीं दे पाती। उसमें इतनी उदारता और हृदय की विशालता ही नहीं होती कि वह अपने दोषों को स्वयं देख सके। इसके विपरीत पर-निंदा एवं पर-दोष-दर्शन में अपना कुछ नहीं बिगड़ता, उल्टे मनुष्य आनंद अनुभव करता है, परंतु आत्म विश्लेषण करके अपने दोष देखने से मनुष्य के अहंकार को चोट पहुँचती है।

SubQuestion No : 14

Q.14 पर निंदा में मानव आनंद लेता है क्योंकि -

- Ans
- A. पर निंदा सबसे सरल कार्य है।
 - B. कानों एवं मन को रस मिलता है।
 - C. इससे अपनी कोई हानि नहीं होती।
 - D. अहंकार को तृप्ति नहीं मिलती है।

Question ID : 630680423364

Option 1 ID : 6306801651814

Option 2 ID : 6306801651813

Option 3 ID : 6306801651811

Option 4 ID : 6306801651812

Status : Answered

Chosen Option : C

Comprehension:

प्रश्न के उत्तर दिए गए गद्यांश के आधार पर दीजिए।

वास्तव में मनुष्य स्वयं को देख नहीं पाता। उसके नेत्र दूसरों के चरित्र को देखते हैं, उसका हृदय दूसरों के दोषों को अनुभव करता है। उसकी वाणी दूसरों के अवगुणों का विश्लेषण कर सकती है, किंतु उसका अपना चरित्र, उसके अपने दोष एवं उसके अवगुण, मिथ्याभिमान और आत्म-गौरव के काले आवरण में इस प्रकार प्रच्छन्न रहते हैं कि जीवन-पर्यंत उसे दृष्टिगोचर ही नहीं हो पाते। इसीलिए मनुष्य स्वयं को सर्वगुण-सम्पन्न देवता समझ बैठता है। व्यक्ति स्वयं के द्वारा जितना छला जाता है, उतना किसी अन्य के द्वारा नहीं। आत्मविश्लेषण कोई सहज कार्य नहीं है। इसके लिए उदारता, सहनशीलता एवं महानता की आवश्यकता होती है। इसका तात्पर्य यह नहीं है कि आत्मविश्लेषण मनुष्य कर ही नहीं सकता। अपने गुणों-अवगुणों की अनुभूति मनुष्य को सदैव रहती है। अपने दोषों से वह हर पल अवगत रहता है, किंतु अपने दोषों को मानने के लिए तैयार न रहना ही उसकी दुर्बलता होती है और यही उसे आत्मविश्लेषण की क्षमता नहीं दे पाती। उसमें इतनी उदारता और हृदय की विशालता ही नहीं होती कि वह अपने दोषों को स्वयं देख सके। इसके विपरीत पर-निंदा एवं पर-दोष-दर्शन में अपना कुछ नहीं बिगड़ता, उल्टे मनुष्य आनंद अनुभव करता है, परंतु आत्म विश्लेषण करके अपने दोष देखने से मनुष्य के अहंकार को चोट पहुँचती है।

SubQuestion No : 15

Q.15 'प्रच्छन्न' शब्द का अर्थ है-

- Ans
- A. चलन
 - B. प्रचलित
 - C. गोपित
 - D. उपस्थित

Question ID : 630680423366

Option 1 ID : 6306801651822

Option 2 ID : 6306801651821

Option 3 ID : 6306801651819

Option 4 ID : 6306801651820

Status : Marked For Review

Chosen Option : C

Section : General English

Q.1 Select the most appropriate option to fill in the blank.

It is necessary _____ well before the examination.

- Ans
- A. studying
 - B. to study
 - C. study
 - D. studied

Question ID : 630680423368
Option 1 ID : 6306801651829
Option 2 ID : 6306801651830
Option 3 ID : 6306801651827
Option 4 ID : 6306801651828
Status : Answered
Chosen Option : B

Q.2 Select the sentence with grammatically correct verb form.

- Ans
- A. They were not allowed to enter the military compound.
 - B. They not allowed to enter the military compound.
 - C. They had not allowing to enter the military compound.
 - D. They were not allow to enter the military compound.

Question ID : 630680423371
Option 1 ID : 6306801651840
Option 2 ID : 6306801651839
Option 3 ID : 6306801651842
Option 4 ID : 6306801651841
Status : Answered
Chosen Option : A

Q.3 Select the segment which has a grammatical error in the given sentence. If there is no error, select 'No error'.

That bridge breaking if too many people climb on it.

- Ans
- A. That bridge breaking
 - B. climb on it.
 - C. if too many people
 - D. No error

Question ID : 630680423370
Option 1 ID : 6306801651835
Option 2 ID : 6306801651837
Option 3 ID : 6306801651836
Option 4 ID : 6306801651838
Status : Answered
Chosen Option : A

Q.4 Select the option that substitutes the underlined word/ segment in the given proverb correctly. If no substitution is required, select 'No substitution required'.
There is no place like school.

Ans A. No substitution required

B. home

C. house

D. my village

Question ID : 630680423373

Option 1 ID : 6306801651850

Option 2 ID : 6306801651847

Option 3 ID : 6306801651848

Option 4 ID : 6306801651849

Status : Answered

Chosen Option : B

Q.5 Select the most appropriate option to fill in the blank.

Plastic plays an important role _____ our life.

Ans A. at

B. on

C. in

D. to

Question ID : 630680423367

Option 1 ID : 6306801651824

Option 2 ID : 6306801651823

Option 3 ID : 6306801651825

Option 4 ID : 6306801651826

Status : Answered

Chosen Option : C

Q.6 Given below are four jumbled parts of a sentence. Select the option that gives their correct order forming a meaningful and coherent sentence.

A. Every day, children in government schools

B. receive a wholesome midday meal

C. them from hunger and from malnutrition

D. at school, which protects

Ans A. ABCD

B. ABDC

C. ACBD

D. ADCB

Question ID : 630680423375

Option 1 ID : 6306801651857

Option 2 ID : 6306801651858

Option 3 ID : 6306801651856

Option 4 ID : 6306801651855

Status : Answered

Chosen Option : B

Q.7 Given below are four jumbled parts of a sentence. Select the option that gives their correct order forming a meaningful and coherent sentence.

- A. which generate about 55 per cent
- B. of the country's electricity
- C. India relies heavily on
- D. coal-based power plants,

Ans A. DACB
 B. ADBC
 C. CBDA
 D. CDAB

Question ID : **630680423376**
Option 1 ID : **6306801651862**
Option 2 ID : **6306801651859**
Option 3 ID : **6306801651860**
Option 4 ID : **6306801651861**
Status : **Answered**
Chosen Option : **D**

Q.8 Select the most appropriate antonym of the given word to fill in the blank.

DRAB

We worked in a _____ and nicely decorated room.

Ans A. shabby
 B. bright
 C. dingy
 D. dull

Question ID : **630680423372**
Option 1 ID : **6306801651845**
Option 2 ID : **6306801651844**
Option 3 ID : **6306801651843**
Option 4 ID : **6306801651846**
Status : **Answered**
Chosen Option : **B**

Q.9 Select the option that substitutes the underlined word/ segment in the given idiom correctly. If no substitution is required, select 'No substitution required'.
break fresh bread

Ans A. No substitution required
 B. relationship
 C. ground
 D. plate

Question ID : **630680423374**
Option 1 ID : **6306801651854**
Option 2 ID : **6306801651853**
Option 3 ID : **6306801651852**
Option 4 ID : **6306801651851**
Status : **Marked For Review**
Chosen Option : **D**

Q.10 Select the segment which has a grammatical error in the given sentence. If there is no error, select 'No error'.
She cook pasta in the kitchen at the moment.

- Ans**
- A. She cook pasta
 - B. in the kitchen
 - C. at the moment.
 - D. No error

Question ID : **630680423369**

Option 1 ID : **6306801651831**

Option 2 ID : **6306801651832**

Option 3 ID : **6306801651833**

Option 4 ID : **6306801651834**

Status : **Answered**

Chosen Option : **C**

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Comprehension:

Read the following passage and answer the questions given after it.

India's government-run aerospace and defence firm Hindustan Aeronautics Limited (HAL) has completed the delivery of all 16 ALHMk3 helicopters, as ordered by the Indian Coast Guard (ICG). The delivery of the chopper took place at a ceremony in Bengaluru, in the presence of officials from the HAL and ICG. |

ALHMk3 is an indigenously designed and developed helicopter made by HAL. The company has so far produced 330 ALHs, a versatile helicopter which has logged more than 3.74 lakhs of flying hours. Indian Coast Guard has taken delivery of the maritime variant of this chopper.

“We are proud to be associated with HAL and happy to issue a Letter of Intent (LoI) for nine more helicopters. Despite COVID-19, HAL delivered all the helicopters (ordered in March 2017) in the shortest time with seamless production activities and this allows us to strengthen India’s maritime security”, said VS Pathania, Director General, ICG.

Ananthakrishnan, CMD, HAL, said a unique feature of the contract has been the Performance Based Logistics (PBL) – the one-stop solution for the maintenance of these helicopters by HAL.

HAL Officials said that the major challenges in executing the ICG contract for choppers included the integration of new systems sourced from foreign manufacturers, conducting flight trials and overcoming supply chain disruptions, that arose during COVID-19 lockdowns.

SubQuestion No : 11

Q.11 How many helicopters till now have been made by HAL?

- Ans
- A. 346 helicopters
 - B. 16 helicopters
 - C. 9 helicopters
 - D. 330 helicopters

Question ID : 630680423379
Option 1 ID : 6306801651870
Option 2 ID : 6306801651867
Option 3 ID : 6306801651868
Option 4 ID : 6306801651869
Status : Answered

Chosen Option : D

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Comprehension:

Read the following passage and answer the questions given after it.

India's government-run aerospace and defence firm Hindustan Aeronautics Limited (HAL) has completed the delivery of all 16 ALHMk3 helicopters, as ordered by the Indian Coast Guard (ICG). The delivery of the chopper took place at a ceremony in Bengaluru, in the presence of officials from the HAL and ICG. |

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SubQuestion No : 12

Q.12 ‘ALHMk3 is an indigenously designed and developed helicopter.’ here the word ‘indigenously’ means

- Ans**
- A. skillfully
 - B. domestically
 - C. creatively
 - D. primitively

Question ID : 630680423380

Option 1 ID : 6306801651873

Option 2 ID : 6306801651872

Option 3 ID : 6306801651874

Option 4 ID : 6306801651871

Status : Marked For Review

Chosen Option : B

Comprehension:

Read the following passage and answer the questions given after it.

India's government-run aerospace and defence firm Hindustan Aeronautics Limited (HAL) has completed the delivery of all 16 ALHMk3 helicopters, as ordered by the Indian Coast Guard (ICG). The delivery of the chopper took place at a ceremony in Bengaluru, in the presence of officials from the HAL and ICG. |

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HAL Officials said that the major challenges in executing the ICG contract for choppers included the integration of new systems sourced from foreign manufacturers, conducting flight trials and overcoming supply chain disruptions, that arose during COVID-19 lockdowns.

SubQuestion No : 13

Q.13 What is the meaning of the word ‘seamless’ in the passage?

- Ans
- A. logical
 - B. continuous
 - C. one-piece
 - D. joined

Question ID : **630680423382**

Option 1 ID : **6306801651882**

Option 2 ID : **6306801651880**

Option 3 ID : **6306801651879**

Option 4 ID : **6306801651881**

Status : **Answered**

Chosen Option : **B**

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Comprehension:

Read the following passage and answer the questions given after it.

India's government-run aerospace and defence firm Hindustan Aeronautics Limited (HAL) has completed the delivery of all 16 ALHMk3 helicopters, as ordered by the Indian Coast Guard (ICG). The delivery of the chopper took place at a ceremony in Bengaluru, in the presence of officials from the HAL and ICG. |

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HAL Officials said that the major challenges in executing the ICG contract for choppers included the integration of new systems sourced from foreign manufacturers, conducting flight trials and overcoming supply chain disruptions, that arose during COVID-19 lockdowns.

SubQuestion No : 14

Q.14 Which challenge was faced by HAL due to COVID 19 lockdowns?

- Ans
- A. integrating new systems in the helicopters
 - B. keeping the supply chain going without disruptions
 - C. field trialing of helicopters
 - D. sourcing the new systems from foreign manufacturers

Question ID : 630680423381

Option 1 ID : 6306801651876

Option 2 ID : 6306801651878

Option 3 ID : 6306801651875

Option 4 ID : 6306801651877

Status : Answered

Chosen Option : A

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Comprehension:

Read the following passage and answer the questions given after it.

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HAL Officials said that the major challenges in executing the ICG contract for choppers included the integration of new systems sourced from foreign manufacturers, conducting flight trials and overcoming supply chain disruptions, that arose during COVID-19 lockdowns.

SubQuestion No : 15

Q.15 What is the passage mainly about?

- Ans
- A. the manufacturing of helicopters by HAL
 - B. the buying of helicopters by ICG
 - C. the maintenance of the helicopters by HAL
 - D. the delivery of completed helicopters to IGS by HAL

Question ID : 630680423378
Option 1 ID : 6306801651863
Option 2 ID : 6306801651864
Option 3 ID : 6306801651866
Option 4 ID : 6306801651865
Status : Answered

Chosen Option : D

Section : Domain Knowledge

Q.1 The value of Beam factor varies from _____.

- Ans
- A. 0.8 to 1.0
 - B. 0.3 to 0.6
 - C. 0.05 to 0.10
 - D. 0.1 to 0.2

Question ID : 630680423470

Option 1 ID : 6306801652233

Option 2 ID : 6306801652234

Option 3 ID : 6306801652231

Option 4 ID : 6306801652232

Status : Answered

Chosen Option : B

Q.2 Which of the following material has negative temperature coefficient of resistance?

- Ans
- A. Mercury
 - B. Nichrome
 - C. Tungsten
 - D. Carbon

Question ID : 630680423421

Option 1 ID : 6306801652038

Option 2 ID : 6306801652036

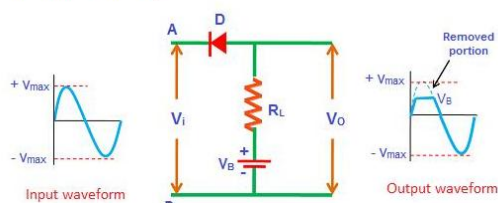
Option 3 ID : 6306801652035

Option 4 ID : 6306801652037

Status : Answered

Chosen Option : D

Q.3 In the following circuit, for all the input values of V_i which are less than or equal to the bias voltage V_B , what will be the output voltage V_o ?



- Ans
- A. $V_o = R_L$
 - B. $V_o = V_B$
 - C. $V_o = 0$
 - D. $V_o = V_i$

Question ID : 630680423522

Option 1 ID : 6306801652442

Option 2 ID : 6306801652439

Option 3 ID : 6306801652440

Option 4 ID : 6306801652441

Status : Not Answered

Chosen Option : --

Q.4 Which of the following device has highest switching speed?

- Ans
- A. SCR
 - B. IGBT
 - C. MOSFET
 - D. Power BJT

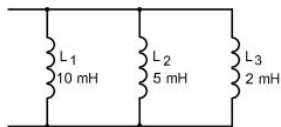
Question ID : 630680423528
Option 1 ID : 6306801652464
Option 2 ID : 6306801652466
Option 3 ID : 6306801652463
Option 4 ID : 6306801652465
Status : Answered
Chosen Option : C

Q.5 Calculate the frequency of rotor current if supply frequency is 100 Hz and slip is 5%.

- Ans
- A. 50 Hz
 - B. 25 Hz
 - C. 5 Hz
 - D. 10 Hz

Question ID : 630680423532
Option 1 ID : 6306801652479
Option 2 ID : 6306801652480
Option 3 ID : 6306801652482
Option 4 ID : 6306801652481
Status : Answered
Chosen Option : C

Q.6 Determine the effective inductance of the parallel connection of L_1 , L_2 and L_3 , in following figure:



- Ans
- A. 1.25 mH
 - B. 3.75 mH
 - C. 2.5 mH
 - D. 5.0 mH

Question ID : 630680423418
Option 1 ID : 6306801652023
Option 2 ID : 6306801652025
Option 3 ID : 6306801652024
Option 4 ID : 6306801652026
Status : Answered
Chosen Option : A

Q.7 Weber is the unit of _____.

- Ans
- A. conductance
 - B. flux
 - C. reluctance
 - D. magnetomotive force

Question ID : 630680423411
Option 1 ID : 6306801651996
Option 2 ID : 6306801651997
Option 3 ID : 6306801651995
Option 4 ID : 6306801651998
Status : Answered
Chosen Option : B

Q.8 For a lap wound DC machine, back pitch is 7 and front pitch is 5. Calculate the winding pitch.

- Ans
- A. 5
 - B. 7
 - C. 12
 - D. 2

Question ID : 630680423476
Option 1 ID : 6306801652256
Option 2 ID : 6306801652257
Option 3 ID : 6306801652258
Option 4 ID : 6306801652255
Status : Marked For Review
Chosen Option : D

Q.9 In a thyrite lightening arrester, the resistance is _____ at low current and _____ at high current.

- Ans
- A. low; zero
 - B. zero; infinite
 - C. low; high
 - D. high; low

Question ID : 630680423493
Option 1 ID : 6306801652326
Option 2 ID : 6306801652325
Option 3 ID : 6306801652324
Option 4 ID : 6306801652323
Status : Answered
Chosen Option : D

Q.10 The theoretical maximum efficiency of a Class A power amplifier is

- Ans
- A. 100%
 - B. 75%
 - C. 25%
 - D. 50%

Question ID : 630680423531
Option 1 ID : 6306801652478
Option 2 ID : 6306801652477
Option 3 ID : 6306801652475
Option 4 ID : 6306801652476
Status : Answered
Chosen Option : C

Q.11 The ratio of total lumens reaching the working plane to total lumens given out by the lamp is called _____.

- Ans
- A. Utilization factor
 - B. Absorption factor
 - C. Maintenance factor
 - D. Waste light factor

Question ID : 630680423469
Option 1 ID : 6306801652227
Option 2 ID : 6306801652229
Option 3 ID : 6306801652230
Option 4 ID : 6306801652228
Status : Answered
Chosen Option : A

Q.12 Calculate the phase angle between $V_1(t) = 10 \cos(\omega t + 50^\circ)$ and $V_2(t) = 12 \cos(\omega t + 20^\circ)$

- Ans
- A. 100°
 - B. 60°
 - C. 130°
 - D. 30°

Question ID : 630680423444
Option 1 ID : 6306801652128
Option 2 ID : 6306801652130
Option 3 ID : 6306801652129
Option 4 ID : 6306801652127
Status : Answered
Chosen Option : D

Q.13 In a common collector configuration, the output current is:

- Ans
- A. the base current
 - B. always zero
 - C. the collector current
 - D. the emitter current

Question ID : 630680423524
Option 1 ID : 6306801652447
Option 2 ID : 6306801652450
Option 3 ID : 6306801652449
Option 4 ID : 6306801652448
Status : Marked For Review
Chosen Option : D

Q.14 Which of the following amplifier offers maximum efficiency?

- Ans
- A. Class AB
 - B. Class C
 - C. Class B
 - D. Class A

Question ID : 630680423498
Option 1 ID : 6306801652346
Option 2 ID : 6306801652345
Option 3 ID : 6306801652344
Option 4 ID : 6306801652343
Status : Answered
Chosen Option : B

Q.15 Grading is defined as the process of equalizing the _____ in the dielectric of the cable.

- Ans
- A. charge
 - B. stress
 - C. voltage
 - D. current

Question ID : 630680423439
Option 1 ID : 6306801652109
Option 2 ID : 6306801652110
Option 3 ID : 6306801652107
Option 4 ID : 6306801652108
Status : Answered
Chosen Option : B

Q.16 The colour of silica gel breather crystal is _____, but when it absorbs moisture, it becomes _____.

- Ans**
- A. green; yellow
 - B. dark blue; pink
 - C. light blue; brown
 - D. white; black

Question ID : **630680423530**
Option 1 ID : **6306801652473**
Option 2 ID : **6306801652471**
Option 3 ID : **6306801652474**
Option 4 ID : **6306801652472**
Status : **Answered**
Chosen Option : **B**

Q.17 A coil of metal wire with 10 turns is placed stationary in the uniform magnetic field of 0.1 Tesla. The emf induced in the coil will be _____.

- Ans**
- A. 10 V
 - B. 0 V
 - C. 100 V
 - D. 1 V

Question ID : **630680423414**
Option 1 ID : **6306801652008**
Option 2 ID : **6306801652010**
Option 3 ID : **6306801652007**
Option 4 ID : **6306801652009**
Status : **Marked For Review**
Chosen Option : **B**

Q.18 Which of the following types of load is called constant power load?

- Ans**
- A. Fan type load
 - B. Traction load
 - C. Linear load
 - D. Constant torque load

Question ID : **630680423529**
Option 1 ID : **6306801652468**
Option 2 ID : **6306801652469**
Option 3 ID : **6306801652467**
Option 4 ID : **6306801652470**
Status : **Not Answered**
Chosen Option : **--**

Q.19 _____ is a small particle revolving round the nucleus of an atom and having a negative electric charge.

- Ans
- A. Proton
 - B. Photon
 - C. Electron
 - D. Neutron

Question ID : 630680423390
Option 1 ID : 6306801651911
Option 2 ID : 6306801651914
Option 3 ID : 6306801651913
Option 4 ID : 6306801651912
Status : Answered
Chosen Option : C

Q.20 A series RC circuit has $R = 5\Omega$ and $X_C = 12\Omega$. The total impedance of the circuit is _____.

- Ans
- A. 8Ω
 - B. 10Ω
 - C. 13Ω
 - D. 17Ω

Question ID : 630680423446
Option 1 ID : 6306801652138
Option 2 ID : 6306801652137
Option 3 ID : 6306801652136
Option 4 ID : 6306801652135
Status : Answered
Chosen Option : C

Q.21 A shell type transformer has _____ yokes and _____ limb(s).

- Ans
- A. 2; 2
 - B. 2; 3
 - C. 1; 1
 - D. 1; 2

Question ID : 630680423456
Option 1 ID : 6306801652178
Option 2 ID : 6306801652177
Option 3 ID : 6306801652175
Option 4 ID : 6306801652176
Status : Answered
Chosen Option : B

Q.22 A Ward-Leonard system does NOT have a/an _____.

- Ans
- A. DC motor
 - B. AC motor
 - C. alternator
 - D. DC generator

Question ID : 630680423434
Option 1 ID : 6306801652088
Option 2 ID : 6306801652089
Option 3 ID : 6306801652090
Option 4 ID : 6306801652087
Status : Answered
Chosen Option : C

Q.23 Which of the following is a 5-layer, 3-terminal, bidirectional device used in AC power control?

- Ans
- A. TRIAC
 - B. SCR
 - C. IGBT
 - D. DIAC

Question ID : 630680423502
Option 1 ID : 6306801652360
Option 2 ID : 6306801652359
Option 3 ID : 6306801652362
Option 4 ID : 6306801652361
Status : Answered
Chosen Option : A

Q.24 In order to ensure longer life to cleat wiring systems, in no case the cleats should be used at intervals more than _____.

- Ans
- A. 80 cm
 - B. 60 cm
 - C. 20 cm
 - D. 100 cm

Question ID : 630680423504
Option 1 ID : 6306801652369
Option 2 ID : 6306801652368
Option 3 ID : 6306801652367
Option 4 ID : 6306801652370
Status : Answered
Chosen Option : B

Q.25 Calculate the resolution of a 3-digit 0 – 1 V digital voltmeter.

- Ans
- A. 0.0001
 - B. 0.01
 - C. 0.001
 - D. 0.1

Question ID : 630680423463
Option 1 ID : 6306801652206
Option 2 ID : 6306801652204
Option 3 ID : 6306801652205
Option 4 ID : 6306801652203
Status : Answered
Chosen Option : C

Q.26 If there are 48 conductors and 4 poles in a dc generator, then the pole pitch is _____.

- Ans
- A. 12
 - B. 18
 - C. 24
 - D. 6

Question ID : 630680423475
Option 1 ID : 6306801652252
Option 2 ID : 6306801652253
Option 3 ID : 6306801652251
Option 4 ID : 6306801652254
Status : Answered
Chosen Option : A

Q.27 In a RL circuit, resistance is 4Ω . Find the reactance of the coil if effective impedance of the RL circuit is 5Ω .

- Ans
- A. 4.5Ω
 - B. 2Ω
 - C. 3Ω
 - D. 9Ω

Question ID : 630680423510
Option 1 ID : 6306801652392
Option 2 ID : 6306801652394
Option 3 ID : 6306801652393
Option 4 ID : 6306801652391
Status : Answered
Chosen Option : C

Q.28 Which of the following is NOT correct for motor generator set?

- Ans
- A. DC output cannot be controlled
 - B. Higher maintenance requirement
 - C. Noisy operation
 - D. Low efficiency

Question ID : 630680423489
Option 1 ID : 6306801652310
Option 2 ID : 6306801652309
Option 3 ID : 6306801652307
Option 4 ID : 6306801652308
Status : Answered
Chosen Option : A

Q.29 Normally power is supplied in AC and not DC because

- Ans
- A. Large DC batteries are not available
 - B. DC is not in use nowadays
 - C. DC is more dangerous
 - D. AC transmission is easier

Question ID : 630680423442
Option 1 ID : 6306801652122
Option 2 ID : 6306801652121
Option 3 ID : 6306801652119
Option 4 ID : 6306801652120
Status : Answered
Chosen Option : D

Q.30 In a conventional two-winding transformer, the resistance between the primary and secondary winding is:

- Ans
- A. infinite
 - B. zero
 - C. 10 Ω
 - D. 1000 Ω

Question ID : 630680423512
Option 1 ID : 6306801652400
Option 2 ID : 6306801652399
Option 3 ID : 6306801652401
Option 4 ID : 6306801652402
Status : Answered
Chosen Option : A

Q.31 Which of the following is NOT an advantage of HRC fuse?

- Ans A. Need not to be replaced after each operation
- B. Noise free fusing operation
- C. Smoke free fusing
- D. Reasonably high speed operation

Question ID : 630680423490

Option 1 ID : 6306801652311

Option 2 ID : 6306801652313

Option 3 ID : 6306801652314

Option 4 ID : 6306801652312

Status : Answered

Chosen Option : A

Q.32 State whether the following statements are true or false in relation to transformer testing.

1. An open circuit test is conducted to determine copper losses.
2. A short circuit test is conducted to determine core losses.

- Ans A. Statement 1 is False; Statement 2 is True
- B. Statement 1 is False; Statement 2 is False
- C. Statement 1 is True; Statement 2 is False
- D. Statement 1 is True; Statement 2 is True

Question ID : 630680423514

Option 1 ID : 6306801652409

Option 2 ID : 6306801652410

Option 3 ID : 6306801652407

Option 4 ID : 6306801652408

Status : Answered

Chosen Option : B

Q.33 If brush drop is considered then voltage equation of dc motor becomes, (all notations have standard meaning).

- Ans A. $V - \text{Brush drop} = E_b + I_a R_a$
- B. $\text{Brush drop} = V + E_b + I_a R_a$
- C. $V = E_b + I_a R_a - \text{Brush drop}$
- D. $E_b = V + I_a R_a - \text{Brush drop}$

Question ID : 630680423429

Option 1 ID : 6306801652070

Option 2 ID : 6306801652069

Option 3 ID : 6306801652067

Option 4 ID : 6306801652068

Status : Answered

Chosen Option : A

Q.34 Which of the following is an example of fixed negative voltage regulator?

- Ans
- A. IC555
 - B. IC7912
 - C. IC7815
 - D. IC741

Question ID : 630680423458

Option 1 ID : 6306801652186

Option 2 ID : 6306801652185

Option 3 ID : 6306801652183

Option 4 ID : 6306801652184

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.35 A transformer in which the induced secondary voltage is the same as the source voltage given at the primary coil is called a/an _____.

- Ans
- A. step-down transformer
 - B. isolation transformer
 - C. autotransformer
 - D. step-up transformer

Question ID : 630680423450

Option 1 ID : 6306801652152

Option 2 ID : 6306801652153

Option 3 ID : 6306801652154

Option 4 ID : 6306801652151

Status : **Answered**

Chosen Option : B

Q.36 Which of the following part is NOT found in DC machine?

- Ans
- A. Armature winding
 - B. Auxiliary winding
 - C. Field winding
 - D. Yoke

Question ID : 630680423425

Option 1 ID : 6306801652054

Option 2 ID : 6306801652053

Option 3 ID : 6306801652052

Option 4 ID : 6306801652051

Status : **Answered**

Chosen Option : B

Q.37 Shunt is a _____ resistance path connected in _____ to the meter movement.

- Ans
- A. low; series
 - B. high; series
 - C. high; parallel
 - D. low; parallel

Question ID : 630680423465
Option 1 ID : 6306801652212
Option 2 ID : 6306801652214
Option 3 ID : 6306801652213
Option 4 ID : 6306801652211
Status : Answered
Chosen Option : D

Q.38 What will be the number of lamps, each having 200 lumens, required to obtain an average illuminance of 50 lux on a 4m × 3m rectangular room?

- Ans
- A. 2
 - B. 4
 - C. 6
 - D. 3

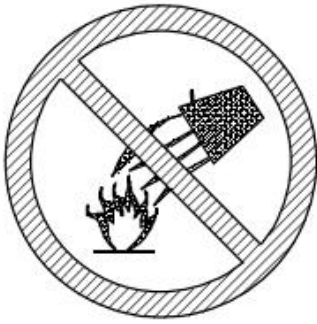
Question ID : 630680423517
Option 1 ID : 6306801652419
Option 2 ID : 6306801652421
Option 3 ID : 6306801652422
Option 4 ID : 6306801652420
Status : Answered
Chosen Option : D

Q.39 Which of the following cell is rechargeable?

- Ans
- A. Mercury cell
 - B. Nickel-iron cell
 - C. Voltaic cell
 - D. Leclanche cell

Question ID : 630680423407
Option 1 ID : 6306801651981
Option 2 ID : 6306801651982
Option 3 ID : 6306801651980
Option 4 ID : 6306801651979
Status : Answered
Chosen Option : B

Q.40 Following sign is classified under the category of:



- Ans
- A. Information sign
 - B. Mandatory sign
 - C. Prohibition sign
 - D. Warning sign

Question ID : 630680423385
 Option 1 ID : 6306801651891
 Option 2 ID : 6306801651892
 Option 3 ID : 6306801651894
 Option 4 ID : 6306801651893
 Status : Answered
 Chosen Option : C

Q.41 Which of the following tools is used for checking the presence of an electric supply?

- Ans
- A. Poker
 - B. Electrician's knife
 - C. Gimlet
 - D. Neon tester

Question ID : 630680423387
 Option 1 ID : 6306801651901
 Option 2 ID : 6306801651899
 Option 3 ID : 6306801651900
 Option 4 ID : 6306801651902
 Status : Answered
 Chosen Option : D

Q.42 Which of the following is NOT a valid type of touch method of magnetizing a material?

- Ans
- A. Single touch method
 - B. Indirect touch method
 - C. Double touch method
 - D. Divided touch method

Question ID : 630680423409
 Option 1 ID : 6306801651987
 Option 2 ID : 6306801651989
 Option 3 ID : 6306801651988
 Option 4 ID : 6306801651990
 Status : Answered
 Chosen Option : B

Q.43 Which of the following is NOT a valid coupling method in multistage amplifier?

- Ans
- A. Transformer coupling
 - B. Diode coupling
 - C. Direct coupling
 - D. RC coupling

Question ID : 630680423525
Option 1 ID : 6306801652452
Option 2 ID : 6306801652454
Option 3 ID : 6306801652451
Option 4 ID : 6306801652453
Status : Answered
Chosen Option : B

Q.44 Which of the following is the reason for choosing the earth as a place of zero electric potential?

- Ans
- A. It is non-conducting
 - B. It has almost constant potential
 - C. It offers maximum resistance
 - D. It can be charged and discharged easily

Question ID : 630680423441
Option 1 ID : 6306801652115
Option 2 ID : 6306801652116
Option 3 ID : 6306801652117
Option 4 ID : 6306801652118
Status : Answered
Chosen Option : B

Q.45 A supply of 160 V, 50 Hz is applied to a coil of 0.2 H inductance. Find the RMS value of current.

- Ans
- A. $\frac{16}{\pi}$
 - B. $\frac{4}{\pi}$
 - C. $\frac{2}{\pi}$
 - D. $\frac{8}{\pi}$

Question ID : 630680423511
Option 1 ID : 6306801652397
Option 2 ID : 6306801652396
Option 3 ID : 6306801652398
Option 4 ID : 6306801652395
Status : Answered
Chosen Option : D

Q.46 In power systems, using a/an _____, the surge current is lowered into the ground to provide security to the device.

- Ans**
- A. autotransformer
 - B. fuse
 - C. relay
 - D. lighting arrester

Question ID : 630680423492
Option 1 ID : 6306801652322
Option 2 ID : 6306801652319
Option 3 ID : 6306801652320
Option 4 ID : 6306801652321
Status : Answered
Chosen Option : D

Q.47 A resistor has a resistance of $100\ \Omega$ at 0°C and $125\ \Omega$ at 25°C . Find the value of the temperature coefficient of resistance.

- Ans**
- A. 0.01
 - B. 0.1
 - C. 0.0001
 - D. 0.001

Question ID : 630680423422
Option 1 ID : 6306801652040
Option 2 ID : 6306801652039
Option 3 ID : 6306801652042
Option 4 ID : 6306801652041
Status : Answered
Chosen Option : A

Q.48 A voltage source of $100\ \text{V}$ is connected in series with two resistors, $10\ \Omega$ and $30\ \Omega$, respectively. The voltage drop across $10\ \Omega$ resistor is _____.

- Ans**
- A. $75\ \text{V}$
 - B. $25\ \text{V}$
 - C. $100\ \text{V}$
 - D. $50\ \text{V}$

Question ID : 630680423506
Option 1 ID : 6306801652377
Option 2 ID : 6306801652375
Option 3 ID : 6306801652378
Option 4 ID : 6306801652376
Status : Answered
Chosen Option : B

Q.49 While laying underground cables, the width of a trench for a single cable should NOT be less than _____.

- Ans**
- A. 35 cm
 - B. 15 cm
 - C. 100 cm
 - D. 5 cm

Question ID : 630680423398
Option 1 ID : 6306801651945
Option 2 ID : 6306801651944
Option 3 ID : 6306801651946
Option 4 ID : 6306801651943
Status : Answered
Chosen Option : A

Q.50 Maximum permissible temperature for class B insulation materials is _____.

- Ans**
- A. 100° C
 - B. 110° C
 - C. 130° C
 - D. 155° C

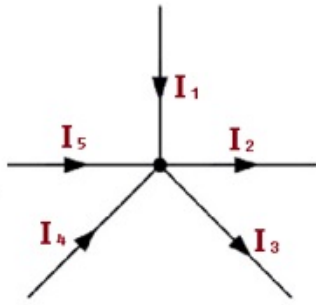
Question ID : 630680423436
Option 1 ID : 6306801652095
Option 2 ID : 6306801652096
Option 3 ID : 6306801652097
Option 4 ID : 6306801652098
Status : Answered
Chosen Option : C

Q.51 For an induction motor having 20 HP rating, which of the following starters is recommended?

- Ans**
- A. Autotransformer starter
 - B. Two-point starter
 - C. Direct-on-line starter
 - D. Star-delta starter

Question ID : 630680423485
Option 1 ID : 6306801652293
Option 2 ID : 6306801652291
Option 3 ID : 6306801652292
Option 4 ID : 6306801652294
Status : Marked For Review
Chosen Option : A

Q.52 For the following diagram, if $I_1 = I_2 = I_4 = I_5 = 2\text{ A}$, then find I_3 .



- Ans
- A. 4 A
 - B. 8 A
 - C. 2 A
 - D. 6 A

Question ID : 630680423403
 Option 1 ID : 6306801651964
 Option 2 ID : 6306801651966
 Option 3 ID : 6306801651963
 Option 4 ID : 6306801651965
 Status : Answered
 Chosen Option : A

Q.53 A liquid fuse contains _____

- Ans
- A. Sulphur hexafluoride
 - B. Salt water
 - C. Carbon tetrachloride
 - D. Oil

Question ID : 630680423491
 Option 1 ID : 6306801652318
 Option 2 ID : 6306801652315
 Option 3 ID : 6306801652316
 Option 4 ID : 6306801652317
 Status : Answered
 Chosen Option : C

Q.54 For a balanced delta connection, the ratio of the phase current to the line current is _____.

- Ans
- A. $2\sqrt{3}$
 - B. 3
 - C. $\frac{1}{\sqrt{3}}$
 - D. $\sqrt{3}$

Question ID : 630680423448
 Option 1 ID : 6306801652146
 Option 2 ID : 6306801652145
 Option 3 ID : 6306801652143
 Option 4 ID : 6306801652144
 Status : Answered
 Chosen Option : C

Q.55 In any practical parallel RLC circuit, at resonant frequency, the impedance is _____ and the current is _____.

- Ans
- A. infinite; zero
 - B. zero; infinite
 - C. maximum; minimum
 - D. minimum; maximum

Question ID : 630680423447
Option 1 ID : 6306801652142
Option 2 ID : 6306801652141
Option 3 ID : 6306801652139
Option 4 ID : 6306801652140
Status : Answered
Chosen Option : C

Q.56 In a two-stage amplifier, if the input impedance of the second stage decreases, the voltage gain of the first stage will _____.

- Ans
- A. remain the same
 - B. decrease
 - C. increase
 - D. become zero

Question ID : 630680423523
Option 1 ID : 6306801652444
Option 2 ID : 6306801652445
Option 3 ID : 6306801652446
Option 4 ID : 6306801652443
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.57 In a three-phase full-wave bridge-controlled rectifier, how many SCRs are required?

- Ans
- A. 12
 - B. 6
 - C. 2
 - D. 3

Question ID : 630680423503
Option 1 ID : 6306801652366
Option 2 ID : 6306801652365
Option 3 ID : 6306801652363
Option 4 ID : 6306801652364
Status : Answered
Chosen Option : A

Q.58 A two-point starter can be used for starting a _____.

- Ans A. DC series motor
 B. synchronous motor
 C. DC shunt wound motor
 D. DC compound motor

Question ID : 630680423433
Option 1 ID : 6306801652083
Option 2 ID : 6306801652086
Option 3 ID : 6306801652084
Option 4 ID : 6306801652085
Status : Answered
Chosen Option : A

Q.59 Which of the following materials will NOT create a hysteresis loop?

- Ans A. Chromium
 B. Nickel
 C. Iron
 D. Cobalt

Question ID : 630680423417
Option 1 ID : 6306801652020
Option 2 ID : 6306801652021
Option 3 ID : 6306801652019
Option 4 ID : 6306801652022
Status : Answered
Chosen Option : A

Q.60 Which of the following insulating material is rarely used in cables?

- Ans A. Impregnated paper
 B. Polyvinyl chloride
 C. Wood
 D. Rubber

Question ID : 630680423397
Option 1 ID : 6306801651941
Option 2 ID : 6306801651940
Option 3 ID : 6306801651942
Option 4 ID : 6306801651939
Status : Answered
Chosen Option : C

Q.61 For a simplex lap wound DC generator, the generated emf is given by the formula _____.

Ans

A. $E = \frac{PZN\phi}{120}$

B. $E = \frac{PZN\phi}{60}$

C. $E = \frac{ZN\phi}{60}$

D. $E = \frac{ZN\phi}{120}$

Question ID : 630680423426

Option 1 ID : 6306801652058

Option 2 ID : 6306801652057

Option 3 ID : 6306801652055

Option 4 ID : 6306801652056

Status : Answered

Chosen Option : C

Q.62 To reduce the speed of universal motor, _____ is used.

Ans

A. brake

B. belt

C. M-G set

D. gearing

Question ID : 630680423487

Option 1 ID : 6306801652299

Option 2 ID : 6306801652301

Option 3 ID : 6306801652302

Option 4 ID : 6306801652300

Status : Answered

Chosen Option : D

Q.63 Which of the following starters used for induction motors is also referred to as full voltage starting?

Ans

A. Two-point starter

B. Face plate starter

C. Direct-on-line starter

D. Star-delta starter

Question ID : 630680423483

Option 1 ID : 6306801652283

Option 2 ID : 6306801652285

Option 3 ID : 6306801652284

Option 4 ID : 6306801652286

Status : Answered

Chosen Option : C

Q.64 Which of the following law/rule is due to conservation of energy?

- Ans
- A. Fleming's left-hand rule
 - B. Maxwell's rule
 - C. Lenz's law
 - D. Fleming's right-hand rule

Question ID : 630680423413
Option 1 ID : 6306801652006
Option 2 ID : 6306801652004
Option 3 ID : 6306801652003
Option 4 ID : 6306801652005
Status : Answered
Chosen Option : C

Q.65 Which of the following force is not necessary for the satisfactory operation of indicating instrument?

- Ans
- A. Gravitational force
 - B. Controlling force
 - C. Deflecting force
 - D. Damping force

Question ID : 630680423459
Option 1 ID : 6306801652190
Option 2 ID : 6306801652189
Option 3 ID : 6306801652187
Option 4 ID : 6306801652188
Status : Answered
Chosen Option : A

Q.66 Which of the following place has maximum illumination lux requirement?

- Ans
- A. Sewing room
 - B. Corridor
 - C. Kitchen
 - D. Stairs

Question ID : 630680423474
Option 1 ID : 6306801652247
Option 2 ID : 6306801652249
Option 3 ID : 6306801652248
Option 4 ID : 6306801652250
Status : Answered
Chosen Option : A

Q.67 Which of the following is a thermal property of insulating material?

- Ans
- A. Dielectric strength
 - B. Heat resistance
 - C. Appearance
 - D. Colour

Question ID : 630680423435
Option 1 ID : 6306801652094
Option 2 ID : 6306801652091
Option 3 ID : 6306801652093
Option 4 ID : 6306801652092
Status : Answered
Chosen Option : B

Q.68 Which of the following point is not in-line with the key aims of first aid?

- Ans
- A. Provide financial assistance
 - B. Promote recovery
 - C. Preserve life
 - D. Prevent further harm

Question ID : 630680423386
Option 1 ID : 6306801651895
Option 2 ID : 6306801651898
Option 3 ID : 6306801651896
Option 4 ID : 6306801651897
Status : Answered
Chosen Option : A

Q.69 For a silicon-controlled rectifier, the _____.

- Ans
- A. Latching current is always less than holding current
 - B. Holding current is always zero or negative
 - C. Latching current is always greater than holding current
 - D. Latching current is always zero or negative

Question ID : 630680423501
Option 1 ID : 6306801652356
Option 2 ID : 6306801652358
Option 3 ID : 6306801652355
Option 4 ID : 6306801652357
Status : Answered
Chosen Option : C

Q.70 How many transistors are required in basic class B push-pull power amplifier?

- Ans A. 4
 B. 2
 C. 3
 D. 1

Question ID : 630680423497

Option 1 ID : 6306801652342

Option 2 ID : 6306801652340

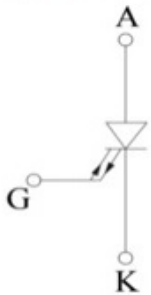
Option 3 ID : 6306801652341

Option 4 ID : 6306801652339

Status : Answered

Chosen Option : B

Q.71 Identify the device shown in following symbol:



- Ans A. GTO
 B. DIAC
 C. SCR
 D. UJT

Question ID : 630680423500

Option 1 ID : 6306801652354

Option 2 ID : 6306801652352

Option 3 ID : 6306801652351

Option 4 ID : 6306801652353

Status : Answered

Chosen Option : A

Q.72 Which of the following figure is a symbol of tunnel diode?



Fig(a)



Fig(b)



Fig(c)



Fig(d)

Ans A. Fig. (d)

B. Fig. (a)

C. Fig. (b)

D. Fig. (c)

Question ID : 630680423495

Option 1 ID : 6306801652334

Option 2 ID : 6306801652331

Option 3 ID : 6306801652332

Option 4 ID : 6306801652333

Status : Answered

Chosen Option : A

Q.73 For lath machines, which of the following motor is preferred?

Ans A. DC series motor

B. Stepper motor

C. Synchronous motor

D. DC shunt motor

Question ID : 630680423431

Option 1 ID : 6306801652076

Option 2 ID : 6306801652077

Option 3 ID : 6306801652078

Option 4 ID : 6306801652075

Status : Answered

Chosen Option : D

Q.74 When a V-V system is converted into a Δ - Δ system, the capacity of the system increases by _____.

- Ans
- A. 66.7 %
 - B. 86.6 %
 - C. 73.2 %
 - D. 50 %

Question ID : 630680423455
Option 1 ID : 6306801652172
Option 2 ID : 6306801652174
Option 3 ID : 6306801652173
Option 4 ID : 6306801652171
Status : Answered
Chosen Option : C

Q.75 For which diode following symbol is used?



- Ans
- A. Varactor diode
 - B. PIN diode
 - C. Schottky diode
 - D. Tunnel diode

Question ID : 630680423494
Option 1 ID : 6306801652330
Option 2 ID : 6306801652329
Option 3 ID : 6306801652328
Option 4 ID : 6306801652327
Status : Answered
Chosen Option : A

Q.76 What is the starting torque of 3-phase synchronous motor?

- Ans
- A. Zero
 - B. Very high
 - C. Low
 - D. Infinity

Question ID : 630680423479
Option 1 ID : 6306801652268
Option 2 ID : 6306801652270
Option 3 ID : 6306801652269
Option 4 ID : 6306801652267
Status : Answered
Chosen Option : A

Q.77 In case of dc series motor the diverter resistance kept in _____ with series field winding and with the increase of diverter resistance the speed of the motor _____.

- Ans**
- A. parallel; decreases
 - B. series; increases
 - C. parallel; increases
 - D. series; decreases

Question ID : 630680423428
Option 1 ID : 6306801652065
Option 2 ID : 6306801652066
Option 3 ID : 6306801652063
Option 4 ID : 6306801652064
Status : Answered
Chosen Option : A

Q.78 Which coupling offers excellent impedance matching characteristic in transistor amplifiers?

- Ans**
- A. Direct coupling
 - B. RC coupling
 - C. Transformer coupling
 - D. Inductive coupling

Question ID : 630680423526
Option 1 ID : 6306801652456
Option 2 ID : 6306801652458
Option 3 ID : 6306801652457
Option 4 ID : 6306801652455
Status : Answered
Chosen Option : C

Q.79 If 18 A current is passing through a parallel connection of three resistors having same resistance value 'R', the current in each resistor will be _____.

- Ans**
- A. 3 A
 - B. 6 A
 - C. 18 A
 - D. 9 A

Question ID : 630680423505
Option 1 ID : 6306801652371
Option 2 ID : 6306801652372
Option 3 ID : 6306801652374
Option 4 ID : 6306801652373
Status : Answered
Chosen Option : B

Q.80 In drilling machine, _____ is the part that fits into the slot of the drilling machine spindle.

- Ans**
- A. web
 - B. tang
 - C. land
 - D. flute

Question ID : **630680423389**
Option 1 ID : **6306801651909**
Option 2 ID : **6306801651907**
Option 3 ID : **6306801651908**
Option 4 ID : **6306801651910**
Status : **Not Answered**
Chosen Option : --

Q.81 A 220 V, 50 Hz, 4-pole induction motor runs with 4 % slip. Find the actual speed of motor.

- Ans**
- A. 1260 rpm
 - B. 1440 rpm
 - C. 1340 rpm
 - D. 1400 rpm

Question ID : **630680423519**
Option 1 ID : **6306801652427**
Option 2 ID : **6306801652430**
Option 3 ID : **6306801652428**
Option 4 ID : **6306801652429**
Status : **Answered**
Chosen Option : **B**

Q.82 The external resistance inserted in the movement circuit for increasing the voltage range is called a _____.

- Ans**
- A. diverter
 - B. shunt
 - C. multiplier
 - D. buffer

Question ID : **630680423461**
Option 1 ID : **6306801652196**
Option 2 ID : **6306801652197**
Option 3 ID : **6306801652195**
Option 4 ID : **6306801652198**
Status : **Answered**
Chosen Option : **C**

Q.83 In induction motor, the primary purpose of using a starter is:

- Ans
- A. to reduce starting current
 - B. to reduce the torque
 - C. to increase starting current
 - D. to increase the torque

Question ID : 630680423518
Option 1 ID : 6306801652424
Option 2 ID : 6306801652425
Option 3 ID : 6306801652423
Option 4 ID : 6306801652426
Status : Answered
Chosen Option : A

Q.84 For a given stepper motor, the speed of rotation depends on

- Ans
- A. Supply current
 - B. Stepping frequency
 - C. Supply voltage
 - D. Load

Question ID : 630680423486
Option 1 ID : 6306801652298
Option 2 ID : 6306801652295
Option 3 ID : 6306801652297
Option 4 ID : 6306801652296
Status : Answered
Chosen Option : D

Q.85 Miniature circuit Breakers are _____ devices which protect an electrical circuit from _____.

- Ans
- A. electromechanical; overcurrent
 - B. mechanical; overvoltage
 - C. electrical; overcurrent
 - D. electromechanical; overvoltage

Question ID : 630680423437
Option 1 ID : 6306801652102
Option 2 ID : 6306801652099
Option 3 ID : 6306801652100
Option 4 ID : 6306801652101
Status : Answered
Chosen Option : A

Q.86 Which of the following can be considered as the most important feature of universal motor?

- Ans**
- A. Constant speed at all loads
 - B. Best performance at 50 Hz supply
 - C. Best performance on DC supply
 - D. Highest output kW/kg ratio

Question ID : 630680423488

Option 1 ID : 6306801652306

Option 2 ID : 6306801652303

Option 3 ID : 6306801652304

Option 4 ID : 6306801652305

Status : Answered

Chosen Option : D

Q.87 For temporary events and installations, which type of wiring is preferred?

- Ans**
- A. CTS wiring
 - B. Cleat wiring
 - C. Conduit wiring
 - D. Lead sheathed wiring

Question ID : 630680423438

Option 1 ID : 6306801652104

Option 2 ID : 6306801652103

Option 3 ID : 6306801652106

Option 4 ID : 6306801652105

Status : Answered

Chosen Option : B

Q.88 As compared to squirrel-cage induction motor which of the following is wrong for slip ring induction motor?

- Ans**
- A. Higher cost
 - B. Higher maintenance cost due to presence of brushes
 - C. Higher starting current
 - D. Higher rotor copper losses

Question ID : 630680423481

Option 1 ID : 6306801652276

Option 2 ID : 6306801652278

Option 3 ID : 6306801652277

Option 4 ID : 6306801652275

Status : Answered

Chosen Option : C

Q.89 Sodium vapour lamp is suitable for _____.

- Ans
- A. Bathroom lighting
 - B. Highway lighting
 - C. Bedroom lighting
 - D. Photography

Question ID : 630680423473
Option 1 ID : 6306801652246
Option 2 ID : 6306801652244
Option 3 ID : 6306801652243
Option 4 ID : 6306801652245
Status : Answered
Chosen Option : B

Q.90 How many electrons will be there in the outermost shell of a copper atom?

- Ans
- A. 1
 - B. 3
 - C. 2
 - D. 4

Question ID : 630680423391
Option 1 ID : 6306801651915
Option 2 ID : 6306801651917
Option 3 ID : 6306801651916
Option 4 ID : 6306801651918
Status : Answered
Chosen Option : A

Q.91 State whether the following statements are true or false.

1. An isolation transformer can block the DC signal.
2. An isolation transformer can block interference caused by the ground loop.

- Ans
- A. Statement 1 is True; Statement 2 is True
 - B. Statement 1 is False; Statement 2 is True
 - C. Statement 1 is False; Statement 2 is False
 - D. Statement 1 is True; Statement 2 is False

Question ID : 630680423452
Option 1 ID : 6306801652160
Option 2 ID : 6306801652162
Option 3 ID : 6306801652161
Option 4 ID : 6306801652159
Status : Not Answered
Chosen Option : --

Q.92 Which of the following fluxes is the most suitable for the soldering of galvanised iron?

- Ans
- A. Rosin
 - B. Turpentine
 - C. Diluted Hydrochloric acid
 - D. Paraffin wax

Question ID : 630680423396
Option 1 ID : 6306801651938
Option 2 ID : 6306801651937
Option 3 ID : 6306801651936
Option 4 ID : 6306801651935
Status : Answered
Chosen Option : C

Q.93 In a star-delta starter the starting current is reduced to _____ original current.

- Ans
- A. $\frac{1}{3}$ times
 - B. $\frac{1}{2}$ times
 - C. $\frac{1}{\sqrt{2}}$ times
 - D. $\frac{1}{\sqrt{3}}$ times

Question ID : 630680423484
Option 1 ID : 6306801652290
Option 2 ID : 6306801652289
Option 3 ID : 6306801652287
Option 4 ID : 6306801652288
Status : Answered
Chosen Option : D

Q.94 If the load on a DC shunt motor is slightly increased, _____

- Ans
- A. the speed will reduce
 - B. the speed will remain almost constant
 - C. the speed will increase abruptly
 - D. the speed will increase linearly

Question ID : 630680423509
Option 1 ID : 6306801652387
Option 2 ID : 6306801652390
Option 3 ID : 6306801652388
Option 4 ID : 6306801652389
Status : Marked For Review
Chosen Option : B

Q.95 In a magnetic circuit, if the length of the magnetic path is doubled and the cross-sectional area is halved, what will be the effect on reluctance?

- Ans**
- A. Reluctance will be doubled
 - B. Reluctance will remain same
 - C. Reluctance will be halved
 - D. Reluctance will be four times

Question ID : 630680423416
Option 1 ID : 6306801652017
Option 2 ID : 6306801652015
Option 3 ID : 6306801652016
Option 4 ID : 6306801652018
Status : Answered
Chosen Option : D

Q.96 In a synchronous motor, the magnitude of stator back emf depends on _____ only.

- Ans**
- A. DC excitation
 - B. Speed
 - C. Load
 - D. Supply frequency

Question ID : 630680423480
Option 1 ID : 6306801652274
Option 2 ID : 6306801652272
Option 3 ID : 6306801652273
Option 4 ID : 6306801652271
Status : Answered
Chosen Option : A

Q.97 Which of the following device can serve as a voltage regulator?

- Ans**
- A. Zener diode
 - B. Tunnel diode
 - C. Photo diode
 - D. Varactor diode

Question ID : 630680423457
Option 1 ID : 6306801652182
Option 2 ID : 6306801652181
Option 3 ID : 6306801652180
Option 4 ID : 6306801652179
Status : Answered
Chosen Option : A

Q.98 Calculate the sensitivity of a 200 μA meter movement which is to be used as a DC voltmeter.

- Ans
- A. 2.5 $\text{k}\Omega/\text{V}$
 - B. 5 $\text{k}\Omega/\text{V}$
 - C. 7.5 $\text{k}\Omega/\text{V}$
 - D. 10 $\text{k}\Omega/\text{V}$

Question ID : 630680423464
Option 1 ID : 6306801652207
Option 2 ID : 6306801652208
Option 3 ID : 6306801652209
Option 4 ID : 6306801652210
Status : Answered
Chosen Option : B

Q.99 The time phase difference in split phase induction motor is of the order of _____.

- Ans
- A. 90°
 - B. 0°
 - C. 60°
 - D. 30°

Question ID : 630680423482
Option 1 ID : 6306801652282
Option 2 ID : 6306801652279
Option 3 ID : 6306801652281
Option 4 ID : 6306801652280
Status : Answered
Chosen Option : A

Q.100 Tri-vector meter is the true _____ quadrant meter.

- Ans
- A. Single
 - B. Two
 - C. Four
 - D. Three

Question ID : 630680423467
Option 1 ID : 6306801652219
Option 2 ID : 6306801652220
Option 3 ID : 6306801652222
Option 4 ID : 6306801652221
Status : Not Answered
Chosen Option : --

Q.101 Which of the following rules/laws is used to determine the direction of the magnetic field around a straight current-carrying conductor?

- Ans
- A. Ampere's law
 - B. Kramer's rule
 - C. Maxwell's cork screw rule
 - D. Faraday's law

Question ID : 630680423410
Option 1 ID : 6306801651994
Option 2 ID : 6306801651991
Option 3 ID : 6306801651992
Option 4 ID : 6306801651993
Status : Answered
Chosen Option : C

Q.102 Which of the following is NOT a valid use of mallet?

- Ans
- A. Bending thin metal sheet
 - B. Driving firmer chisel
 - C. Straightening thin metal sheet
 - D. Fixing nails

Question ID : 630680423388
Option 1 ID : 6306801651906
Option 2 ID : 6306801651903
Option 3 ID : 6306801651905
Option 4 ID : 6306801651904
Status : Answered
Chosen Option : B

Q.103 A 250 V lamp has a total flux of 1800 lumens and takes a current of 0.4 A. Calculate Lumen/Watt.

- Ans
- A. 16
 - B. 18
 - C. 12
 - D. 15

Question ID : 630680423472
Option 1 ID : 6306801652240
Option 2 ID : 6306801652239
Option 3 ID : 6306801652242
Option 4 ID : 6306801652241
Status : Answered
Chosen Option : B

Q.104 Which of the following statement is CORRECT for transformer?

Ans A.

It works on the faraday's laws of electromagnetic induction

- B. Primary and secondary voltages are always same
- C. It amplifies the power
- D. The frequency in primary and secondary are different

Question ID : 630680423449

Option 1 ID : 6306801652150

Option 2 ID : 6306801652147

Option 3 ID : 6306801652148

Option 4 ID : 6306801652149

Status : Answered

Chosen Option : A

Q.105 What is the percentage of water in the electrolyte of a lead acid battery, in a fully charged condition?

Ans A. 85 %

B. 41 %

C. 61 %

D. 75 %

Question ID : 630680423406

Option 1 ID : 6306801651978

Option 2 ID : 6306801651975

Option 3 ID : 6306801651976

Option 4 ID : 6306801651977

Status : Not Answered

Chosen Option : --

Q.106 The voltage rating of belted cable is up to _____.

Ans A. 33 kV

B. 66 kV

C. 11 kV

D. 132 kV

Question ID : 630680423400

Option 1 ID : 6306801651952

Option 2 ID : 6306801651953

Option 3 ID : 6306801651951

Option 4 ID : 6306801651954

Status : Answered

Chosen Option : A

Q.107 On a colour coded resistor, the tolerance band is of silver colour. What could be the percentage variation in the resistance value?

- Ans
- A. $\pm 5\%$
 - B. $\pm 1\%$
 - C. $\pm 2\%$
 - D. $\pm 10\%$

Question ID : 630680423420
Option 1 ID : 6306801652033
Option 2 ID : 6306801652031
Option 3 ID : 6306801652032
Option 4 ID : 6306801652034
Status : Answered
Chosen Option : D

Q.108 What is the capacitance of a capacitor that requires 0.5 C to charge it to 25V?

- Ans
- A. 2.0 F
 - B. 0.2 F
 - C. 0.02 F
 - D. 0.002 F

Question ID : 630680423419
Option 1 ID : 6306801652027
Option 2 ID : 6306801652028
Option 3 ID : 6306801652029
Option 4 ID : 6306801652030
Status : Answered
Chosen Option : C

Q.109 In an electric circuit, 40 mA current is passing through a resistor of 250 Ω . Find the voltage drop across the resistor.

- Ans
- A. 10 V
 - B. 100 V
 - C. 1000 V
 - D. 1 V

Question ID : 630680423392
Option 1 ID : 6306801651920
Option 2 ID : 6306801651921
Option 3 ID : 6306801651922
Option 4 ID : 6306801651919
Status : Answered
Chosen Option : A

Q.110 Which of the following is TRUE for parallel resistive circuit?

- Ans
- A. Conductances are additive
 - B. Same current flows in all branches
 - C. Different resistors have different voltage drops
 - D. Resistances are additive

Question ID : 630680423508
Option 1 ID : 6306801652385
Option 2 ID : 6306801652383
Option 3 ID : 6306801652386
Option 4 ID : 6306801652384
Status : Answered
Chosen Option : A

Q.111 Which of the following is the true advantage of an autotransformer as compared to a two-winding transformer?

- Ans
- A. Isolation exists between primary and secondary coils
 - B. Copper losses are negligible.
 - C. Hysteresis losses are eliminated.
 - D. Saving occurs in the winding material.

Question ID : 630680423513
Option 1 ID : 6306801652406
Option 2 ID : 6306801652404
Option 3 ID : 6306801652403
Option 4 ID : 6306801652405
Status : Answered
Chosen Option : D

Q.112 Which of the following statements is INCORRECT for transistors?

- Ans
- A. Base is the most heavily doped region in transistor.
 - B. The size of collector is larger than base and emitter.
 - C. Transistor is a 3-layer, 3-terminal device.
 - D.

In transistor symbol, the terminal with arrow on it is called emitter.

Question ID : 630680423496
Option 1 ID : 6306801652338
Option 2 ID : 6306801652336
Option 3 ID : 6306801652335
Option 4 ID : 6306801652337
Status : Answered
Chosen Option : A

Q.113 Which of the following is NOT a type of low voltage fuse?

- Ans
- A. Striker type
 - B. Cartridge type
 - C. Rewireable type
 - D. Expulsion type

Question ID : 630680423404
Option 1 ID : 6306801651969
Option 2 ID : 6306801651968
Option 3 ID : 6306801651967
Option 4 ID : 6306801651970
Status : Answered
Chosen Option : B

Q.114 The peak-to-peak value of a sinusoidal voltage is $250\sqrt{2}$ V. Find the value of RMS voltage.

- Ans
- A. 250 V
 - B. 62.5 V
 - C. 125 V
 - D. 500 V

Question ID : 630680423445
Option 1 ID : 6306801652132
Option 2 ID : 6306801652134
Option 3 ID : 6306801652133
Option 4 ID : 6306801652131
Status : Answered
Chosen Option : C

Q.115 Which of the following terminals is absent in a three-point starter?

- Ans
- A. Armature terminal
 - B. Field terminal
 - C. No voltage coil terminal
 - D. Line terminal

Question ID : 630680423432
Option 1 ID : 6306801652079
Option 2 ID : 6306801652080
Option 3 ID : 6306801652081
Option 4 ID : 6306801652082
Status : Answered
Chosen Option : C

Q.116 The coil of a moving coil voltmeter is 40 mm long and 30 mm wide and has 200 turns. A flux density of 1 Wb/m^2 is produced in the gap when a current of 10 A flows through the coil. What is the corresponding deflecting torque produced?

- Ans
- A. 3.6 N-m
 - B. 4.8 N-m
 - C. 1.2 N-m
 - D. 2.4 N-m

Question ID : 630680423460
Option 1 ID : 6306801652193
Option 2 ID : 6306801652194
Option 3 ID : 6306801652192
Option 4 ID : 6306801652191
Status : Answered
Chosen Option : D

Q.117 In a circuit, the voltage drop across a resistor is measured as 15 V, when the current passing through it is 200 mA. Calculate the value of the resistance.

- Ans
- A. 75 Ω
 - B. 750 Ω
 - C. 300 Ω
 - D. 30 Ω

Question ID : 630680423402
Option 1 ID : 6306801651961
Option 2 ID : 6306801651962
Option 3 ID : 6306801651960
Option 4 ID : 6306801651959
Status : Answered
Chosen Option : A

Q.118 In a transformer the number of turns per volt is 8. The primary voltage is 110V. Find the number of primary and secondary turns in transformer if V_2 is to be 25 volts.

- Ans
- A. Primary turns = 800, Secondary turns = 280
 - B. Primary turns = 880, Secondary turns = 200
 - C. Primary turns = 280, Secondary turns = 800
 - D. Primary turns = 200, Secondary turns = 880

Question ID : 630680423453
Option 1 ID : 6306801652165
Option 2 ID : 6306801652163
Option 3 ID : 6306801652166
Option 4 ID : 6306801652164
Status : Answered
Chosen Option : B

Q.119 The illumination at a point 5 metres below a lamp is 8 lux. The candle power of the lamp is:

- Ans A. 40
 B. 200
 C. 80
 D. 160

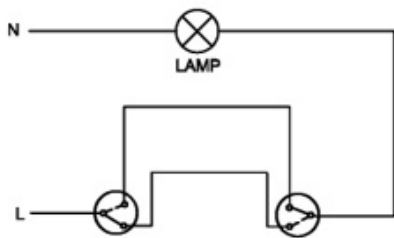
Question ID : 630680423516
 Option 1 ID : 6306801652415
 Option 2 ID : 6306801652418
 Option 3 ID : 6306801652416
 Option 4 ID : 6306801652417
 Status : Answered
 Chosen Option : B

Q.120 What is the relationship between the pitch factor (K_p), distribution factor (K_d) and winding factor (K_w) in a three-phase synchronous machine?

- Ans A. $K_w = K_p - K_d$
 B. $K_w = K_p + K_d$
 C. $K_w = K_p \times K_d$
 D. $K_w = K_p + K_d$

Question ID : 630680423477
 Option 1 ID : 6306801652260
 Option 2 ID : 6306801652259
 Option 3 ID : 6306801652261
 Option 4 ID : 6306801652262
 Status : Answered
 Chosen Option : C

Q.121 Identify the wiring scheme in following figure:



- Ans A. Tunnel
 B. Hostel
 C. Staircase
 D. Godown

Question ID : 630680423405
 Option 1 ID : 6306801651973
 Option 2 ID : 6306801651972
 Option 3 ID : 6306801651971
 Option 4 ID : 6306801651974
 Status : Answered
 Chosen Option : C

Q.122 A 4-pole DC generator has 100 turns in armature winding. The emf generated in open circuit is 220 V. If the speed is 600 rpm and the armature is wave wound, calculate the useful flux per pole.

- Ans A. 0.055 Wb
 B. 0.55 Wb
 C. 1.1 Wb
 D. 0.11 Wb

Question ID : 630680423427
Option 1 ID : 6306801652060
Option 2 ID : 6306801652062
Option 3 ID : 6306801652061
Option 4 ID : 6306801652059
Status : Answered
Chosen Option : D

Q.123 In DC machines, the direction of the produced torque can be found by the _____.

- Ans A. Fleming's left-hand rule
 B. Lenz's law
 C. Faraday's second law
 D. Ampere's law

Question ID : 630680423423
Option 1 ID : 6306801652043
Option 2 ID : 6306801652045
Option 3 ID : 6306801652044
Option 4 ID : 6306801652046
Status : Answered
Chosen Option : A

Q.124 Metal halide lamps are best suited for the lighting of the _____.

- Ans A. international sports arena
 B. bathroom
 C. library
 D. kitchen

Question ID : 630680423515
Option 1 ID : 6306801652411
Option 2 ID : 6306801652414
Option 3 ID : 6306801652413
Option 4 ID : 6306801652412
Status : Answered
Chosen Option : A

Q.125 Which of the following rule/law is used in DC generators?

- Ans
- A. Kelvin's law
 - B. Fleming's left-hand rule
 - C. Fleming's right-hand rule
 - D. Lambert's law

Question ID : 630680423412
Option 1 ID : 6306801652001
Option 2 ID : 6306801651999
Option 3 ID : 6306801652000
Option 4 ID : 6306801652002
Status : Answered
Chosen Option : C

Q.126 In digital storage oscilloscopes, the waveform reconstruction can be with _____ interpolation.

- Ans
- A. Linear or sinusoidal
 - B. Triangular or exponential
 - C. Sinusoidal or square
 - D. Square or exponential

Question ID : 630680423468
Option 1 ID : 6306801652224
Option 2 ID : 6306801652225
Option 3 ID : 6306801652226
Option 4 ID : 6306801652223
Status : Not Answered
Chosen Option : --

Q.127 In a 3-phase, 6-pole star connected alternator, the stator has 60 slots and 12 conductors per slot. Find the number of stator conductors per phase.

- Ans
- A. 720
 - B. 360
 - C. 240
 - D. 120

Question ID : 630680423478
Option 1 ID : 6306801652266
Option 2 ID : 6306801652265
Option 3 ID : 6306801652264
Option 4 ID : 6306801652263
Status : Answered
Chosen Option : C

Q.128 Which of the following is NOT an advantage of impregnated paper as insulating material?

- Ans
- A. Low capacitance
 - B. High insulation resistance
 - C. Low dielectric strength
 - D. Low cost

Question ID : 630680423399
Option 1 ID : 6306801651948
Option 2 ID : 6306801651949
Option 3 ID : 6306801651950
Option 4 ID : 6306801651947
Status : Answered
Chosen Option : C

Q.129 Which of the following is an application of a PN-junction diode?

- Ans
- A. Clipper
 - B. Oscillator
 - C. Condenser
 - D. Amplifier

Question ID : 630680423520
Option 1 ID : 6306801652431
Option 2 ID : 6306801652433
Option 3 ID : 6306801652434
Option 4 ID : 6306801652432
Status : Answered
Chosen Option : A

Q.130 In a single-phase induction type energy meter, a C-shaped permanent magnet is a part of the _____.

- Ans
- A. registering system
 - B. moving system
 - C. breaking system
 - D. driving system

Question ID : 630680423462
Option 1 ID : 6306801652199
Option 2 ID : 6306801652202
Option 3 ID : 6306801652201
Option 4 ID : 6306801652200
Status : Answered
Chosen Option : C

Q.131 What is the main function of flux in soldering?

- Ans
- A. To melt the metals
 - B. To remove the oxides
 - C. To reduce the cost
 - D. To shine the solder joint

Question ID : 630680423394

Option 1 ID : 6306801651929

Option 2 ID : 6306801651927

Option 3 ID : 6306801651930

Option 4 ID : 6306801651928

Status : Answered

Chosen Option : B

Q.132 If there are 20 turns in the secondary coil having a current range of 5 A, this current transformer could measure a primary current of _____.

- Ans
- A. 20 A
 - B. 5 A
 - C. 50 A
 - D. 100 A

Question ID : 630680423451

Option 1 ID : 6306801652156

Option 2 ID : 6306801652155

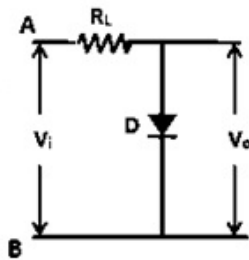
Option 3 ID : 6306801652157

Option 4 ID : 6306801652158

Status : Answered

Chosen Option : D

Q.133 Identify the circuit shown below:



- Ans
- A. Shunt negative clipper
 - B. Series positive clipper
 - C. Shunt positive clipper
 - D. Series negative clipper

Question ID : 630680423521

Option 1 ID : 6306801652435

Option 2 ID : 6306801652438

Option 3 ID : 6306801652437

Option 4 ID : 6306801652436

Status : Answered

Chosen Option : C

Q.134 In a DC motor, the mechanical output power actually comes from:

- Ans
- A. back EMF
 - B. electrical input power
 - C. field system
 - D. airgap flux

Question ID : 630680423430
Option 1 ID : 6306801652071
Option 2 ID : 6306801652074
Option 3 ID : 6306801652072
Option 4 ID : 6306801652073
Status : Answered
Chosen Option : A

Q.135 Current-voltage characteristics of a _____ is similar to that of a diode.

- Ans
- A. potentiometer
 - B. varistor
 - C. wire-wound resistor
 - D. carbon film resistor

Question ID : 630680423507
Option 1 ID : 6306801652379
Option 2 ID : 6306801652382
Option 3 ID : 6306801652380
Option 4 ID : 6306801652381
Status : Answered
Chosen Option : B

Q.136 V-V connection in a three-phase transformer is also called a _____.

- Ans
- A. open-star connection
 - B. open-delta connection
 - C. short-delta connection
 - D. zig-zag connection

Question ID : 630680423454
Option 1 ID : 6306801652169
Option 2 ID : 6306801652170
Option 3 ID : 6306801652168
Option 4 ID : 6306801652167
Status : Answered
Chosen Option : B

Q.137 The shelf life of alkaline cell is about _____ as compared to about _____ for the carbon-zinc cell.

- Ans A. 2.5 years; 6 to 12 months
 B. 4 to 6 months; 1 year
 C. 1 year; 4 to 6 months
 D. 6 to 12 months; 2.5 years

Question ID : 630680423408
Option 1 ID : 6306801651985
Option 2 ID : 6306801651984
Option 3 ID : 6306801651983
Option 4 ID : 6306801651986
Status : Answered
Chosen Option : A

Q.138 When working on electrical circuits, screw drivers with _____ should be avoided.

- Ans A. metallic
 B. wooden
 C. PVC
 D. rubber

Question ID : 630680423383
Option 1 ID : 6306801651884
Option 2 ID : 6306801651883
Option 3 ID : 6306801651885
Option 4 ID : 6306801651886
Status : Answered
Chosen Option : A

Q.139 In house wiring neutral wire is of _____ color and earth wire is of _____ colour.

- Ans A. black; green
 B. red; yellow
 C. red; black
 D. blue; black

Question ID : 630680423440
Option 1 ID : 6306801652111
Option 2 ID : 6306801652112
Option 3 ID : 6306801652113
Option 4 ID : 6306801652114
Status : Answered
Chosen Option : A

Q.140 Which of the following is INCOREECT for IGBT?

- Ans
- A. High voltage rating
 - B. High current rating
 - C. Current controlled device
 - D. Very high input impedance

Question ID : 630680423527
Option 1 ID : 6306801652460
Option 2 ID : 6306801652461
Option 3 ID : 6306801652462
Option 4 ID : 6306801652459
Status : Not Answered
Chosen Option : --

Q.141 Which of the following is an example of integrating instrument?

- Ans
- A. Ammeter
 - B. Power factor meter
 - C. Voltmeter
 - D. Energy meter

Question ID : 630680423466
Option 1 ID : 6306801652216
Option 2 ID : 6306801652218
Option 3 ID : 6306801652215
Option 4 ID : 6306801652217
Status : Answered
Chosen Option : D

Q.142 Which of the following statements is true for varnished cambric as an insulating material?

- Ans
- A. It is non-hygroscopic
 - B. Its dielectric strength is about 4 KV/mm
 - C. these cables are always provided with metallic sheath.
 - D. It is also known as empire type insulation

Question ID : 630680423401
Option 1 ID : 6306801651956
Option 2 ID : 6306801651958
Option 3 ID : 6306801651957
Option 4 ID : 6306801651955
Status : Answered
Chosen Option : D

Q.143 Following sign is used to indicate:



- Ans
- A. Open railway crossing
 - B. Risky turn on road
 - C. Toxic hazard
 - D. Fire hazard

Question ID : 630680423384
Option 1 ID : 6306801651889
Option 2 ID : 6306801651890
Option 3 ID : 6306801651887
Option 4 ID : 6306801651888
Status : Answered
Chosen Option : C

Q.144 The part of the soldering iron that comes in contact with the solder core is called

- _____.
- Ans
- A. Handle
 - B. Shank
 - C. Plug
 - D. Solder bit

Question ID : 630680423395
Option 1 ID : 6306801651932
Option 2 ID : 6306801651931
Option 3 ID : 6306801651933
Option 4 ID : 6306801651934
Status : Answered
Chosen Option : D

Q.145 Which of the following material is not suitable as filament in incandescent lamp?

- Ans
- A. Silver
 - B. Carbon
 - C. Tungsten
 - D. Tantalum

Question ID : 630680423471
Option 1 ID : 6306801652235
Option 2 ID : 6306801652236
Option 3 ID : 6306801652238
Option 4 ID : 6306801652237
Status : Answered
Chosen Option : A

Q.146 Which quantity is measured in Ampere-turns?

- Ans
- A. Flux density
 - B. Magnetic field intensity
 - C. Reluctance
 - D. MMF

Question ID : 630680423415
Option 1 ID : 6306801652013
Option 2 ID : 6306801652014
Option 3 ID : 6306801652012
Option 4 ID : 6306801652011
Status : Answered
Chosen Option : D

Q.147 Calculate the current if 240 C electricity is passing through a point in 2 minutes.

- Ans
- A. 120 A
 - B. 1 A
 - C. 2 A
 - D. 60 A

Question ID : 630680423393
Option 1 ID : 6306801651923
Option 2 ID : 6306801651926
Option 3 ID : 6306801651925
Option 4 ID : 6306801651924
Status : Answered
Chosen Option : C

Q.148 In an over-compound DC generator, _____.

- Ans
- A. the full-load terminal voltage is always zero
 - B.
the full-load terminal voltage is greater than the no-load terminal voltage
 - C.
the full-load terminal voltage is less than the no-load terminal voltage
 - D.
the full-load terminal voltage is equal to the no-load terminal voltage

Question ID : 630680423424
Option 1 ID : 6306801652047
Option 2 ID : 6306801652049
Option 3 ID : 6306801652048
Option 4 ID : 6306801652050
Status : Answered
Chosen Option : B

Q.149 A sinusoidal current is expressed as $i(t) = 100 \sin 50\pi t$. Find the frequency of the current.

- Ans
- A. 25 Hz
 - B. 50 Hz
 - C. 100 Hz
 - D. 10 Hz

Question ID : 630680423443
Option 1 ID : 6306801652125
Option 2 ID : 6306801652124
Option 3 ID : 6306801652123
Option 4 ID : 6306801652126
Status : Answered
Chosen Option : A

Q.150 Intrinsic stand-off ratio is the characteristic of _____.

- Ans
- A. UJT
 - B. FET
 - C. BJT
 - D. MOSFET

Question ID : 630680423499
Option 1 ID : 6306801652349
Option 2 ID : 6306801652347
Option 3 ID : 6306801652350
Option 4 ID : 6306801652348
Status : Answered
Chosen Option : A