



UTTAR PRADESH POWER CORPORATION LTD.

Participant ID	WWW.ALLEXAMREVIEW.COM
Participant Name	
Test Center Name	
Test Date	09/11/2023
Test Time	9:00 AM - 12:00 PM
Subject	Technician Electrical

Section : Computer Knowledge - CCC Level of NIELIT

Q.1 Which of the following software rearranges files so that all parts of the files are next to each other?

- Ans**
- A. Adobe Acrobat
 - B. Disk Cleanup
 - C. Disk Defragmenter
 - D. Skype

Question ID : 630680436687
Option 1 ID : 6306801704687
Option 2 ID : 6306801704686
Option 3 ID : 6306801704685
Option 4 ID : 6306801704688

Status : Answered

Chosen Option : C

Q.2 The process of retrieving information from WWW and storing the same on a local machine is called _____.

- Ans**
- A. downloading
 - B. navigating
 - C. uploading
 - D. browsing

Question ID : 630680436664
Option 1 ID : 6306801704596
Option 2 ID : 6306801704593
Option 3 ID : 6306801704595
Option 4 ID : 6306801704594

Status : Answered

Chosen Option : D

Q.3 Ashish has to prepare a PowerPoint presentation on 'Greenhouse Effect'. He wants to find information on the topic from the Internet. Which of the following will help him to find the relevant data?

- Ans**
- A. Operating system
 - B. MS-Word
 - C. MS-Excel
 - D. Search engine

Question ID : **630680436657**
Option 1 ID : **6306801704567**
Option 2 ID : **6306801704568**
Option 3 ID : **6306801704566**
Option 4 ID : **6306801704565**
Status : **Answered**
Chosen Option : **D**

Q.4 Which of the following language is a high-level language?

- Ans**
- A. Machine language
 - B. Binary language
 - C. Java
 - D. MSIL (Microsoft Intermediate Language)

Question ID : **630680436689**
Option 1 ID : **6306801704696**
Option 2 ID : **6306801704695**
Option 3 ID : **6306801704693**
Option 4 ID : **6306801704694**
Status : **Answered**
Chosen Option : **C**

Q.5 Which of the following is not an example of file management tool?

- Ans**
- A. MS Word
 - B. Microsoft OneDrive
 - C. Dropbox
 - D. Google Drive

Question ID : **630680436688**
Option 1 ID : **6306801704691**
Option 2 ID : **6306801704689**
Option 3 ID : **6306801704690**
Option 4 ID : **6306801704692**
Status : **Answered**
Chosen Option : **A**

Q.6 What will be the value in cell B2 for the Excel formula '=ROUND(C2,2)', if values in cell C2 is 7.66666666666667?

- Ans**
- A. 7.7
 - B. 7.68
 - C. 7.67
 - D. 2.00

Question ID : **630680436679**
Option 1 ID : **6306801704656**
Option 2 ID : **6306801704654**
Option 3 ID : **6306801704653**
Option 4 ID : **6306801704655**
Status : **Answered**
Chosen Option : **C**

Q.7 Which of the following is NOT a human data entry device?

- Ans**
- A. Joystick
 - B. Light pen
 - C. Keyboard
 - D. Digital camera

Question ID : **630680436658**
Option 1 ID : **6306801704570**
Option 2 ID : **6306801704572**
Option 3 ID : **6306801704569**
Option 4 ID : **6306801704571**
Status : **Answered**
Chosen Option : **A**

Q.8 Which of the following are a set of programs that help users in system maintenance tasks, and in performing tasks of routine nature?

- Ans**
- A. Language translators
 - B. Application software
 - C. Operating systems
 - D. Utility programs

Question ID : **630680436661**
Option 1 ID : **6306801704584**
Option 2 ID : **6306801704583**
Option 3 ID : **6306801704582**
Option 4 ID : **6306801704581**
Status : **Answered**
Chosen Option : **D**

Q.9 The computer manufacturer stores a small machine language program in the RAM called BIOS.

What is the full form of BIOS?

- Ans**
- A. Basic Internet Output Sequence
 - B. Basic Input Output System
 - C. Best Input Original System
 - D. Basic Internal Output Software

Question ID : 630680436673
Option 1 ID : 6306801704632
Option 2 ID : 6306801704629
Option 3 ID : 6306801704630
Option 4 ID : 6306801704631
Status : Answered
Chosen Option : B

Q.10 Which of the following keyboard shortcut is used to EXIT the Slide Show in a PowerPoint presentation?

- Ans**
- A. F1
 - B. F3
 - C. F5
 - D. Esc

Question ID : 630680436696
Option 1 ID : 6306801704723
Option 2 ID : 6306801704721
Option 3 ID : 6306801704724
Option 4 ID : 6306801704722
Status : Answered
Chosen Option : D

Q.11 Which of the following options in MS-Word 2010 adds extra space to the side margin, top margin or inside margins of a document that you plan to bind?

- Ans**
- A. Top Margin
 - B. Paper Size
 - C. Left Margin
 - D. Gutter Margin

Question ID : 630680436667
Option 1 ID : 6306801704606
Option 2 ID : 6306801704608
Option 3 ID : 6306801704607
Option 4 ID : 6306801704605
Status : Answered
Chosen Option : D

Q.12 Which of the following organization provides access to internet services?

- Ans
- A. ISP (Internet Service Provider)
 - B. WWW (World Wide Web)
 - C. URL (Uniform Resource Locator)
 - D. BPS (Bits Per Second)

Question ID : 630680436662
Option 1 ID : 6306801704586
Option 2 ID : 6306801704587
Option 3 ID : 6306801704588
Option 4 ID : 6306801704585
Status : Answered
Chosen Option : A

Q.13 Which of the following is NOT an online payment mode?

- Ans
- A. Podcast
 - B. Debit card
 - C. Credit card
 - D. E-wallet

Question ID : 630680436701
Option 1 ID : 6306801704744
Option 2 ID : 6306801704742
Option 3 ID : 6306801704741
Option 4 ID : 6306801704743
Status : Answered
Chosen Option : A

Q.14 Which of the following is NOT a safety measure that must be considered while doing online payments?

- Ans
- A. Use secured Internet connection.
 - B. Avoid accessing banking websites or doing online payments on multiple computers.
 - C. Share passwords with others.
 - D. Avoid suspicious websites.

Question ID : 630680436703
Option 1 ID : 6306801704750
Option 2 ID : 6306801704752
Option 3 ID : 6306801704749
Option 4 ID : 6306801704751
Status : Answered
Chosen Option : C

Q.15 Which of the following is a kind of semiconductor-based non-volatile, rewritable computer memory that can be electrically erased and reprogrammed?

- Ans**
- A. SROM
 - B. SNVROM
 - C. SVROM
 - D. Flash memory

Question ID : **630680436672**

Option 1 ID : **6306801704625**

Option 2 ID : **6306801704627**

Option 3 ID : **6306801704626**

Option 4 ID : **6306801704628**

Status : **Answered**

Chosen Option : **D**

Q.16 The Spelling & Grammar check option is available in the _____ group of the Review tab in MS-Word 2010.

- Ans**
- A. Changes
 - B. Proofing
 - C. Tracking
 - D. Language

Question ID : **630680436666**

Option 1 ID : **6306801704603**

Option 2 ID : **6306801704602**

Option 3 ID : **6306801704604**

Option 4 ID : **6306801704601**

Status : **Answered**

Chosen Option : **B**

Q.17 What is the full form of HTTP?

- Ans**
- A. Hyper Transition Transfer Protocol
 - B. Hyper Transport Text Protocol
 - C. Hyper Text Transfer Protocol
 - D. Hyper Transfer Transition Protocol

Question ID : **630680436674**

Option 1 ID : **6306801704636**

Option 2 ID : **6306801704633**

Option 3 ID : **6306801704635**

Option 4 ID : **6306801704634**

Status : **Answered**

Chosen Option : **C**

Q.18 In MS PowerPoint 2010, which of the following pair(s) of group – tabs is/are correct?

- I. Presentation Views – Home
- II. Paragraph – Design

Ans A. Both I and II
 B. Only II
 C. Only I
 D. Neither I nor II

Question ID : **630680436700**
Option 1 ID : **6306801704739**
Option 2 ID : **6306801704738**
Option 3 ID : **6306801704737**
Option 4 ID : **6306801704740**
Status : **Not Answered**
Chosen Option : --

Q.19 Which of the following is not a valid option in MS-PowerPoint 2010 'Start Slide Show' group of Slide Show tab?

Ans A. From Current Slide
 B. Custom Slide Show
 C. From Beginning
 D. Reverse from Rear

Question ID : **630680436697**
Option 1 ID : **6306801704725**
Option 2 ID : **6306801704727**
Option 3 ID : **6306801704726**
Option 4 ID : **6306801704728**
Status : **Answered**
Chosen Option : **D**

Q.20 A _____ is a regularly updated website or webpage, typically one run by an individual or small group that is written in an informal or conversational style.

Ans A. forum
 B. WWW
 C. website
 D. blog

Question ID : **630680436670**
Option 1 ID : **6306801704617**
Option 2 ID : **6306801704620**
Option 3 ID : **6306801704619**
Option 4 ID : **6306801704618**
Status : **Answered**
Chosen Option : **D**

Q.21 What is the full form of NLP in artificial intelligence?

- Ans
- A. Natural Level Processing
 - B. Natural Language Plan
 - C. Number Language Processing
 - D. Natural Language Processing

Question ID : 630680436705
Option 1 ID : 6306801704758
Option 2 ID : 6306801704757
Option 3 ID : 6306801704760
Option 4 ID : 6306801704759
Status : Answered
Chosen Option : D

Q.22 In the Flat file database, each line of the plain-text file holds only one record. These records are separated using delimiters called _____.

- Ans
- A. backslashes
 - B. asterisks
 - C. paragraph marks
 - D. tabs

Question ID : 630680436686
Option 1 ID : 6306801704683
Option 2 ID : 6306801704684
Option 3 ID : 6306801704682
Option 4 ID : 6306801704681
Status : Answered
Chosen Option : B

Q.23 Which of the following is not an email service provider?

- Ans
- A. Yahoo! Mail
 - B. Altavista
 - C. Gmail
 - D. Hotmail

Question ID : 630680436681
Option 1 ID : 6306801704662
Option 2 ID : 6306801704663
Option 3 ID : 6306801704661
Option 4 ID : 6306801704664
Status : Answered
Chosen Option : B

Q.24 CVV number is different from the PIN number which is like a _____ to complete card transactions.

- Ans**
- A. password
 - B. data
 - C. number
 - D. date

Question ID : 630680436704
Option 1 ID : 6306801704753
Option 2 ID : 6306801704756
Option 3 ID : 6306801704755
Option 4 ID : 6306801704754
Status : Answered
Chosen Option : A

Q.25 Which of the following keyboard shortcut is used to insert a new presentation in MS-PowerPoint 2010?

- Ans**
- A. Ctrl + C
 - B. Shift + N
 - C. Shift + C
 - D. Ctrl + N

Question ID : 630680436698
Option 1 ID : 6306801704729
Option 2 ID : 6306801704732
Option 3 ID : 6306801704730
Option 4 ID : 6306801704731
Status : Answered
Chosen Option : D

Q.26 Which of the following is used to select a single word in MS-Word 2010 document?

- Ans**
- A. Single-click the word
 - B. Double-click the word
 - C. Click to the right of word
 - D. Click to the left of word

Question ID : 630680436675
Option 1 ID : 6306801704637
Option 2 ID : 6306801704638
Option 3 ID : 6306801704640
Option 4 ID : 6306801704639
Status : Answered
Chosen Option : B

Q.27 Which of the following is called mail program, mail application or mail client and allows you to manage, read and compose email?

- Ans**
- A. Mailer
 - B. Mailbox
 - C. Mail engine
 - D. Mail server

Question ID : **630680436663**
Option 1 ID : **6306801704589**
Option 2 ID : **6306801704591**
Option 3 ID : **6306801704592**
Option 4 ID : **6306801704590**
Status : **Answered**
Chosen Option : **D**

Q.28 In MS-Excel, if cell A3 was 300, cell B3 was 225, cell C3 was 180, cell D3 was 350 and cell E3 is 400, then the formula '=AVERAGE(A3,B3,C3,D3,E3)' in cell F3 will produce _____.

- Ans**
- A. 292
 - B. 290
 - C. 291
 - D. 295

Question ID : **630680436669**
Option 1 ID : **6306801704616**
Option 2 ID : **6306801704615**
Option 3 ID : **6306801704614**
Option 4 ID : **6306801704613**
Status : **Answered**
Chosen Option : **C**

Q.29 Which of the following components provides the access point for programs displayed on the desktop, even if the program is minimized?

- Ans**
- A. Scroll bar
 - B. Taskbar
 - C. Address bar
 - D. Title bar

Question ID : **630680436684**
Option 1 ID : **6306801704673**
Option 2 ID : **6306801704675**
Option 3 ID : **6306801704674**
Option 4 ID : **6306801704676**
Status : **Answered**
Chosen Option : **B**

Q.30 Which of the following keyboard shortcut is used to select a column in a worksheet?

- Ans**
- A. Alt + Spacebar
 - B. Ctrl + Spacebar
 - C. Caps Lock + Spacebar
 - D. Shift + Spacebar

Question ID : **630680436692**
Option 1 ID : **6306801704705**
Option 2 ID : **6306801704706**
Option 3 ID : **6306801704708**
Option 4 ID : **6306801704707**
Status : **Answered**
Chosen Option : **B**

Q.31 Which of the following feature in Microsoft Word 2010 is used to type very small letters or numbers just below the line of text?

- Ans**
- A. Superscript
 - B. Subscript
 - C. Formal Painter
 - D. Strikethrough

Question ID : **630680436676**
Option 1 ID : **6306801704643**
Option 2 ID : **6306801704642**
Option 3 ID : **6306801704644**
Option 4 ID : **6306801704641**
Status : **Answered**
Chosen Option : **B**

Q.32 What do the following icons represent?




- Ans**
- A. Web browsers
 - B. Websites
 - C. Web documents
 - D. Web windows

Question ID : **630680436656**
Option 1 ID : **6306801704563**
Option 2 ID : **6306801704561**
Option 3 ID : **6306801704562**
Option 4 ID : **6306801704564**
Status : **Answered**
Chosen Option : **A**

Q.33 Which of the following is an icon of WhatsApp?

Ans

- A. 
- B. 
- C. 
- D. 

Question ID : 630680436690

Option 1 ID : 6306801704699

Option 2 ID : 6306801704700

Option 3 ID : 6306801704697

Option 4 ID : 6306801704698

Status : Answered

Chosen Option : C

Q.34 If you want to protect a worksheet from other users accessing to it, give a _____ to your Excel file.

Ans

- A. number
- B. message
- C. filename
- D. password

Question ID : 630680436693

Option 1 ID : 6306801704709

Option 2 ID : 6306801704711

Option 3 ID : 6306801704712

Option 4 ID : 6306801704710

Status : Answered

Chosen Option : D

Q.35 Which of the following option is used to reply to the original sender and all other recipients on the 'To' and 'Cc' lines in email?

Ans

- A. Forward All
- B. Forward
- C. Reply All
- D. Reply

Question ID : 630680436680

Option 1 ID : 6306801704660

Option 2 ID : 6306801704659

Option 3 ID : 6306801704658

Option 4 ID : 6306801704657

Status : Answered

Chosen Option : C

Q.36 Payments using credit card, debit card and smart card are examples of _____ transactions.

- Ans**
- A. e-design
 - B. e-money
 - C. e-commerce
 - D. e-learning

Question ID : **630680436702**
Option 1 ID : **6306801704746**
Option 2 ID : **6306801704745**
Option 3 ID : **6306801704748**
Option 4 ID : **6306801704747**
Status : **Answered**
Chosen Option : **B**

Q.37 Shading option in MS-Word 2010 is used for _____.

- Ans**
- A. changing the color of the selected text
 - B. making the text pop by highlighting it
 - C. changing the color behind the selected text
 - D. changing the color around the selected text

Question ID : **630680436677**
Option 1 ID : **6306801704645**
Option 2 ID : **6306801704646**
Option 3 ID : **6306801704647**
Option 4 ID : **6306801704648**
Status : **Not Answered**
Chosen Option : **--**

Q.38 Which of the following symbol in MS-Excel 2010, is prefixed before the number to treat number as text?

- Ans**
- A. Apostrophe (')
 - B. Tilde (~)
 - C. Double quotation (")
 - D. Comma (,)

Question ID : **630680436678**
Option 1 ID : **6306801704649**
Option 2 ID : **6306801704652**
Option 3 ID : **6306801704651**
Option 4 ID : **6306801704650**
Status : **Not Answered**
Chosen Option : **--**

Q.39 A _____ is an intersection of a row and a column in a worksheet.

- Ans
- A. row
 - B. column
 - C. workbook
 - D. cell

Question ID : 630680436694
Option 1 ID : 6306801704713
Option 2 ID : 6306801704714
Option 3 ID : 6306801704716
Option 4 ID : 6306801704715
Status : Answered
Chosen Option : D

Q.40 In MS PowerPoint 2010, which of the following pair of group – tab is correct?

- I. Header and Footer — Slide Show
- II. Comments — Review

- Ans
- A. Only II
 - B. Only I
 - C. Neither I nor II
 - D. Both I and II

Question ID : 630680436699
Option 1 ID : 6306801704734
Option 2 ID : 6306801704733
Option 3 ID : 6306801704736
Option 4 ID : 6306801704735
Status : Answered
Chosen Option : A

Q.41 Which of the following page break option in Microsoft Word 2010 separate text around objects on webpage such as caption text from body text?

- Ans
- A. Text Wrapping
 - B. Even page
 - C. Continuous
 - D. Column

Question ID : 630680436683
Option 1 ID : 6306801704670
Option 2 ID : 6306801704672
Option 3 ID : 6306801704671
Option 4 ID : 6306801704669
Status : Not Answered
Chosen Option : --

Q.42 Which of the following option in MS-PowerPoint 2019 is used to minimize the ribbon so that only the tab names are shown?

- Ans**
- A. Quick Access toolbar
 - B. Collapse
 - C. Work Area
 - D. Thumbnail

Question ID : **630680436695**
Option 1 ID : **6306801704719**
Option 2 ID : **6306801704717**
Option 3 ID : **6306801704718**
Option 4 ID : **6306801704720**
Status : **Not Answered**
Chosen Option : --

Q.43 An Excel workbook is assigned a temporary name as _____.

- Ans**
- A. Book_1
 - B. Book-1
 - C. Book1
 - D. Book@1

Question ID : **630680436691**
Option 1 ID : **6306801704702**
Option 2 ID : **6306801704703**
Option 3 ID : **6306801704701**
Option 4 ID : **6306801704704**
Status : **Not Answered**
Chosen Option : --

Q.44 Which of the following is a GUI based application software commonly used for Word processing?

- Ans**
- A. MS-Word
 - B. MS-PowerPoint
 - C. MS-Access
 - D. MS-Excel

Question ID : **630680436671**
Option 1 ID : **6306801704622**
Option 2 ID : **6306801704624**
Option 3 ID : **6306801704623**
Option 4 ID : **6306801704621**
Status : **Answered**
Chosen Option : **A**

Q.45 Match the elements of File Type with Extensions.

File Type	Extensions
a) Compressed file	i) .DOCX
b) Machine executable file	ii) .RAR
c) Dynamic Library file	iii) .EXE
d) Microsoft Word file	iv) .DLL

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

Question ID : 630680436685
 Option 1 ID : 6306801704680
 Option 2 ID : 6306801704679
 Option 3 ID : 6306801704677
 Option 4 ID : 6306801704678
 Status : Answered
 Chosen Option : C

Q.46 Which of the following is the main memory of a computer?

- Ans
- A. Hard drive
 - B. RAM
 - C. DVD
 - D. CD

Question ID : 630680436659
 Option 1 ID : 6306801704576
 Option 2 ID : 6306801704574
 Option 3 ID : 6306801704575
 Option 4 ID : 6306801704573
 Status : Answered
 Chosen Option : B

Q.47 _____ is an example of relative reference in MS-Excel 2010.

- Ans
- A. C1
 - B. DS1
 - C. SC
 - D. Sd\$1

Question ID : 630680436668
 Option 1 ID : 6306801704610
 Option 2 ID : 6306801704611
 Option 3 ID : 6306801704609
 Option 4 ID : 6306801704612
 Status : Answered
 Chosen Option : B

Q.48 Which of the following is NOT a valid section break option in Page Setup group of MS-Word 2010?

- Ans**
- A. Even page
 - B. Next page
 - C. Odd page
 - D. Alternate page

Question ID : 630680436682
Option 1 ID : 6306801704666
Option 2 ID : 6306801704665
Option 3 ID : 6306801704668
Option 4 ID : 6306801704667
Status : Answered
Chosen Option : D

Q.49 Which of the following keyboard shortcuts is equivalent to 'Ctrl + S' and is used to save an open file in MS-Word 2010?

- Ans**
- A. Shift + F5
 - B. Ctrl + F12
 - C. Shift + F12
 - D. Ctrl + F5

Question ID : 630680436665
Option 1 ID : 6306801704600
Option 2 ID : 6306801704597
Option 3 ID : 6306801704598
Option 4 ID : 6306801704599
Status : Answered
Chosen Option : B

Q.50 A _____ is the smallest unit of information on a computer.

- Ans**
- A. byte
 - B. nibble
 - C. bit
 - D. word

Question ID : 630680436660
Option 1 ID : 6306801704578
Option 2 ID : 6306801704579
Option 3 ID : 6306801704577
Option 4 ID : 6306801704580
Status : Answered
Chosen Option : C

Section : General Study & Logical Reasoning

Q.1 What approximate value should come in place of the question mark (?) in the following equation?

$$13.67 + 6.78 - 23.69 + 17.45 \times 28.89 = ?$$

- Ans
- A. 234
 - B. 471
 - C. 369
 - D. 367

Question ID : 630680436725

Option 1 ID : 6306801704838

Option 2 ID : 6306801704840

Option 3 ID : 6306801704839

Option 4 ID : 6306801704837

Status : Answered

Chosen Option : B

Q.2 निम्नलिखित में से कौन 'ध्रुवस्वामिनी' पुस्तक के/की लेखक/लेखिका थे/थीं?

- Ans
- A. महादेवी वर्मा
 - B. हरिवंश राय बच्चन
 - C. जयशंकर प्रसाद
 - D. प्रेमचंद

Question ID : 630680436708

Option 1 ID : 6306801704769

Option 2 ID : 6306801704772

Option 3 ID : 6306801704771

Option 4 ID : 6306801704770

Status : Answered

Chosen Option : A

Q.3 पंकज आडवाणी निम्नलिखित में से किस खेल के लिए जाने जाते हैं?

- Ans
- A. बिलियर्ड्स
 - B. तीरंदाजी
 - C. फुटबॉल
 - D. शतरंज

Question ID : 630680436714

Option 1 ID : 6306801704795

Option 2 ID : 6306801704794

Option 3 ID : 6306801704796

Option 4 ID : 6306801704793

Status : Answered

Chosen Option : B

Q.4 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. BANK-DCPM
 - B. SONG-UQPI
 - C. POEM-RQGP
 - D. EYES-GAGU

Question ID : 630680436722
Option 1 ID : 6306801704828
Option 2 ID : 6306801704825
Option 3 ID : 6306801704826
Option 4 ID : 6306801704827
Status : Answered
Chosen Option : C

Q.5 Mahamana Malaviya Mission was founded in which of the following years?

- Ans**
- A. 1976
 - B. 1977
 - C. 1978
 - D. 1979

Question ID : 630680436707
Option 1 ID : 6306801704765
Option 2 ID : 6306801704766
Option 3 ID : 6306801704767
Option 4 ID : 6306801704768
Status : Not Answered
Chosen Option : --

Q.6 निम्नलिखित में से कौन सा अनुच्छेद संवैधानिक उपचारों के अधिकार से संबंधित है?

- Ans**
- A. अनुच्छेद 31
 - B. अनुच्छेद 29
 - C. अनुच्छेद 30
 - D. अनुच्छेद 32

Question ID : 630680436715
Option 1 ID : 6306801704799
Option 2 ID : 6306801704797
Option 3 ID : 6306801704798
Option 4 ID : 6306801704800
Status : Not Answered
Chosen Option : --

Q.7 In a certain code language, STANZA is coded as 1261412019. How will RUSSIA be coded in that language?

- Ans A. 1919192118
 B. 1821191991
 C. 1919192110
 D. 1919182118

Question ID : 630680436718
Option 1 ID : 6306801704809
Option 2 ID : 6306801704810
Option 3 ID : 6306801704811
Option 4 ID : 6306801704812
Status : Answered
Chosen Option : A

Q.8 As of November 2022, what is the repo rate?

- Ans A. 6.00%
 B. 5.90%
 C. 4.50%
 D. 4.90%

Question ID : 630680436710
Option 1 ID : 6306801704779
Option 2 ID : 6306801704778
Option 3 ID : 6306801704780
Option 4 ID : 6306801704777
Status : Not Answered
Chosen Option : --

Q.9 निम्नलिखित में से किस बंदरगाह को पहले एन्नोर बंदरगाह के नाम से जाना जाता था?

- Ans A. कामराजार बंदरगाह
 B. कांडला बंदरगाह
 C. पोर्ट ब्लेयर बंदरगाह
 D. न्हावा शेवा बंदरगाह

Question ID : 630680436713
Option 1 ID : 6306801704791
Option 2 ID : 6306801704790
Option 3 ID : 6306801704792
Option 4 ID : 6306801704789
Status : Not Answered
Chosen Option : --

Q.10 In which year was Integrated Rural Development Programme (IRDP) formulated?

- Ans A. 1978
 B. 1980
 C. 1979
 D. 1977

Question ID : 630680436711
Option 1 ID : 6306801704782
Option 2 ID : 6306801704784
Option 3 ID : 6306801704783
Option 4 ID : 6306801704781
Status : Not Answered
Chosen Option : --

Q.11 यदि निम्नलिखित शब्दों के सभी अक्षरों को नए अक्षर-समूहों के निर्माण के लिए वर्णमाला क्रम में पुनर्व्यवस्थित किया जाए, तो कोशक्रमानुसार (शब्दकोश) क्रम में रखने पर कौन-सा अक्षर-समूह तीसरा होगा?

- Ans A. PARTY
 B. PLACE
 C. PLANT
 D. WRIST

Question ID : 630680436717
Option 1 ID : 6306801704806
Option 2 ID : 6306801704807
Option 3 ID : 6306801704805
Option 4 ID : 6306801704808
Status : Answered
Chosen Option : C

Q.12 चार अक्षर-समूह युग्म दिए गए हैं, जिनमें से तीन किसी तरह से एक समान हैं और एक असंगत है। उस असंगत का चयन कीजिए।

- Ans A. OS-TY
 B. GK-LP
 C. CG-HL
 D. IM-NR

Question ID : 630680436721
Option 1 ID : 6306801704824
Option 2 ID : 6306801704821
Option 3 ID : 6306801704822
Option 4 ID : 6306801704823
Status : Answered
Chosen Option : A

Q.13 दिए गए विकल्पों में से उस अक्षर-समूह का चयन कीजिए जो निम्नलिखित शृंखला में प्रश्न-चिह्न (?) को प्रतिस्थापित कर सकता है।

GFJ, KAP, OVV, SQB, ?

- Ans
- A. WMH
 - B. XLH
 - C. WLH
 - D. WLI

Question ID : 630680436716

Option 1 ID : 6306801704802

Option 2 ID : 6306801704801

Option 3 ID : 6306801704804

Option 4 ID : 6306801704803

Status : Answered

Chosen Option : C

Q.14 नृत्य कलानिधि 2022 पुरस्कार विजेता कौन हैं?

- Ans
- A. राम वैद्यनाथन
 - B. ब्रघा बेसेल
 - C. डॉ. वी. प्रेमलता
 - D. नर्तकी नटराज

Question ID : 630680436709

Option 1 ID : 6306801704774

Option 2 ID : 6306801704775

Option 3 ID : 6306801704776

Option 4 ID : 6306801704773

Status : Not Answered

Chosen Option : --

Q.15 एक तस्वीर में एक लड़की की ओर इशारा करते हुए राहुल ने कहा, "वह मेरे पिता के पिता की पत्नी की इकलौती संतान की इकलौती पुत्री है।" राहुल का उस लड़की से क्या संबंध है?

- Ans
- A. चाचा/मामा/मौसा/फूफा
 - B. पति
 - C. भाई
 - D. पिता

Question ID : 630680436719

Option 1 ID : 6306801704815

Option 2 ID : 6306801704816

Option 3 ID : 6306801704814

Option 4 ID : 6306801704813

Status : Answered

Chosen Option : C

Q.16 उस विकल्प का चयन कीजिए जो तीसरे अक्षर-समूह से उसी प्रकार संबंधित है जिस प्रकार दूसरा अक्षर-समूह पहले अक्षर-समूह से संबंधित है।

WRIST : UTJSX :: WATCH : ?

- Ans**
- A. IDUCX
 - B. IDUBX
 - C. XBUDJ
 - D. XBUDI

Question ID : 630680436720

Option 1 ID : 6306801704818

Option 2 ID : 6306801704817

Option 3 ID : 6306801704820

Option 4 ID : 6306801704819

Status : Answered

Chosen Option : B

Q.17 Select the number from among the given options that can replace the question mark (?) in the following series.

27, 56, 87, 120, ?

- Ans**
- A. 151
 - B. 149
 - C. 153
 - D. 155

Question ID : 630680436723

Option 1 ID : 6306801704831

Option 2 ID : 6306801704832

Option 3 ID : 6306801704830

Option 4 ID : 6306801704829

Status : Answered

Chosen Option : D

Q.18 निम्नलिखित में से किस स्वतंत्रता सेनानी को 'देशबंधु' के नाम से जाना जाता था?

- Ans**
- A. पंडित मदन मोहन मालवीय
 - B. बिपिन चंद्र पाल
 - C. फिरोजशाह मेहता
 - D. चितरंजन दास

Question ID : 630680436706

Option 1 ID : 6306801704764

Option 2 ID : 6306801704761

Option 3 ID : 6306801704763

Option 4 ID : 6306801704762

Status : Answered

Chosen Option : A

Q.19 Select the number from among the given options that can replace the question mark (?) in the following series.

530, 531, 535, 544, ?

- Ans
- A. 537
 - B. 589
 - C. 560
 - D. 569

Question ID : 630680436724
Option 1 ID : 6306801704833
Option 2 ID : 6306801704834
Option 3 ID : 6306801704835
Option 4 ID : 6306801704836
Status : Answered
Chosen Option : C

Q.20 बैलाडीला लौह अयस्क खदानें भारत के निम्नलिखित में से किस राज्य में स्थित हैं?

- Ans
- A. ओडिशा
 - B. बिहार
 - C. छत्तीसगढ़
 - D. झारखंड

Question ID : 630680436712
Option 1 ID : 6306801704786
Option 2 ID : 6306801704787
Option 3 ID : 6306801704785
Option 4 ID : 6306801704788
Status : Not Answered
Chosen Option : --

Section : General Hindi

Q.1 'गाल बजाना' मुहावरे का अर्थ है:

- Ans
- A. पिटाई करना
 - B. क्रोध करना
 - C. रूठ जाना
 - D. डींग हाँकना

Question ID : 630680436732
Option 1 ID : 6306801704866
Option 2 ID : 6306801704868
Option 3 ID : 6306801704865
Option 4 ID : 6306801704867
Status : Answered
Chosen Option : D

Q.2 वाक्य विन्यास की दृष्टि से शुद्ध वाक्य का चयन कीजिए:

- Ans
- A. प्रोत्साहन भी मिला उसे पैसा मिलने के अलावा।
 - B. अलावा पैसा मिलने के उसे प्रोत्साहन भी मिला।
 - C. पैसा मिलने के अलावा उसे प्रोत्साहन भी मिला।
 - D. मिलने के अलावा पैसा उसे प्रोत्साहन भी मिला।

Question ID : 630680436726

Option 1 ID : 6306801704841

Option 2 ID : 6306801704844

Option 3 ID : 6306801704842

Option 4 ID : 6306801704843

Status : Answered

Chosen Option : C

Q.3 निम्न में से कौन-सा वाक्य तात्कालिक वर्तमान काल की दृष्टि से उचित वाक्य है?

- Ans
- A. कमाल है, तुम्हें यह भी पता नहीं कि तुम क्या काम कर रहे हो?
 - B. कमाल है, तुम्हें यह भी पता नहीं कि तुम क्या काम करते हो?
 - C. कमाल है, तुम्हें यह भी पता नहीं कि तुम क्या काम कर चुके हो?
 - D. कमाल है, तुम्हें यह भी पता नहीं कि तुम क्या काम कर सकते हो?

Question ID : 630680436729

Option 1 ID : 6306801704854

Option 2 ID : 6306801704853

Option 3 ID : 6306801704856

Option 4 ID : 6306801704855

Status : Answered

Chosen Option : A

Q.4 निम्न में से कौन-सा वाक्य आसन्नभूत काल की दृष्टि से उचित वाक्य है?

- Ans
- A. आज हिलाल की परीक्षा समाप्त हो चुकी होगी।
 - B. आज हिलाल की परीक्षा समाप्त होने को है।
 - C. आज हिलाल की परीक्षा समाप्त हो चुकी थी।
 - D. आज हिलाल की परीक्षा समाप्त हो चुकी है।

Question ID : 630680436728

Option 1 ID : 6306801704850

Option 2 ID : 6306801704852

Option 3 ID : 6306801704849

Option 4 ID : 6306801704851

Status : Answered

Chosen Option : A

Q.5 निम्न में से 'एकाक्ष' का पर्याय है:

- Ans
- A. शुक
 - B. कुक्कुट
 - C. पिक
 - D. वायस

Question ID : 630680436735

Option 1 ID : 6306801704877

Option 2 ID : 6306801704880

Option 3 ID : 6306801704879

Option 4 ID : 6306801704878

Status : Not Answered

Chosen Option : --

Q.6 सही मुहावरा चुनें:

- Ans
- A. चमड़े का जूता
 - B. चाँदी का जूता
 - C. हीरे का जूता
 - D. सोने का जूता

Question ID : 630680436733

Option 1 ID : 6306801704872

Option 2 ID : 6306801704869

Option 3 ID : 6306801704871

Option 4 ID : 6306801704870

Status : Answered

Chosen Option : B

Q.7 निम्न में से किस वाक्य में कारक चिह्न का शुद्ध प्रयोग नहीं हुआ है?

- Ans
- A. चिड़ियाँ पेड़ों में अपने घोंसले बनाती हैं।
 - B. आजकल के नेता लोग रुपयों पर बिकते हैं।
 - C. मनुष्य अपने घर में भी सुरक्षित कहाँ है।
 - D. बंदर बड़े से आम के पेड़ पर रहता है।

Question ID : 630680436730

Option 1 ID : 6306801704858

Option 2 ID : 6306801704860

Option 3 ID : 6306801704859

Option 4 ID : 6306801704857

Status : Answered

Chosen Option : B

Q.8 रेखांकित शब्द के विलोम से वाक्य पूर्ण करें-
अपने तुच्छ लाभ के लिए किसी दूसरे की _____ करना अनुचित है।

- Ans
- A. बराबरी
 - B. अवहेलना
 - C. नक़ल
 - D. हानि

Question ID : 630680436734
Option 1 ID : 6306801704873
Option 2 ID : 6306801704875
Option 3 ID : 6306801704874
Option 4 ID : 6306801704876
Status : Answered
Chosen Option : D

Q.9 वाक्य विन्यास की दृष्टि से शुद्ध वाक्य का चयन कीजिए:

- Ans
- A. भुगतान न करने पर तुम्हें बिल का माल वापस करना होगा।
 - B. बिल का भुगतान न करने पर तुम्हें माल वापस करना होगा।
 - C. बिल का न भुगतान करने पर माल वापस करना होगा तुम्हें।
 - D. माल वापस करना होगा तुम्हें बिल का भुगतान न करने पर।

Question ID : 630680436727
Option 1 ID : 6306801704846
Option 2 ID : 6306801704848
Option 3 ID : 6306801704845
Option 4 ID : 6306801704847
Status : Answered
Chosen Option : B

Q.10 निम्न में से किस वाक्य में विशेषण शब्द का उचित प्रयोग हुआ है?

- Ans
- A. निर्धन आदमी कभी भूखों नहीं मरता।
 - B. चापलूस आदमी कभी भूखों नहीं मरता।
 - C. आलसी आदमी कभी भूखों नहीं मरता।
 - D. मेहनती आदमी कभी भूखों नहीं मरता।

Question ID : 630680436731
Option 1 ID : 6306801704863
Option 2 ID : 6306801704864
Option 3 ID : 6306801704862
Option 4 ID : 6306801704861
Status : Answered
Chosen Option : D

Comprehension:

दिए गए गद्यांश के आधार पर उत्तर दीजिए।

मुसलमानों में सबसे प्रमुख सुधारक सैयद अहमद खान (1817-1898) थे। वह आधुनिक वैज्ञानिक विचारों से काफी प्रभावित थे तथा जीवन भर इस्लाम के साथ उनका तालमेल करने के लिए प्रयत्नरत रहे। जीवनभर वे परम्परा के अंधानुकरण, रिवाजों पर भरोसा, अज्ञानतथा अबुद्धिवाद के खिलाफ संघर्ष करते रहे। उन्होंने लोगों से आलोचनात्मक दृष्टिकोण तथा विचारों की स्वतंत्रता अपनाने का आग्रह किया। उन्होंने कट्टरपंथ, संकुचित दृष्टि तथा अलग-थलग रहने के खिलाफ भी चेतावनी दी, तथा छात्रों और दूसरे लोगों से खुले दिल वाला तथा सहिष्णु बनने का आग्रह किया। उन्होंने कहा कि बंद दिमाग सामाजिक-बौद्धिक पिछड़ेपन की निशानी है। सैयद अहमद खान का विश्वास था कि मुसलमानों का धार्मिक और सामाजिक जीवन आधुनिक, पाश्चात्य वैज्ञानिक ज्ञान और संस्कृति को अपनाकर ही सुधर सकता है। इसलिए आधुनिक शिक्षा का प्रचार जीवन-पर्यंत उनका प्रथम ध्येय रहा। उन्होंने 1875 में अलीगढ़ में मुहम्मदन एंग्लो-ओरिएंटल कॉलेज की स्थापना पाश्चात्य विज्ञान तथा संस्कृति का प्रचार करने वाले एक केंद्र के रूप में की। इसी कॉलेज का विकास अलीगढ़ मुस्लिम विश्वविद्यालय के रूप में हुआ। सर सैयद धार्मिक सहिष्णुता के समर्थक थे। वे मानते थे कि धर्म व्यक्ति का अपना निजी मामला है और इसलिए वह वैयक्तिक संबंधों में धार्मिक कट्टरता की निंदा करते थे। उनका विश्वास था कि जब भारतीय भी विचार व कर्म में अंग्रेजों जितने आधुनिक बन जाएँगे केवल तभी वह सफलता के साथ विदेशी शासन को ललकार सकेंगे। इसलिए उन्होंने सभी भारतीयों तथा खासकर शैक्षिक रूप से पिछड़े मुसलमानों को सलाह दी कि वह कुछ समय के लिए राजनीति से दूर रहे। सर सैयद ने सामाजिक सुधार के काम में उत्साह दिखाया। उन्होंने मुसलमानों से मध्यकालीन रीति-रिवाज तथा विचार व कर्म की पद्धतियों को छोड़ देने का आग्रह किया। महिलाओं की स्थिति सुधारने का प्रयास किया। पर्दा छोड़ने तथा शिक्षा-प्रसार का समर्थन किया। उन्होंने बहुविवाह प्रथा तथा मामूली बातों पर तलाक के रिवाज की भी निंदा की।

SubQuestion No : 11

Q.11 सर सैयद अहमद खान का जन्म कब हुआ था?

- Ans
- A. 1898
 - B. 1875
 - C. 1817

X D. 1818

Question ID : **630680436737**
Option 1 ID : **6306801704882**
Option 2 ID : **6306801704883**
Option 3 ID : **6306801704881**
Option 4 ID : **6306801704884**
Status : **Answered**
Chosen Option : **C**

WWW.ALLEXAMREVIEW.COM

Comprehension:

दिए गए गद्यांश के आधार पर उत्तर दीजिए।

मुसलमानों में सबसे प्रमुख सुधारक सैयद अहमद खान (1817-1898) थे। वह आधुनिक वैज्ञानिक विचारों से काफी प्रभावित थे तथा जीवन भर इस्लाम के साथ उनका तालमेल करने के लिए प्रयत्नरत रहे। जीवनभर वे परम्परा के अंधानुकरण, रिवाजों पर भरोसा, अज्ञानतथा अबुद्धिवाद के खिलाफ संघर्ष करते रहे। उन्होंने लोगों से आलोचनात्मक दृष्टिकोण तथा विचारों की स्वतंत्रता अपनाने का आग्रह किया। उन्होंने कट्टरपंथ, संकुचित दृष्टि तथा अलग-थलग रहने के खिलाफ भी चेतावनी दी, तथा छात्रों और दूसरे लोगों से खुले दिल वाला तथा सहिष्णु बनने का आग्रह किया। उन्होंने कहा कि बंद दिमाग सामाजिक-बौद्धिक पिछड़ेपन की निशानी है। सैयद अहमद खान का विश्वास था कि मुसलमानों का धार्मिक और सामाजिक जीवन आधुनिक, पाश्चात्य वैज्ञानिक ज्ञान और संस्कृति को अपनाकर ही सुधर सकता है। इसलिए आधुनिक शिक्षा का प्रचार जीवन-पर्यंत उनका प्रथम ध्येय रहा। उन्होंने 1875 में अलीगढ़ में मुहम्मदन एंग्लो-ओरिएंटल कॉलेज की स्थापना पाश्चात्य विज्ञान तथा संस्कृति का प्रचार करने वाले एक केंद्र के रूप में की। इसी कॉलेज का विकास अलीगढ़ मुस्लिम विश्वविद्यालय के रूप में हुआ। सर सैयद धार्मिक सहिष्णुता के समर्थक थे। वे मानते थे कि धर्म व्यक्ति का अपना निजी मामला है और इसलिए वह वैयक्तिक संबंधों में धार्मिक कट्टरता की निंदा करते थे। उनका विश्वास था कि जब भारतीय भी विचार व कर्म में अंग्रेजों जितने आधुनिक बन जाएँगे केवल तभी वह सफलता के साथ विदेशी शासन को ललकार सकेंगे। इसलिए उन्होंने सभी भारतीयों तथा खासकर शैक्षिक रूप से पिछड़े मुसलमानों को सलाह दी कि वह कुछ समय के लिए राजनीति से दूर रहे। सर सैयद ने सामाजिक सुधार के काम में उत्साह दिखाया। उन्होंने मुसलमानों से मध्यकालीन रीति-रिवाज तथा विचार व कर्म की पद्धतियों को छोड़ देने का आग्रह किया। महिलाओं की स्थिति सुधारने का प्रयास किया। पर्दा छोड़ने तथा शिक्षा-प्रसार का समर्थन किया। उन्होंने बहुविवाह प्रथा तथा मामूली बातों पर तलाक के रिवाज की भी निंदा की।

SubQuestion No : 12

Q.12 धर्म संबंधी सर सैयद की मान्यता के संदर्भ में असत्य है:

- Ans
- A. वह वैयक्तिक संबंधों में धार्मिक कट्टरता की निंदा करते थे।
 - B. वह धार्मिक परम्पराओं तथा रूढ़ियों का समर्थन करते थे।

- C. वह धार्मिक सहिष्णुता के कट्टर समर्थक थे।
- D. वह धर्म को व्यक्ति का निजी मामला मानते थे।

Question ID : 630680436740

Option 1 ID : 6306801704894

Option 2 ID : 6306801704896

Option 3 ID : 6306801704895

Option 4 ID : 6306801704893

Status : Answered

Chosen Option : B

WWW.ALLEXAMREVIEW.COM

Comprehension:

दिए गए गद्यांश के आधार पर उत्तर दीजिए।

मुसलमानों में सबसे प्रमुख सुधारक सैयद अहमद खान (1817-1898) थे। वह आधुनिक वैज्ञानिक विचारों से काफी प्रभावित थे तथा जीवन भर इस्लाम के साथ उनका तालमेल करने के लिए प्रयत्नरत रहे। जीवनभर वे परम्परा के अंधानुकरण, रिवाजों पर भरोसा, अज्ञानतथा अबुद्धिवाद के खिलाफ संघर्ष करते रहे। उन्होंने लोगों से आलोचनात्मक दृष्टिकोण तथा विचारों की स्वतंत्रता अपनाने का आग्रह किया। उन्होंने कट्टरपंथ, संकुचित दृष्टि तथा अलग-थलग रहने के खिलाफ भी चेतावनी दी, तथा छात्रों और दूसरे लोगों से खुले दिल वाला तथा सहिष्णु बनने का आग्रह किया। उन्होंने कहा कि बंद दिमाग सामाजिक-बौद्धिक पिछड़ेपन की निशानी है। सैयद अहमद खान का विश्वास था कि मुसलमानों का धार्मिक और सामाजिक जीवन आधुनिक, पाश्चात्य वैज्ञानिक ज्ञान और संस्कृति को अपनाकर ही सुधर सकता है। इसलिए आधुनिक शिक्षा का प्रचार जीवन-पर्यंत उनका प्रथम ध्येय रहा। उन्होंने 1875 में अलीगढ़ में मुहम्मदन एंग्लो-ओरिएंटल कॉलेज की स्थापना पाश्चात्य विज्ञान तथा संस्कृति का प्रचार करने वाले एक केंद्र के रूप में की। इसी कॉलेज का विकास अलीगढ़ मुस्लिम विश्वविद्यालय के रूप में हुआ। सर सैयद धार्मिक सहिष्णुता के समर्थक थे। वे मानते थे कि धर्म व्यक्ति का अपना निजी मामला है और इसलिए वह वैयक्तिक संबंधों में धार्मिक कट्टरता की निंदा करते थे। उनका विश्वास था कि जब भारतीय भी विचार व कर्म में अंग्रेजों जितने आधुनिक बन जाएँगे केवल तभी वह सफलता के साथ विदेशी शासन को ललकार सकेंगे। इसलिए उन्होंने सभी भारतीयों तथा खासकर शैक्षिक रूप से पिछड़े मुसलमानों को सलाह दी कि वह कुछ समय के लिए राजनीति से दूर रहे। सर सैयद ने सामाजिक सुधार के काम में उत्साह दिखाया। उन्होंने मुसलमानों से मध्यकालीन रीति-रिवाज तथा विचार व कर्म की पद्धतियों को छोड़ देने का आग्रह किया। महिलाओं की स्थिति सुधारने का प्रयास किया। पर्दा छोड़ने तथा शिक्षा-प्रसार का समर्थन किया। उन्होंने बहुविवाह प्रथा तथा मामूली बातों पर तलाक के रिवाज की भी निंदा की।

SubQuestion No : 13

Q.13 गद्यांश से निष्कर्ष नहीं निकलता है कि:

Ans A. आधुनिक शिक्षा का प्रचार जीवन-पर्यंत उनका ध्येय रहा।

B.

सर सैयद एक महान समाज सुधारक थे, उन्होंने स्त्री समस्याओं को भी दूर करने का प्रयास किया।

✓ C.

सर सैयद ने पाश्चात्य रीति-रिवाज अपनाने तथा उनके रंग-ढंग में रंग जाने की वकालत की।

✗ D.

सर सैयद ने इस्लाम धर्म में वैज्ञानिक तथा आधुनिक दृष्टिकोण को अपनाए जाने का समर्थन किया।

Question ID : 630680436741

Option 1 ID : 6306801704899

Option 2 ID : 6306801704897

Option 3 ID : 6306801704900

Option 4 ID : 6306801704898

Status : Answered

Chosen Option : D

WWW.ALLEXAMREVIEW.COM

Comprehension:

दिए गए गद्यांश के आधार पर उत्तर दीजिए।

मुसलमानों में सबसे प्रमुख सुधारक सैयद अहमद खान (1817-1898) थे। वह आधुनिक वैज्ञानिक विचारों से काफी प्रभावित थे तथा जीवन भर इस्लाम के साथ उनका तालमेल करने के लिए प्रयत्नरत रहे। जीवनभर वे परम्परा के अंधानुकरण, रिवाजों पर भरोसा, अज्ञानतथा अबुद्धिवाद के खिलाफ संघर्ष करते रहे। उन्होंने लोगों से आलोचनात्मक दृष्टिकोण तथा विचारों की स्वतंत्रता अपनाने का आग्रह किया। उन्होंने कट्टरपंथ, संकुचित दृष्टि तथा अलग-थलग रहने के खिलाफ भी चेतावनी दी, तथा छात्रों और दूसरे लोगों से खुले दिल वाला तथा सहिष्णु बनने का आग्रह किया। उन्होंने कहा कि बंद दिमाग सामाजिक-बौद्धिक पिछड़ेपन की निशानी है। सैयद अहमद खान का विश्वास था कि मुसलमानों का धार्मिक और सामाजिक जीवन आधुनिक, पाश्चात्य वैज्ञानिक ज्ञान और संस्कृति को अपनाकर ही सुधर सकता है। इसलिए आधुनिक शिक्षा का प्रचार जीवन-पर्यंत उनका प्रथम ध्येय रहा। उन्होंने 1875 में अलीगढ़ में मुहम्मडन एंग्लो-ओरिएंटल कॉलेज की स्थापना पाश्चात्य विज्ञान तथा संस्कृति का प्रचार करने वाले एक केंद्र के रूप में की। इसी कॉलेज का विकास अलीगढ़ मुस्लिम विश्वविद्यालय के रूप में हुआ। सर सैयद धार्मिक सहिष्णुता के समर्थक थे। वे मानते थे कि धर्म व्यक्ति का अपना निजी मामला है और इसलिए वह वैयक्तिक संबंधों में धार्मिक कट्टरता की निंदा करते थे। उनका विश्वास था कि जब भारतीय भी विचार व कर्म में अंग्रेजों जितने आधुनिक बन जाएँगे केवल तभी वह सफलता के साथ विदेशी शासन को ललकार सकेंगे। इसलिए उन्होंने सभी भारतीयों तथा खासकर शैक्षिक रूप से पिछड़े मुसलमानों को सलाह दी कि वह कुछ समय के लिए राजनीति से दूर रहे। सर सैयद ने सामाजिक सुधार के काम में उत्साह दिखाया। उन्होंने मुसलमानों से मध्यकालीन रीति-रिवाज तथा विचार व कर्म की पद्धतियों को छोड़ देने का आग्रह किया। महिलाओं की स्थिति सुधारने का प्रयास किया। पर्दा छोड़ने तथा शिक्षा-प्रसार का समर्थन किया। उन्होंने बहुविवाह प्रथा तथा मामूली बातों पर तलाक के रिवाज की भी निंदा की।

SubQuestion No : 14

Q.14 सहिष्णु का विलोम शब्द है:

Ans A. आसहिष्णु
 B. असहिष्णु

C. अवसहिष्णु

D. अनसहिष्णु

Question ID : **630680436738**

Option 1 ID : **6306801704888**

Option 2 ID : **6306801704885**

Option 3 ID : **6306801704886**

Option 4 ID : **6306801704887**

Status : **Answered**

Chosen Option : **B**

WWW.ALLEXAMREVIEW.COM

Comprehension:

दिए गए गद्यांश के आधार पर उत्तर दीजिए।

मुसलमानों में सबसे प्रमुख सुधारक सैयद अहमद खान (1817-1898) थे। वह आधुनिक वैज्ञानिक विचारों से काफी प्रभावित थे तथा जीवन भर इस्लाम के साथ उनका तालमेल करने के लिए प्रयत्नरत रहे। जीवनभर वे परम्परा के अंधानुकरण, रिवाजों पर भरोसा, अज्ञानतथा अबुद्धिवाद के खिलाफ संघर्ष करते रहे। उन्होंने लोगों से आलोचनात्मक दृष्टिकोण तथा विचारों की स्वतंत्रता अपनाने का आग्रह किया। उन्होंने कट्टरपंथ, संकुचित दृष्टि तथा अलग-थलग रहने के खिलाफ भी चेतावनी दी, तथा छात्रों और दूसरे लोगों से खुले दिल वाला तथा सहिष्णु बनने का आग्रह किया। उन्होंने कहा कि बंद दिमाग सामाजिक-बौद्धिक पिछड़ेपन की निशानी है। सैयद अहमद खान का विश्वास था कि मुसलमानों का धार्मिक और सामाजिक जीवन आधुनिक, पाश्चात्य वैज्ञानिक ज्ञान और संस्कृति को अपनाकर ही सुधर सकता है। इसलिए आधुनिक शिक्षा का प्रचार जीवन-पर्यंत उनका प्रथम ध्येय रहा। उन्होंने 1875 में अलीगढ़ में मुहम्मडन एंग्लो-ओरिएंटल कॉलेज की स्थापना पाश्चात्य विज्ञान तथा संस्कृति का प्रचार करने वाले एक केंद्र के रूप में की। इसी कॉलेज का विकास अलीगढ़ मुस्लिम विश्वविद्यालय के रूप में हुआ। सर सैयद धार्मिक सहिष्णुता के समर्थक थे। वे मानते थे कि धर्म व्यक्ति का अपना निजी मामला है और इसलिए वह वैयक्तिक संबंधों में धार्मिक कट्टरता की निंदा करते थे। उनका विश्वास था कि जब भारतीय भी विचार व कर्म में अंग्रेजों जितने आधुनिक बन जाएँगे केवल तभी वह सफलता के साथ विदेशी शासन को ललकार सकेंगे। इसलिए उन्होंने सभी भारतीयों तथा खासकर शैक्षिक रूप से पिछड़े मुसलमानों को सलाह दी कि वह कुछ समय के लिए राजनीति से दूर रहे। सर सैयद ने सामाजिक सुधार के काम में उत्साह दिखाया। उन्होंने मुसलमानों से मध्यकालीन रीति-रिवाज तथा विचार व कर्म की पद्धतियों को छोड़ देने का आग्रह किया। महिलाओं की स्थिति सुधारने का प्रयास किया। पर्दा छोड़ने तथा शिक्षा-प्रसार का समर्थन किया। उन्होंने बहुविवाह प्रथा तथा मामूली बातों पर तलाक के रिवाज की भी निंदा की।

SubQuestion No : 15

Q.15 सर सैयद ने जीवन भर क्या प्रयास किया?

- Ans
- A. इस्लाम में ईसाई परम्पराओं के अनुसार परिवर्तन लाने का।
 - B. मुसलमानों को पाश्चात्य रीतिरिवाजों में ढाल देने का।

C. मुसलमानों को आधुनिक बनाने का।

D.

इस्लाम के साथ आधुनिक वैज्ञानिक विचारों का तालमेल बैठाने का।

Question ID : 630680436739

Option 1 ID : 6306801704892

Option 2 ID : 6306801704890

Option 3 ID : 6306801704889

Option 4 ID : 6306801704891

Status : Answered

Chosen Option : D

Section : General English

Q.1 Select the sentence with grammatically correct verb form.

Ans A. I met her favourite teacher at a party.

B. I meets her favourite teacher at a party.

C. I had meeting her favourite teacher at a party.

D. I had meet her favourite teacher at a party.

Question ID : 630680436746

Option 1 ID : 6306801704918

Option 2 ID : 6306801704917

Option 3 ID : 6306801704920

Option 4 ID : 6306801704919

Status : Answered

Chosen Option : A

Q.2 Select the most appropriate option to fill in the blank.

He did not mind _____ whole oranges including peels and seeds.

Ans A. eat

B. to eat

C. eating

D. ate

Question ID : 630680436743

Option 1 ID : 6306801704905

Option 2 ID : 6306801704908

Option 3 ID : 6306801704907

Option 4 ID : 6306801704906

Status : Answered

Chosen Option : B

Q.3 Select the most appropriate synonym of the word given in brackets to fill in the blank.

She made a _____ (frivolous) remark which hurt her mother a lot.

- Ans**
- A. thoughtless
 - B. practical
 - C. sensible
 - D. serious

Question ID : **630680436748**
Option 1 ID : **6306801704926**
Option 2 ID : **6306801704927**
Option 3 ID : **6306801704928**
Option 4 ID : **6306801704925**
Status : **Not Answered**
Chosen Option : --

Q.4 Select the most appropriate meaning of the given idiom.

go the extra mile

- Ans**
- A. take a long walk
 - B. take a long route
 - C. make extra effort
 - D. exercise your power

Question ID : **630680436750**
Option 1 ID : **6306801704936**
Option 2 ID : **6306801704933**
Option 3 ID : **6306801704934**
Option 4 ID : **6306801704935**
Status : **Answered**
Chosen Option : **C**

Q.5 Select the option that substitutes the underlined word/ segment in the given proverb correctly. If no substitution is required, select 'No substitution required'.

hope for the best but prepare for adversity.

- Ans**
- A. bad days
 - B. the worst
 - C. misfortune
 - D. No substitution required

Question ID : **630680436749**
Option 1 ID : **6306801704931**
Option 2 ID : **6306801704929**
Option 3 ID : **6306801704930**
Option 4 ID : **6306801704932**
Status : **Not Answered**
Chosen Option : --

Q.6 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.

- A. The epicenter of the earthquake
- B. was four kilometers
- C. around 3 kilometers underground
- D. northwest of Kathmandu

Ans A. ACBD
 B. ADCB
 C. ABCD
 D. ABDC

Question ID : 630680436751
Option 1 ID : 6306801704938
Option 2 ID : 6306801704937
Option 3 ID : 6306801704939
Option 4 ID : 6306801704940
Status : Answered
Chosen Option : C

Q.7 Select the most appropriate option to fill in the blank.

The women of the Rene village saved the trees _____ being cut.

Ans A. for
 B. of
 C. from
 D. with

Question ID : 630680436742
Option 1 ID : 6306801704902
Option 2 ID : 6306801704901
Option 3 ID : 6306801704903
Option 4 ID : 6306801704904
Status : Answered
Chosen Option : C

Q.8 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

If we start now, / we reach home / before dark.

Ans A. we reach home
 B. before dark
 C. No error
 D. If we start now

Question ID : 630680436745
Option 1 ID : 6306801704914
Option 2 ID : 6306801704915
Option 3 ID : 6306801704916
Option 4 ID : 6306801704913
Status : Answered
Chosen Option : A

Q.9 Select the most appropriate ANTONYM of the word given in brackets to fill in the blank.

The sea was _____ (turbulent) and they had a trouble-free journey to Glasgow.

- Ans**
- A. rough
 - B. stormy
 - C. quivering
 - D. calm

Question ID : 630680436747

Option 1 ID : 6306801704921

Option 2 ID : 6306801704922

Option 3 ID : 6306801704924

Option 4 ID : 6306801704923

Status : Answered

Chosen Option : D

Q.10 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

I would love to go / with you, but I am having / some urgent work.

- Ans**
- A. I would love to go
 - B. some urgent work
 - C. No error
 - D. with you, but I am having

Question ID : 630680436744

Option 1 ID : 6306801704909

Option 2 ID : 6306801704911

Option 3 ID : 6306801704912

Option 4 ID : 6306801704910

Status : Answered

Chosen Option : D

Comprehension:

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

Vande Bharat Express trains are semi-high speed trains launched by the Indian Railways on several routes to reduce travel times between important cities in India. Till now, the trains have been inaugurated on five strategic routes, The most recent being South India's first Vande Bharat train on Mysuru-Chennai route. While the top speed of the Vande Bharat Express is claimed to be 180 kmph as achieved in trial runs, the average speed of all the five trains is about 100 kmph, which is higher than any other fast running trains, including Shatabdi and Rajdhani trains.

The new Vande Bharat Express train will give a boost to tourism, for passengers who travel regularly on Chennai - Bengaluru - Mysuru corridor it will reduce the travel time. The Vande Bharat train would cover Chennai - Bengaluru (336 Km) in 4 hrs and 30 minutes and between Chennai - Mysuru in 6 hrs and 40 minutes. The average speed of Chennai-Mysuru Vande Bharat ranges from 75-77 kmph as against 4 hours and 45 minutes (Chennai - Bengaluru) and 7 hours (Chennai -Mysuru) being clocked by Shatabdi Express.

All the coaches in the Vande Bharat Express trains are equipped with automatic doors, a GPS-based audio-visual passenger information system, on-board hotspot Wi-Fi for entertainment purposes, and comfortable seats. The executive class has rotating chairs and the train is focused on increased safety and reducing accidents on railway tracks.

SubQuestion No : 11

Q.11 What is the average speed of the latest Vande Bharat train?

- Ans
- A. 100 km/h
 - B. 130 km/h
 - C. 180 km/h
 - D. 75-77 km/h

Question ID : 630680436754

Option 1 ID : 6306801704947

Option 2 ID : 6306801704946

Option 3 ID : 6306801704945

Option 4 ID : 6306801704948

Status : Answered

Chosen Option : A

Comprehension:

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

Vande Bharat Express trains are semi-high speed trains launched by the Indian Railways on several routes to reduce travel times between important cities in India. Till now, the trains have been inaugurated on five strategic routes, The most recent being South India's first Vande Bharat train on Mysuru-Chennai route. While the top speed of the Vande Bharat Express is claimed to be 180 kmph as achieved in trial runs, the average speed of all the five trains is about 100 kmph, which is higher than any other fast running trains, including Shatabdi and Rajdhani trains.

The new Vande Bharat Express train will give a boost to tourism, for passengers who travel regularly on Chennai - Bengaluru - Mysuru corridor it will reduce the travel time. The Vande Bharat train would cover Chennai - Bengaluru (336 Km) in 4 hrs and 30 minutes and between Chennai - Mysuru in 6 hrs and 40 minutes. The average speed of Chennai-Mysuru Vande Bharat ranges from 75-77 kmph as against 4 hours and 45 minutes (Chennai - Bengaluru) and 7 hours (Chennai -Mysuru) being clocked by Shatabdi Express.

All the coaches in the Vande Bharat Express trains are equipped with automatic doors, a GPS-based audio-visual passenger information system, on-board hotspot Wi-Fi for entertainment purposes, and comfortable seats. The executive class has rotating chairs and the train is focused on increased safety and reducing accidents on railway tracks.

SubQuestion No : 12

Q.12 The passage is mainly about:

- Ans
- A. facilities in Vande Bharat trains
 - B. inauguration of Chennai- Mysuru Vande Bharat train
 - C. all high-speed trains in India
 - D. Vande Bharat trains in general

Question ID : 630680436753

Option 1 ID : 6306801704944

Option 2 ID : 6306801704943

Option 3 ID : 6306801704942

Option 4 ID : 6306801704941

Status : Answered

Chosen Option : D

Comprehension:

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

Vande Bharat Express trains are semi-high speed trains launched by the Indian Railways on several routes to reduce travel times between important cities in India. Till now, the trains have been inaugurated on five strategic routes, The most recent being South India's first Vande Bharat train on Mysuru-Chennai route. While the top speed of the Vande Bharat Express is claimed to be 180 kmph as achieved in trial runs, the average speed of all the five trains is about 100 kmph, which is higher than any other fast running trains, including Shatabdi and Rajdhani trains.

The new Vande Bharat Express train will give a boost to tourism, for passengers who travel regularly on Chennai - Bengaluru - Mysuru corridor it will reduce the travel time. The Vande Bharat train would cover Chennai - Bengaluru (336 Km) in 4 hrs and 30 minutes and between Chennai - Mysuru in 6 hrs and 40 minutes. The average speed of Chennai-Mysuru Vande Bharat ranges from 75-77 kmph as against 4 hours and 45 minutes (Chennai - Bengaluru) and 7 hours (Chennai -Mysuru) being clocked by Shatabdi Express.

All the coaches in the Vande Bharat Express trains are equipped with automatic doors, a GPS-based audio-visual passenger information system, on-board hotspot Wi-Fi for entertainment purposes, and comfortable seats. The executive class has rotating chairs and the train is focused on increased safety and reducing accidents on railway tracks.

SubQuestion No : 13

Q.13 'give a boost to tourism'. What is the most appropriate antonym of 'boost'?

- Ans
- A. disgrace
 - B. discourage
 - C. discover
 - D. discharge

Question ID : 630680436757

Option 1 ID : 6306801704958

Option 2 ID : 6306801704959

Option 3 ID : 6306801704957

Option 4 ID : 6306801704960

Status : Answered

Chosen Option : B

Comprehension:

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

Vande Bharat Express trains are semi-high speed trains launched by the Indian Railways on several routes to reduce travel times between important cities in India. Till now, the trains have been inaugurated on five strategic routes, The most recent being South India's first Vande Bharat train on Mysuru-Chennai route. While the top speed of the Vande Bharat Express is claimed to be 180 kmph as achieved in trial runs, the average speed of all the five trains is about 100 kmph, which is higher than any other fast running trains, including Shatabdi and Rajdhani trains.

The new Vande Bharat Express train will give a boost to tourism, for passengers who travel regularly on Chennai - Bengaluru - Mysuru corridor it will reduce the travel time. The Vande Bharat train would cover Chennai - Bengaluru (336 Km) in 4 hrs and 30 minutes and between Chennai - Mysuru in 6 hrs and 40 minutes. The average speed of Chennai-Mysuru Vande Bharat ranges from 75-77 kmph as against 4 hours and 45 minutes (Chennai - Bengaluru) and 7 hours (Chennai -Mysuru) being clocked by Shatabdi Express.

All the coaches in the Vande Bharat Express trains are equipped with automatic doors, a GPS-based audio-visual passenger information system, on-board hotspot Wi-Fi for entertainment purposes, and comfortable seats. The executive class has rotating chairs and the train is focused on increased safety and reducing accidents on railway tracks.

SubQuestion No : 14

Q.14 Which facility is NOT available in all the coaches of Vande Bharat trains?

- Ans
- A. rotating chairs
 - B. GPS-based audio-visual passenger information system.
 - C. on-board hotspot Wi-Fi for entertainment
 - D. automatic doors

Question ID : 630680436755

Option 1 ID : 6306801704950

Option 2 ID : 6306801704952

Option 3 ID : 6306801704949

Option 4 ID : 6306801704951

Status : Answered

Chosen Option : A

Comprehension:

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

Vande Bharat Express trains are semi-high speed trains launched by the Indian Railways on several routes to reduce travel times between important cities in India. Till now, the trains have been inaugurated on five strategic routes, The most recent being South India's first Vande Bharat train on Mysuru-Chennai route. While the top speed of the Vande Bharat Express is claimed to be 180 kmph as achieved in trial runs, the average speed of all the five trains is about 100 kmph, which is higher than any other fast running trains, including Shatabdi and Rajdhani trains.

The new Vande Bharat Express train will give a boost to tourism, for passengers who travel regularly on Chennai - Bengaluru - Mysuru corridor it will reduce the travel time. The Vande Bharat train would cover Chennai - Bengaluru (336 Km) in 4 hrs and 30 minutes and between Chennai - Mysuru in 6 hrs and 40 minutes. The average speed of Chennai-Mysuru Vande Bharat ranges from 75-77 kmph as against 4 hours and 45 minutes (Chennai - Bengaluru) and 7 hours (Chennai -Mysuru) being clocked by Shatabdi Express.

All the coaches in the Vande Bharat Express trains are equipped with automatic doors, a GPS-based audio-visual passenger information system, on-board hotspot Wi-Fi for entertainment purposes, and comfortable seats. The executive class has rotating chairs and the train is focused on increased safety and reducing accidents on railway tracks.

SubQuestion No : 15

Q.15 In how much time does Shatabdi express cover the distance between Chennai and Mysuru?

- Ans**
- A. 4 hrs and 30 minutes
 - B. 4 hrs and 45 minutes
 - C. 6 hrs and 40 minutes
 - D. 7 hours

Question ID : 630680436756

Option 1 ID : 6306801704953

Option 2 ID : 6306801704954

Option 3 ID : 6306801704955

Option 4 ID : 6306801704956

Status : Answered

Chosen Option : D

Section : Domain Knowledge

Q.1 Which class of insulating material can withstand maximum temperature?

- Ans
- A. Class-E
 - B. Class-A
 - C. Class-C
 - D. Class-Y

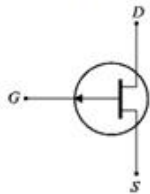
Question ID : 630680436814
 Option 1 ID : 6306801705187
 Option 2 ID : 6306801705186
 Option 3 ID : 6306801705188
 Option 4 ID : 6306801705185
 Status : Answered
 Chosen Option : C

Q.2 A transistor has a typical value of $\beta_{DC} = 250$. If the collector current is 20 mA, the base current will be _____.

- Ans
- A. 0.02 mA
 - B. 0.08 mA
 - C. 0.06 mA
 - D. 0.04 mA

Question ID : 630680436903
 Option 1 ID : 6306801705544
 Option 2 ID : 6306801705541
 Option 3 ID : 6306801705542
 Option 4 ID : 6306801705543
 Status : Answered
 Chosen Option : B

Q.3 The following symbol is used for:



- Ans
- A. n-channel MOSFET
 - B. n-channel JFET
 - C. p-channel MOSFET
 - D. p-channel JFET

Question ID : 630680436875
 Option 1 ID : 6306801705432
 Option 2 ID : 6306801705429
 Option 3 ID : 6306801705431
 Option 4 ID : 6306801705430
 Status : Answered
 Chosen Option : D

Q.4 DC generators produce electrical power on the basis of:

- Ans
- A. Ampere's law
 - B. Faraday's law
 - C. Maxwell's rule
 - D. Gauss's law

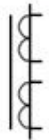
Question ID : 630680436789
Option 1 ID : 6306801705087
Option 2 ID : 6306801705086
Option 3 ID : 6306801705085
Option 4 ID : 6306801705088
Status : Answered
Chosen Option : B

Q.5 In the common collector configuration of a transistor, which of the following parameters is less than one?

- Ans
- A. Voltage gain
 - B. Output resistance
 - C. Input resistance
 - D. Current gain

Question ID : 630680436871
Option 1 ID : 6306801705415
Option 2 ID : 6306801705414
Option 3 ID : 6306801705413
Option 4 ID : 6306801705416
Status : Answered
Chosen Option : A

Q.6 Identify the following symbol.



- Ans
- A. Current transformer with two turns in secondary windings
 - B. Current transformer with two primary windings on one core
 - C. Current transformer with two secondary windings on one core
 - D. Current transformer with two cores

Question ID : 630680436833
Option 1 ID : 6306801705264
Option 2 ID : 6306801705261
Option 3 ID : 6306801705262
Option 4 ID : 6306801705263
Status : Answered
Chosen Option : C

Q.7 Eddy current damping cannot be used with _____.

- Ans
- A. induction type instruments
 - B. hot wire instruments
 - C. moving coil instruments
 - D. moving iron instruments

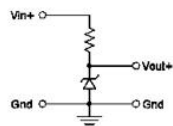
Question ID : 630680436839
 Option 1 ID : 6306801705288
 Option 2 ID : 6306801705287
 Option 3 ID : 6306801705285
 Option 4 ID : 6306801705286
 Status : Answered
 Chosen Option : D

Q.8 In double delta transformation, double delta refers to the _____ connection of two transformations.

- Ans
- A. parallel; delta
 - B. series; star
 - C. parallel; star
 - D. series; delta

Question ID : 630680436825
 Option 1 ID : 6306801705231
 Option 2 ID : 6306801705230
 Option 3 ID : 6306801705229
 Option 4 ID : 6306801705232
 Status : Not Answered
 Chosen Option : --

Q.9 For the circuit given below, if $V_{in+} = 10\text{ V}$ and the Zener diode is rated for 5.1 V, what will be the output voltage?



- Ans
- A. 4.9 V
 - B. 5.1 V
 - C. 0 V
 - D. 10 V

Question ID : 630680436899
 Option 1 ID : 6306801705525
 Option 2 ID : 6306801705526
 Option 3 ID : 6306801705528
 Option 4 ID : 6306801705527
 Status : Answered
 Chosen Option : B

Q.10 In which of the following cases will the resistance of the meter be the largest?

- Ans
- A. Voltmeter with 100 V range
 - B. Voltmeter with 20 V range
 - C. Voltmeter with 10 V range
 - D. Voltmeter with 1 V range

Question ID : 630680436843
Option 1 ID : 6306801705304
Option 2 ID : 6306801705303
Option 3 ID : 6306801705302
Option 4 ID : 6306801705301
Status : Answered
Chosen Option : A

Q.11 A transistor is considered to be in active region when collector-base junction is _____ biased and emitter-base junction is _____ biased.

- Ans
- A. reverse; forward
 - B. forward; forward
 - C. forward; reverse
 - D. reverse; reverse

Question ID : 630680436870
Option 1 ID : 6306801705410
Option 2 ID : 6306801705411
Option 3 ID : 6306801705409
Option 4 ID : 6306801705412
Status : Answered
Chosen Option : A

Q.12 Which tool is used for boring small holes in wooden articles?

- Ans
- A. Screw driver
 - B. Gimlet
 - C. Neon tester
 - D. Firmer chisel

Question ID : 630680436762
Option 1 ID : 6306801704977
Option 2 ID : 6306801704978
Option 3 ID : 6306801704980
Option 4 ID : 6306801704979
Status : Answered
Chosen Option : B

Q.13 Which of the following instruments is integrating type?

- Ans A. Watt-hour meter
 B. X-Y plotter
 C. Ammeter
 D. Voltmeter

Question ID : 630680436841
Option 1 ID : 6306801705293
Option 2 ID : 6306801705296
Option 3 ID : 6306801705295
Option 4 ID : 6306801705294
Status : Answered
Chosen Option : A

Q.14 How many turns are there in the shading coil of the shaded pole induction motor?

- Ans A. Two
 B. One
 C. Five
 D. Ten

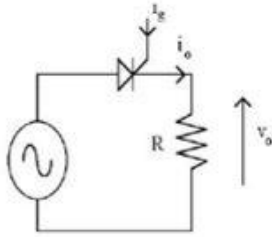
Question ID : 630680436857
Option 1 ID : 6306801705358
Option 2 ID : 6306801705357
Option 3 ID : 6306801705359
Option 4 ID : 6306801705360
Status : Answered
Chosen Option : B

Q.15 In which lighting scheme, the light distribution upwards and downwards is almost equal?

- Ans A. Semi-indirect lighting scheme
 B. General diffusing scheme
 C. Semi-direct lighting scheme
 D. Direct lighting scheme

Question ID : 630680436893
Option 1 ID : 6306801705504
Option 2 ID : 6306801705503
Option 3 ID : 6306801705502
Option 4 ID : 6306801705501
Status : Answered
Chosen Option : B

Q.16 Identify the following circuit.



- Ans
- A. Single-phase series inverter
 - B. Single-phase halfwave controlled rectifier
 - C. Single-phase full wave rectifier
 - D. Single-phase cycloconverter

Question ID : 630680436879

Option 1 ID : 6306801705447

Option 2 ID : 6306801705445

Option 3 ID : 6306801705446

Option 4 ID : 6306801705448

Status : Answered

Chosen Option : B

Q.17 Which of the following cells is known as 'Edison cell'?

- Ans
- A. Lithium-iron cell
 - B. Nickel-iron cell
 - C. Magnesium-iron cell
 - D. Lead acid cell

Question ID : 630680436783

Option 1 ID : 6306801705062

Option 2 ID : 6306801705061

Option 3 ID : 6306801705064

Option 4 ID : 6306801705063

Status : Answered

Chosen Option : B

Q.18 Which of the following devices is also called a double-based diode?

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

Question ID : 630680436906

Option 1 ID : 6306801705556

Option 2 ID : 6306801705554

Option 3 ID : 6306801705555

Option 4 ID : 6306801705553

Status : Answered

Chosen Option : D

Q.19 Which of the following parts is NOT found in an ordinary (non-automatic) electric iron?

- Ans
- A. Ole plate
 - B. Thermostat
 - C. Pressure plate
 - D. Heating element

Question ID : 630680436799

Option 1 ID : 6306801705125

Option 2 ID : 6306801705128

Option 3 ID : 6306801705127

Option 4 ID : 6306801705126

Status : Answered

Chosen Option : A

Q.20 The magnetisation curve of a magnetic material actually exhibits the relationship between _____ and _____.

- Ans
- A. reluctance; MMF
 - B. flux density; field strength
 - C. flux density; permeance
 - D. field strength; flux

Question ID : 630680436793

Option 1 ID : 6306801705102

Option 2 ID : 6306801705101

Option 3 ID : 6306801705103

Option 4 ID : 6306801705104

Status : Answered

Chosen Option : B

Q.21 In _____, the resistance falls with increase in the intensity of illumination.

- Ans
- A. LDRs
 - B. thermistors
 - C. sensistors
 - D. VDRs

Question ID : 630680436885

Option 1 ID : 6306801705469

Option 2 ID : 6306801705471

Option 3 ID : 6306801705472

Option 4 ID : 6306801705470

Status : Answered

Chosen Option : A

Q.22 The phenomenon that magnetic lines of force tend to bulge out when crossing an air gap is known as _____.

- Ans
- A. linking
 - B. shrinking
 - C. ringing
 - D. fringing

Question ID : 630680436792
Option 1 ID : 6306801705100
Option 2 ID : 6306801705097
Option 3 ID : 6306801705098
Option 4 ID : 6306801705099
Status : Answered
Chosen Option : D

Q.23 Calculate the hot resistance of the 100 W/250 V rated bulb.

- Ans
- A. 250 Ω
 - B. 25 Ω
 - C. 62.5 Ω
 - D. 625 Ω

Question ID : 630680436779
Option 1 ID : 6306801705047
Option 2 ID : 6306801705045
Option 3 ID : 6306801705048
Option 4 ID : 6306801705046
Status : Answered
Chosen Option : D

Q.24 In n-type semiconductors, _____ are the minority carriers and _____ are the majority carriers.

- Ans
- A. holes; electrons
 - B. neutrons; electrons
 - C. holes; neutrons
 - D. electrons; holes

Question ID : 630680436869
Option 1 ID : 6306801705405
Option 2 ID : 6306801705407
Option 3 ID : 6306801705408
Option 4 ID : 6306801705406
Status : Answered
Chosen Option : A

Q.25 A 3-phase transformer connected in _____ manner continues to operate even if one of the transformers fails.

- Ans
- A. Δ -Y
 - B. Y- Δ
 - C. Y-Y
 - D. Δ - Δ

Question ID : 630680436832
Option 1 ID : 6306801705257
Option 2 ID : 6306801705258
Option 3 ID : 6306801705259
Option 4 ID : 6306801705260
Status : Answered
Chosen Option : D

Q.26 How many control springs are required in power factor meters?

- Ans
- A. Zero
 - B. One
 - C. Two
 - D. Four

Question ID : 630680436842
Option 1 ID : 6306801705297
Option 2 ID : 6306801705298
Option 3 ID : 6306801705299
Option 4 ID : 6306801705300
Status : Answered
Chosen Option : A

Q.27 In a hot plate, the heater plate is made up of _____ material.

- Ans
- A. electrically and thermally insulating
 - B. electrically and thermally conducting
 - C. electrically insulating but thermally conducting
 - D. electrically conducting but thermally insulating

Question ID : 630680436800
Option 1 ID : 6306801705131
Option 2 ID : 6306801705132
Option 3 ID : 6306801705129
Option 4 ID : 6306801705130
Status : Answered
Chosen Option : C

Q.28 A reading of 100 V measured on a digital multimeter, ranges from 98 V to 102 V. Calculate the accuracy.

- Ans**
- A. $\pm 0.2\%$
 - B. $\pm 0.4\%$
 - C. $\pm 4\%$
 - D. $\pm 2\%$

Question ID : 630680436845
Option 1 ID : 6306801705311
Option 2 ID : 6306801705312
Option 3 ID : 6306801705310
Option 4 ID : 6306801705309
Status : Answered
Chosen Option : D

Q.29 What should be the minimum input voltage for IC 7812?

- Ans**
- A. 12 V
 - B. 20 V
 - C. 14 V
 - D. 24 V

Question ID : 630680436836
Option 1 ID : 6306801705273
Option 2 ID : 6306801705275
Option 3 ID : 6306801705274
Option 4 ID : 6306801705276
Status : Answered
Chosen Option : C

Q.30 In a step down chopper, the duty cycle is always _____.

- Ans**
- A. between zero and unity
 - B. greater than unity
 - C. zero
 - D. unity

Question ID : 630680436880
Option 1 ID : 6306801705452
Option 2 ID : 6306801705450
Option 3 ID : 6306801705449
Option 4 ID : 6306801705451
Status : Answered
Chosen Option : A

Q.31 The power input to a 3-phase induction motor is 60 kW. Total stator losses are 1 kW. If the slip is 3%, find the rotor copper losses per phase.

- Ans**
- A. 1.77 kW
 - B. 0.29 kW
 - C. 0.59 kW
 - D. 1.18 kW

Question ID : 630680436897
Option 1 ID : 6306801705517
Option 2 ID : 6306801705520
Option 3 ID : 6306801705519
Option 4 ID : 6306801705518
Status : Answered
Chosen Option : C

Q.32 In a dual-slope integrating type measuring instrument, the accuracy of the method is _____ the oscillator frequency.

- Ans**
- A. independent of
 - B. inversely proportional to
 - C. directly proportional to
 - D. directly proportional to the square of

Question ID : 630680436846
Option 1 ID : 6306801705315
Option 2 ID : 6306801705314
Option 3 ID : 6306801705313
Option 4 ID : 6306801705316
Status : Not Answered
Chosen Option : --

Q.33 In which of the following applications must the starting torque be more than the rated torque?

- Ans**
- A. Drilling machines
 - B. Conveyers
 - C. Lathe machines
 - D. Fans

Question ID : 630680436809
Option 1 ID : 6306801705166
Option 2 ID : 6306801705168
Option 3 ID : 6306801705167
Option 4 ID : 6306801705165
Status : Answered
Chosen Option : B

Q.34 The symbol given below is used for:



- Ans
- A. pulse transformer
 - B. auto-transformer
 - C. 3-winding transformer
 - D. rotary switch

Question ID : 630680436817
Option 1 ID : 6306801705200
Option 2 ID : 6306801705198
Option 3 ID : 6306801705199
Option 4 ID : 6306801705197
Status : Answered
Chosen Option : C

Q.35 Which of the following gases is suitable for neon tubes?

- Ans
- A. Argon
 - B. Actinon
 - C. Radon
 - D. Thoron

Question ID : 630680436892
Option 1 ID : 6306801705500
Option 2 ID : 6306801705499
Option 3 ID : 6306801705498
Option 4 ID : 6306801705497
Status : Answered
Chosen Option : A

Q.36 Wire-wound resistors are manufactured using _____ wire.

- Ans
- A. aluminium
 - B. iron
 - C. nichrome
 - D. copper

Question ID : 630680436796
Option 1 ID : 6306801705116
Option 2 ID : 6306801705114
Option 3 ID : 6306801705113
Option 4 ID : 6306801705115
Status : Answered
Chosen Option : C

Q.37 Which metal is mostly used for the bit of the soldering iron?

- Ans
- A. Tin
 - B. Silver
 - C. Copper
 - D. Iron

Question ID : 630680436770
Option 1 ID : 6306801705010
Option 2 ID : 6306801705009
Option 3 ID : 6306801705012
Option 4 ID : 6306801705011
Status : Answered
Chosen Option : C

Q.38 1 mA current = _____ current.

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

Question ID : 630680436769
Option 1 ID : 6306801705007
Option 2 ID : 6306801705008
Option 3 ID : 6306801705005
Option 4 ID : 6306801705006
Status : Answered
Chosen Option : B

Q.39 Which of the following is an INCORRECT method for extending the range of measuring instruments?

- Ans
- A. Multipliers
 - B. Shunts
 - C. Isolation transformers
 - D. Current transformers

Question ID : 630680436844
Option 1 ID : 6306801705306
Option 2 ID : 6306801705305
Option 3 ID : 6306801705307
Option 4 ID : 6306801705308
Status : Answered
Chosen Option : C

Q.40 As compared to concentrated winding, which of the following is INCORRECT for distributed winding?

- Ans**
- A. Less leakage reactance
 - B. Less efficiency
 - C. Harmonics are eliminated
 - D. Less leakage flux

Question ID : 630680436852
Option 1 ID : 6306801705338
Option 2 ID : 6306801705340
Option 3 ID : 6306801705339
Option 4 ID : 6306801705337
Status : Answered
Chosen Option : B

Q.41 The resistance of a resistor is 55 Ω at 25°C. If the temperature coefficient at 0°C is 0.004 per °C, then find the resistance at 0° C.

- Ans**
- A. 25 Ω
 - B. 100 Ω
 - C. 50 Ω
 - D. 75 Ω

Question ID : 630680436798
Option 1 ID : 6306801705124
Option 2 ID : 6306801705121
Option 3 ID : 6306801705123
Option 4 ID : 6306801705122
Status : Answered
Chosen Option : C

Q.42 The electron is _____ larger in diameter than the proton.

- Ans**
- A. 10 times
 - B. 2 times
 - C. 5 times
 - D. 3 times

Question ID : 630680436766
Option 1 ID : 6306801704996
Option 2 ID : 6306801704993
Option 3 ID : 6306801704995
Option 4 ID : 6306801704994
Status : Not Answered
Chosen Option : --

Q.43 In a DC generator, the generated EMF is inversely proportional to the:

- Ans**
- A. total number of conductors in armature
 - B. number of parallel paths
 - C. total number of poles
 - D. flux

Question ID : 630680436803
Option 1 ID : 6306801705143
Option 2 ID : 6306801705144
Option 3 ID : 6306801705141
Option 4 ID : 6306801705142
Status : Answered
Chosen Option : B

Q.44 A coil has a self-inductance of 10 H. If current flowing through the coil is changing at the rate of 0.1 A/s, then the EMF induced in the coil will be _____.

- Ans**
- A. 10 V
 - B. 1 V
 - C. 0.1 V
 - D. 100 V

Question ID : 630680436794
Option 1 ID : 6306801705106
Option 2 ID : 6306801705107
Option 3 ID : 6306801705108
Option 4 ID : 6306801705105
Status : Answered
Chosen Option : B

Q.45 A stepper motor has 10 stator teeth and 8 rotor teeth. Find the step angle.

- Ans**
- A. 3°
 - B. 6°
 - C. 12°
 - D. 9°

Question ID : 630680436862
Option 1 ID : 6306801705377
Option 2 ID : 6306801705378
Option 3 ID : 6306801705380
Option 4 ID : 6306801705379
Status : Answered
Chosen Option : D

Q.46 The 'L' shell of an atom can have maximum _____ electrons.

- Ans
- A. 32
 - B. 8
 - C. 18
 - D. 2

Question ID : 630680436767
Option 1 ID : 6306801704997
Option 2 ID : 6306801704999
Option 3 ID : 6306801704998
Option 4 ID : 6306801705000
Status : Answered
Chosen Option : B

Q.47 What is the full form of MCB?

- Ans
- A. Maximum Current Breaker
 - B. Miniature Circuit Breaker
 - C. Minimum Current Bias
 - D. Miniature Circuit Box

Question ID : 630680436815
Option 1 ID : 6306801705191
Option 2 ID : 6306801705190
Option 3 ID : 6306801705192
Option 4 ID : 6306801705189
Status : Answered
Chosen Option : B

Q.48 In a DC generator, the _____ provide(s) mechanical support for the poles and acts as the protecting cover for the whole machine.

- Ans
- A. armature
 - B. pole shoes
 - C. commutator
 - D. yoke

Question ID : 630680436886
Option 1 ID : 6306801705475
Option 2 ID : 6306801705473
Option 3 ID : 6306801705476
Option 4 ID : 6306801705474
Status : Answered
Chosen Option : D

Q.49 With a star-delta starter, the starting current from the main supply is _____ of that with direct switching in delta.

- Ans**
- A. one-third
 - B. one-half
 - C. one-fifth
 - D. one-fourth

Question ID : **630680436858**
Option 1 ID : **6306801705362**
Option 2 ID : **6306801705361**
Option 3 ID : **6306801705364**
Option 4 ID : **6306801705363**
Status : **Answered**
Chosen Option : **A**

Q.50 Which of the following transformers has the turns ratio equal to unity?

- Ans**
- A. Step down transformer
 - B. Isolation transformer
 - C. Step up transformer
 - D. Autotransformer

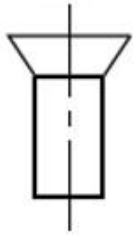
Question ID : **630680436830**
Option 1 ID : **6306801705250**
Option 2 ID : **6306801705251**
Option 3 ID : **6306801705249**
Option 4 ID : **6306801705252**
Status : **Answered**
Chosen Option : **B**

Q.51 In Fleming's left-hand rule, the thumb is used to show the direction of _____.

- Ans**
- A. the motion of the conductor
 - B. the current in the conductor
 - C. induced EMF
 - D. the magnetic field

Question ID : **630680436788**
Option 1 ID : **6306801705081**
Option 2 ID : **6306801705084**
Option 3 ID : **6306801705082**
Option 4 ID : **6306801705083**
Status : **Answered**
Chosen Option : **A**

Q.52 Identify the type of rivet given below.



- Ans
- A. Tinman's rivet
 - B. Counter-sunk rivet
 - C. Flat head rivet
 - D. Round head rivet

Question ID : 630680436763
Option 1 ID : 6306801704981
Option 2 ID : 6306801704984
Option 3 ID : 6306801704982
Option 4 ID : 6306801704983
Status : Answered
Chosen Option : B

Q.53 There are _____ terminals in a two-way switch.

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

Question ID : 630680436780
Option 1 ID : 6306801705050
Option 2 ID : 6306801705052
Option 3 ID : 6306801705051
Option 4 ID : 6306801705049
Status : Answered
Chosen Option : A

Q.54 Who among the following gave the cork screw rule?

- Ans
- A. Faraday
 - B. Lenz
 - C. Fleming
 - D. Maxwell

Question ID : 630680436787
Option 1 ID : 6306801705078
Option 2 ID : 6306801705080
Option 3 ID : 6306801705077
Option 4 ID : 6306801705079
Status : Answered
Chosen Option : D

Q.55 In power amplifiers, _____ coupling is used.

- Ans
- A. capacitor
 - B. transformer
 - C. direct
 - D. resistor-capacitor

Question ID : 630680436874
Option 1 ID : 6306801705427
Option 2 ID : 6306801705426
Option 3 ID : 6306801705425
Option 4 ID : 6306801705428
Status : Answered
Chosen Option : B

Q.56 Which of the following materials is used for the field coils of a DC generator?

- Ans
- A. Nichrome
 - B. Carbon
 - C. Copper
 - D. Silica

Question ID : 630680436802
Option 1 ID : 6306801705140
Option 2 ID : 6306801705138
Option 3 ID : 6306801705139
Option 4 ID : 6306801705137
Status : Answered
Chosen Option : C

Q.57 What is the effect of the addition of ground rods in the earthing grid?

- Ans
- A. Earth resistance remains constant
 - B. Earth resistance will become infinite
 - C. Slightly increases the earth resistance
 - D. Slightly decreases the earth resistance

Question ID : 630680436819
Option 1 ID : 6306801705206
Option 2 ID : 6306801705207
Option 3 ID : 6306801705208
Option 4 ID : 6306801705205
Status : Answered
Chosen Option : D

Q.58 Which of the following insulating materials does NOT belong to Class-Y?

- Ans
- A. Silk
 - B. Asbestos
 - C. Cotton
 - D. Paper

Question ID : 630680436813
Option 1 ID : 6306801705183
Option 2 ID : 6306801705181
Option 3 ID : 6306801705182
Option 4 ID : 6306801705184
Status : Answered
Chosen Option : B

Q.59 An explosion vent is _____ device fitted to the transformer.

- Ans
- A. a pressure release
 - B. a spark release
 - C. an oil release
 - D. a water release

Question ID : 630680436834
Option 1 ID : 6306801705265
Option 2 ID : 6306801705268
Option 3 ID : 6306801705266
Option 4 ID : 6306801705267
Status : Answered
Chosen Option : A

Q.60 Electrostatic instruments are an example of _____.

- Ans
- A. fluid friction damping
 - B. air friction damping
 - C. electromagnetic damping
 - D. eddy current damping

Question ID : 630680436840
Option 1 ID : 6306801705291
Option 2 ID : 6306801705292
Option 3 ID : 6306801705290
Option 4 ID : 6306801705289
Status : Answered
Chosen Option : A

Q.61 For a sinusoidal current, the peak value is 50 A. Find the peak-to-peak value.

- Ans**
- A. 37 A
 - B. 50 A
 - C. 70 A
 - D. 100 A

Question ID : 630680436822
Option 1 ID : 6306801705220
Option 2 ID : 6306801705219
Option 3 ID : 6306801705218
Option 4 ID : 6306801705217
Status : Answered
Chosen Option : D

Q.62 Which of the following is INCORRECT for concealed conduit wiring?

- Ans**
- A. High risk of shock
 - B. Appearance is good
 - C. Costlier than surface conduit wiring
 - D. Complex installation

Question ID : 630680436816
Option 1 ID : 6306801705194
Option 2 ID : 6306801705196
Option 3 ID : 6306801705195
Option 4 ID : 6306801705193
Status : Answered
Chosen Option : A

Q.63 A 25 kVA transformer has a voltage ratio of 3300/400 V. Calculate the secondary current.

- Ans**
- A. 75 A
 - B. 62.5 A
 - C. 50 A
 - D. 25 A

Question ID : 630680436890
Option 1 ID : 6306801705492
Option 2 ID : 6306801705491
Option 3 ID : 6306801705490
Option 4 ID : 6306801705489
Status : Answered
Chosen Option : B

Q.64 The reverse of the maintenance factor is called _____.

- Ans A. depreciation factor
 B. absorption factor
 C. waste-light factor
 D. utilisation factor

Question ID : 630680436847

Option 1 ID : 6306801705319

Option 2 ID : 6306801705320

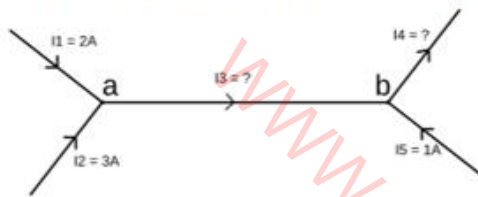
Option 3 ID : 6306801705318

Option 4 ID : 6306801705317

Status : Answered

Chosen Option : A

Q.65 Find the current I_4 in the following diagram.



- Ans A. 6 A
 B. 7 A
 C. 4 A
 D. 5 A

Question ID : 630680436884

Option 1 ID : 6306801705467

Option 2 ID : 6306801705468

Option 3 ID : 6306801705465

Option 4 ID : 6306801705466

Status : Answered

Chosen Option : A

Q.66 The phase of sequence of an alternator is YBR. The direction of its rotor rotation is reversed. The phase sequence will be _____.

- Ans A. YBR
 B. RYB
 C. BYR
 D. BRY

Question ID : 630680436895

Option 1 ID : 6306801705509

Option 2 ID : 6306801705512

Option 3 ID : 6306801705510

Option 4 ID : 6306801705511

Status : Answered

Chosen Option : C

Q.67 In a lighting subcircuit, 8 light points are provided and each point is having a load capacity of 60 W. How many additional light or fan points can be added in the same subcircuit?

- Ans
- A. Two
 - B. Zero
 - C. Four
 - D. One

Question ID : 630680436850
Option 1 ID : 6306801705330
Option 2 ID : 6306801705332
Option 3 ID : 6306801705329
Option 4 ID : 6306801705331
Status : Answered
Chosen Option : A

Q.68 A 3-phase 4-wire system supplies power to a balanced star-connected load. If the current in each phase is 25 A, find the current in the neutral wire.

- Ans
- A. $25\sqrt{3}$ A
 - B. 75 A
 - C. 0 A
 - D. 25 A

Question ID : 630680436826
Option 1 ID : 6306801705235
Option 2 ID : 6306801705236
Option 3 ID : 6306801705233
Option 4 ID : 6306801705234
Status : Answered
Chosen Option : C

Q.69 For a domestic application, what is the acceptable value of grounding resistance?

- Ans
- A. 1 Ω
 - B. 10 k Ω
 - C. 100 Ω
 - D. 0.01 Ω

Question ID : 630680436818
Option 1 ID : 6306801705202
Option 2 ID : 6306801705204
Option 3 ID : 6306801705203
Option 4 ID : 6306801705201
Status : Answered
Chosen Option : A

Q.70 The armature MMF in a DC machine is _____ with respect to field poles and _____ with reference to armature.

- Ans
- A. zero; infinite
 - B. infinite; zero
 - C. stationary; rotating
 - D. rotating; stationary

Question ID : 630680436806
Option 1 ID : 6306801705155
Option 2 ID : 6306801705156
Option 3 ID : 6306801705153
Option 4 ID : 6306801705154
Status : Answered
Chosen Option : D

Q.71 Which of the following is NOT a desirable characteristic of fuse wire?

- Ans
- A. Free from oxidation
 - B. High conductivity
 - C. Low melting point
 - D. High resistivity

Question ID : 630680436863
Option 1 ID : 6306801705382
Option 2 ID : 6306801705383
Option 3 ID : 6306801705381
Option 4 ID : 6306801705384
Status : Answered
Chosen Option : D

Q.72 For 220 kV lines, _____ cables are preferred.

- Ans
- A. rubber insulated
 - B. paper insulated
 - C. glass insulated
 - D. compressed gas insulated

Question ID : 630680436776
Option 1 ID : 6306801705036
Option 2 ID : 6306801705034
Option 3 ID : 6306801705035
Option 4 ID : 6306801705033
Status : Answered
Chosen Option : D

Q.73 What will be the output voltage of IC 7906?

- Ans A. -6 V
 B. -5 V
 C. +6 V
 D. +5 V

Question ID : 630680436835
Option 1 ID : 6306801705272
Option 2 ID : 6306801705271
Option 3 ID : 6306801705270
Option 4 ID : 6306801705269
Status : Answered
Chosen Option : A

Q.74 Find the period of the signal if the frequency is 100 kHz.

- Ans A. 10 μ s
 B. 100 ms
 C. 100 μ s
 D. 10 ms

Question ID : 630680436821
Option 1 ID : 6306801705214
Option 2 ID : 6306801705215
Option 3 ID : 6306801705213
Option 4 ID : 6306801705216
Status : Answered
Chosen Option : A

Q.75 A 100 Ω resistor is connected across a 5 V battery. Find the current through the resistor.

- Ans A. 0.05 A
 B. 0.05 mA
 C. 0.5 A
 D. 0.5 mA

Question ID : 630680436778
Option 1 ID : 6306801705042
Option 2 ID : 6306801705044
Option 3 ID : 6306801705041
Option 4 ID : 6306801705043
Status : Answered
Chosen Option : A

Q.76 For bistable multivibrator, which of the following statements is INCORRECT?

- Ans
- A. A trigger pulse is required to change the state.
 - B. It has two stable states.
 - C. It is also called one-shot multivibrator.
 - D. It can generate square wave output.

Question ID : 630680436873
Option 1 ID : 6306801705423
Option 2 ID : 6306801705421
Option 3 ID : 6306801705424
Option 4 ID : 6306801705422
Status : Answered
Chosen Option : A

Q.77 High voltages can be measured using potential transformer with _____.

- Ans
- A. low range ammeter
 - B. high range voltmeter
 - C. high range ammeter
 - D. low range voltmeter

Question ID : 630680436829
Option 1 ID : 6306801705247
Option 2 ID : 6306801705246
Option 3 ID : 6306801705248
Option 4 ID : 6306801705245
Status : Answered
Chosen Option : D

Q.78 In which type of soldering, all components on a PCB are soldered at once?

- Ans
- A. Hand soldering
 - B. Wave soldering
 - C. Point soldering
 - D. Selective soldering

Question ID : 630680436772
Option 1 ID : 6306801705017
Option 2 ID : 6306801705019
Option 3 ID : 6306801705018
Option 4 ID : 6306801705020
Status : Answered
Chosen Option : B

Q.79 Soft solders are alloys which have a melting point below _____.

- Ans
- A. 50°C
 - B. 300°C
 - C. 150°C
 - D. 100°C

Question ID : 630680436771
Option 1 ID : 6306801705016
Option 2 ID : 6306801705013
Option 3 ID : 6306801705014
Option 4 ID : 6306801705015
Status : Answered
Chosen Option : B

Q.80 Which of the following is correct for a synchronous motor?

- Ans
- A. It operates at leading powers factor only.
 - B. It runs either at synchronous speed or not at all.
 - C. It operates at lagging power factors only.
 - D. It is self-starting.

Question ID : 630680436854
Option 1 ID : 6306801705347
Option 2 ID : 6306801705346
Option 3 ID : 6306801705348
Option 4 ID : 6306801705345
Status : Answered
Chosen Option : B

Q.81 In an HRC fuse, the arc produced at the time of blowing up of the fuse is absorbed by the _____.

- Ans
- A. fuse element
 - B. brass end caps
 - C. incombustible powder
 - D. ceramic body

Question ID : 630680436864
Option 1 ID : 6306801705387
Option 2 ID : 6306801705386
Option 3 ID : 6306801705385
Option 4 ID : 6306801705388
Status : Answered
Chosen Option : C

Q.82 Which of the following torques is a measure of the short-time overloading capacity of an induction motor?

- Ans
- A. Starting torque
 - B. Running torque
 - C. Pull-in torque
 - D. Pull-out torque

Question ID : 630680436898
Option 1 ID : 6306801705521
Option 2 ID : 6306801705522
Option 3 ID : 6306801705523
Option 4 ID : 6306801705524
Status : Answered
Chosen Option : D

Q.83 A magnet is broken into two pieces. Which of the following statements is true?

- Ans
- A. Only the bigger piece will have poles.
 - B. Only one piece will remain a magnet.
 - C. One piece will have a north pole and the other piece will have a south pole.
 - D. Each piece will have a north pole and a south pole.

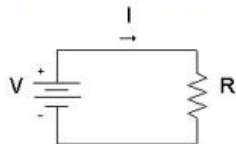
Question ID : 630680436786
Option 1 ID : 6306801705076
Option 2 ID : 6306801705075
Option 3 ID : 6306801705074
Option 4 ID : 6306801705073
Status : Answered
Chosen Option : D

Q.84 In which of the following cases will a silicon diode be considered as an 'ON' switch?

- Ans
- A. Anode is grounded and cathode is positive
 - B. Anode is positive and cathode is negative
 - C. Anode and cathode both are grounded
 - D. Anode is negative and cathode is positive

Question ID : 630680436868
Option 1 ID : 6306801705403
Option 2 ID : 6306801705404
Option 3 ID : 6306801705401
Option 4 ID : 6306801705402
Status : Answered
Chosen Option : B

Q.85 In the circuit given below, if $V = 25 \text{ V}$ and $R = 2.5 \text{ k}\Omega$, calculate the current.



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

Question ID : 630680436883

Option 1 ID : 6306801705464

Option 2 ID : 6306801705463

Option 3 ID : 6306801705461

Option 4 ID : 6306801705462

Status : Answered

Chosen Option : D

Q.86 The hand drill is used for drilling holes up to _____ diameter.

- Ans
- A. 2.5 mm
 - B. 6.5 mm
 - C. 12.5 mm
 - D. 0.5 mm

Question ID : 630680436764

Option 1 ID : 6306801704986

Option 2 ID : 6306801704987

Option 3 ID : 6306801704988

Option 4 ID : 6306801704985

Status : Not Answered

Chosen Option : --

Q.87 A coil has an inductance of 0.08 H. The inductive reactance of the coil at a frequency of 50 Hz will be:

- Ans
- A. 6.28 Ω
 - B. 3.14 Ω
 - C. 12.56 Ω
 - D. 25.13 Ω

Question ID : 630680436888

Option 1 ID : 6306801705483

Option 2 ID : 6306801705484

Option 3 ID : 6306801705481

Option 4 ID : 6306801705482

Status : Answered

Chosen Option : D

Q.88 For a transistor, the common emitter current gain is 250. Calculate the common collector current gain.

- Ans**
- A. 249
 - B. 125
 - C. 251
 - D. 250

Question ID : 630680436902
Option 1 ID : 6306801705537
Option 2 ID : 6306801705540
Option 3 ID : 6306801705539
Option 4 ID : 6306801705538
Status : Answered
Chosen Option : A

Q.89 Which of the following is unidirectional device?

- Ans**
- A. Silicon Bilateral Switch
 - B. GTO
 - C. DIAC
 - D. TRIAC

Question ID : 630680436877
Option 1 ID : 6306801705439
Option 2 ID : 6306801705440
Option 3 ID : 6306801705437
Option 4 ID : 6306801705438
Status : Answered
Chosen Option : B

Q.90 Which of the following signs is found on every petrol pump?

- Ans**
- A. Risk of radiation hazard
 - B. Dead end of road
 - C. No smoking
 - D. Wear eye protection

Question ID : 630680436758
Option 1 ID : 6306801704963
Option 2 ID : 6306801704964
Option 3 ID : 6306801704962
Option 4 ID : 6306801704961
Status : Answered
Chosen Option : C

Q.91 The function of a DC machine is:

Ans A.

to convert mechanical energy into AC electrical energy and vice versa

B.

to convert chemical energy into DC electrical energy and vice versa

C.

to convert thermal energy into DC electrical energy and vice versa

D.

to convert mechanical energy into DC electrical energy and vice versa

Question ID : 630680436801

Option 1 ID : 6306801705133

Option 2 ID : 6306801705136

Option 3 ID : 6306801705135

Option 4 ID : 6306801705134

Status : Answered

Chosen Option : D

Q.92 The dielectric strength of varnished cambric is:

Ans A. 400 V/mm

B. 40 kV/mm

C. 4 kV/mm

D. 400 kV/mm

Question ID : 630680436775

Option 1 ID : 6306801705029

Option 2 ID : 6306801705031

Option 3 ID : 6306801705030

Option 4 ID : 6306801705032

Status : Answered

Chosen Option : B

Q.93 The operation of TRIAC can be considered equivalent to the back-to-back connection of _____.

Ans A. two power diodes

B. two transistors

C. two SCR

D. two DIAC

Question ID : 630680436905

Option 1 ID : 6306801705552

Option 2 ID : 6306801705551

Option 3 ID : 6306801705549

Option 4 ID : 6306801705550

Status : Answered

Chosen Option : C

Q.94 What should be the frequency of the open circuit test supply, if the rated frequency of the transformer is 50 Hz?

- Ans A. 25 Hz
 B. 50 Hz
 C. 5 Hz
 D. 100 Hz

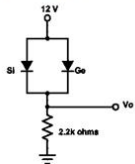
Question ID : 630680436831
 Option 1 ID : 6306801705255
 Option 2 ID : 6306801705254
 Option 3 ID : 6306801705256
 Option 4 ID : 6306801705253
 Status : Answered
 Chosen Option : B

Q.95 Tungsten is the most preferred for incandescent lamps due to its _____.

- Ans A. shining surface
 B. low resistance
 C. high melting point
 D. low melting point

Question ID : 630680436894
 Option 1 ID : 6306801705506
 Option 2 ID : 6306801705505
 Option 3 ID : 6306801705508
 Option 4 ID : 6306801705507
 Status : Answered
 Chosen Option : C

Q.96 For the circuit given below, find the output voltage V_O if the threshold voltages for silicon and germanium diodes are 0.7 V and 0.3 V, respectively.



- Ans A. 11.3 V
 B. 12 V
 C. 11 V
 D. 11.7 V

Question ID : 630680436901
 Option 1 ID : 6306801705535
 Option 2 ID : 6306801705533
 Option 3 ID : 6306801705536
 Option 4 ID : 6306801705534
 Status : Answered
 Chosen Option : D

Q.97 In which of the following cases is the Ward-Leonard system NOT preferrable?

- Ans
- A. Frequent reversal of direction of rotation
 - B. Constant speed operation
 - C. Low speed operation
 - D. Wide range of speed

Question ID : 630680436811

Option 1 ID : 6306801705176

Option 2 ID : 6306801705175

Option 3 ID : 6306801705174

Option 4 ID : 6306801705173

Status : Answered

Chosen Option : B

Q.98 In a conventional two-winding transformer:

- Ans
- A. there is no rotating part
 - B. primary winding is rotating
 - C. secondary winding is rotating
 - D. core is rotating

Question ID : 630680436827

Option 1 ID : 6306801705240

Option 2 ID : 6306801705237

Option 3 ID : 6306801705238

Option 4 ID : 6306801705239

Status : Answered

Chosen Option : A

Q.99 As per the ABC of first aid, C stands for _____.

- Ans
- A. cost
 - B. circulation
 - C. cardiogram
 - D. care

Question ID : 630680436761

Option 1 ID : 6306801704974

Option 2 ID : 6306801704975

Option 3 ID : 6306801704973

Option 4 ID : 6306801704976

Status : Answered

Chosen Option : B

Q.100 Which of the following is correct for magnets?

- Ans
- A. Like magnetic poles attract each other.
 - B. Unlike magnetic poles repel each other.
 - C. Magnetic poles always exist in pairs.
 - D. Magnet attracts wooden objects.

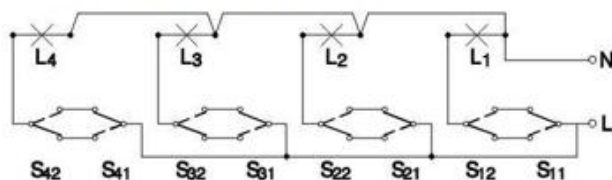
Question ID : 630680436784
 Option 1 ID : 6306801705065
 Option 2 ID : 6306801705066
 Option 3 ID : 6306801705067
 Option 4 ID : 6306801705068
 Status : Answered
 Chosen Option : C

Q.101 The torque developed by the synchronous motor under running conditions is called _____.

- Ans
- A. blocked rotor torque
 - B. running torque
 - C. pull-out torque
 - D. pull-in torque

Question ID : 630680436853
 Option 1 ID : 6306801705344
 Option 2 ID : 6306801705343
 Option 3 ID : 6306801705342
 Option 4 ID : 6306801705341
 Status : Answered
 Chosen Option : B

Q.102 Identify the wiring scheme given below.



- Ans
- A. Tunnel wiring
 - B. Corridor wiring
 - C. Hostel wiring
 - D. Staircase wiring

Question ID : 630680436781
 Option 1 ID : 6306801705055
 Option 2 ID : 6306801705053
 Option 3 ID : 6306801705056
 Option 4 ID : 6306801705054
 Status : Answered
 Chosen Option : A

Q.103 In a DC motor, the primary function of the starter is:

- Ans
- A. to increase supply voltage
 - B. to reduce starting current
 - C. to induce more back EMF
 - D. to reduce the back EMF to zero

Question ID : 630680436810

Option 1 ID : 6306801705171

Option 2 ID : 6306801705170

Option 3 ID : 6306801705169

Option 4 ID : 6306801705172

Status : Answered

Chosen Option : B

Q.104 Which of the following parameters is measured in AT/Wb?

- Ans
- A. Flux density
 - B. Conductance
 - C. Reluctance
 - D. Permeance

Question ID : 630680436790

Option 1 ID : 6306801705091

Option 2 ID : 6306801705092

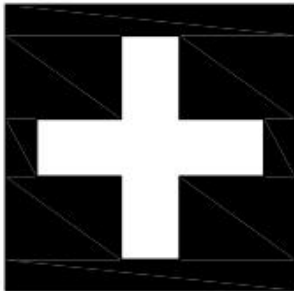
Option 3 ID : 6306801705089

Option 4 ID : 6306801705090

Status : Answered

Chosen Option : C

Q.105 Which of the following types of signs is given below?



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

Question ID : 630680436759

Option 1 ID : 6306801704968

Option 2 ID : 6306801704965

Option 3 ID : 6306801704966

Option 4 ID : 6306801704967

Status : Answered

Chosen Option : D

Q.106 With reference to corona, which of the following statements is INCORRECT?

- Ans
- A. A stranded conductor gives rise to the corona effect.
 - B. Low line voltages reduce the chances of corona.
 - C. Transmission efficiency increases due to corona.
 - D.

The corona effect can be reduced by increasing the spacing between the conductors.

Question ID : 630680436867
Option 1 ID : 6306801705397
Option 2 ID : 6306801705398
Option 3 ID : 6306801705400
Option 4 ID : 6306801705399
Status : Answered
Chosen Option : C

Q.107 In a transformer, zero voltage regulation occurs when the load is _____.

- Ans
- A. shorted
 - B. capacitive
 - C. inductive
 - D. resistive

Question ID : 630680436891
Option 1 ID : 6306801705496
Option 2 ID : 6306801705494
Option 3 ID : 6306801705493
Option 4 ID : 6306801705495
Status : Answered
Chosen Option : B

Q.108 Identify whether the following statements are true or false.

1. XY-plotter is a secondary instrument.
2. Tangent galvanometer is an absolute instrument.

- 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 : 630680436838
Option 1 ID : 6306801705284
Option 2 ID : 6306801705282
Option 3 ID : 6306801705281
Option 4 ID : 6306801705283
Status : Answered
Chosen Option : A

Q.109 How many stable states are there in a free-running multivibrator?

- Ans A. 0
 B. 3
 C. 1
 D. 2

Question ID : 630680436872
Option 1 ID : 6306801705417
Option 2 ID : 6306801705420
Option 3 ID : 6306801705418
Option 4 ID : 6306801705419
Status : Answered
Chosen Option : D

Q.110 Which of the following is INCORRECT for magnetic fields?

- Ans A. There are no magnetic field lines within the magnet
 B. It is strongest at the poles.
 C. Magnetic field lines originate from the north pole to south pole outside the magnet.
 D. Magnetic field lines never intersect each other.

Question ID : 630680436785
Option 1 ID : 6306801705072
Option 2 ID : 6306801705069
Option 3 ID : 6306801705071
Option 4 ID : 6306801705070
Status : Answered
Chosen Option : A

Q.111 The torque that is available at the motor shaft for doing useful work is called _____.

- Ans A. drag torque
 B. armature torque
 C. lost torque
 D. shaft torque

Question ID : 630680436807
Option 1 ID : 6306801705160
Option 2 ID : 6306801705157
Option 3 ID : 6306801705158
Option 4 ID : 6306801705159
Status : Answered
Chosen Option : D

Q.112 For a series RL circuit, $R = 15 \Omega$ and $X_L = 20 \Omega$. Calculate the impedance.

- Ans
- A. 30Ω
 - B. 35Ω
 - C. 25Ω
 - D. 20Ω

Question ID : 630680436824
Option 1 ID : 6306801705226
Option 2 ID : 6306801705225
Option 3 ID : 6306801705227
Option 4 ID : 6306801705228
Status : Answered
Chosen Option : C

Q.113 When V_{GS} of a JFET changes from -3.1 V to -3.0 V , the drain current changes from 1 mA to 1.3 mA . What is the value of transconductance?

- Ans
- A. 3000 micro-ohms
 - B. 300 micro-ohms
 - C. 3 ohms
 - D. 30 ohms

Question ID : 630680436876
Option 1 ID : 6306801705434
Option 2 ID : 6306801705433
Option 3 ID : 6306801705435
Option 4 ID : 6306801705436
Status : Answered
Chosen Option : B

Q.114 Which of the following methods of speed control CANNOT be used for a squirrel cage induction motor?

- Ans
- A. Stator voltage control
 - B. Rotor resistance control
 - C. Stator voltage and frequency control
 - D. Stator frequency control

Question ID : 630680436907
Option 1 ID : 6306801705557
Option 2 ID : 6306801705560
Option 3 ID : 6306801705559
Option 4 ID : 6306801705558
Status : Answered
Chosen Option : B

Q.115 _____ CANNOT be used for permanent use.

- Ans
- A. PVC conduit wiring
 - B. Cleat wiring
 - C. Concealed wiring
 - D. Casing-caping wiring

Question ID : 630680436881
Option 1 ID : 6306801705455
Option 2 ID : 6306801705454
Option 3 ID : 6306801705453
Option 4 ID : 6306801705456
Status : Answered
Chosen Option : B

Q.116 Identify whether the following statements related to speed control of DC motors are true or false.

1. Armature voltage control is used above base speed.
2. Field flux control is used below base speed.

- Ans
- A. Statement 1 is false, Statement 2 is true
 - B. Statement 1 is true, Statement 2 is false
 - C. Statement 1 is true, Statement 2 is true
 - D. Statement 1 is false, Statement 2 is false

Question ID : 630680436812
Option 1 ID : 6306801705179
Option 2 ID : 6306801705180
Option 3 ID : 6306801705177
Option 4 ID : 6306801705178
Status : Answered
Chosen Option : D

Q.117 At standard atmospheric pressure and temperature, the breakdown strength of air is _____.

- Ans
- A. 50 kV/cm
 - B. 10 kV/cm
 - C. 30 kV/cm
 - D. 100 kV/cm

Question ID : 630680436866
Option 1 ID : 6306801705395
Option 2 ID : 6306801705393
Option 3 ID : 6306801705394
Option 4 ID : 6306801705396
Status : Answered
Chosen Option : C

Q.118 In an electric circuit, 6 coulomb charge flows in 10 minutes. Calculate the current in the circuit.

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

Question ID : 630680436768
Option 1 ID : 6306801705004
Option 2 ID : 6306801705001
Option 3 ID : 6306801705003
Option 4 ID : 6306801705002
Status : Answered
Chosen Option : D

Q.119 Which of the following motors is most suitable for portable drilling machines?

- Ans
- A. DC compound motor
 - B. Stepper motor
 - C. Universal motor
 - D. Synchronous motor

Question ID : 630680436861
Option 1 ID : 6306801705374
Option 2 ID : 6306801705376
Option 3 ID : 6306801705373
Option 4 ID : 6306801705375
Status : Answered
Chosen Option : C

Q.120 Identify the instrument type indicated by the following symbol.



- Ans
- A. Analog multimeter
 - B. Moving coil instrument
 - C. Enclosed electrodynamic quotient instrument
 - D. Moving iron instrument

Question ID : 630680436837
Option 1 ID : 6306801705280
Option 2 ID : 6306801705278
Option 3 ID : 6306801705277
Option 4 ID : 6306801705279
Status : Answered
Chosen Option : C

Q.121 A coil of 16 H is magnetically coupled with a coil of 4 H. If the mutual inductance between them is 6 H, find the coefficient of coupling.

- Ans**
- A. 0.65
 - B. 0.75
 - C. 0.45
 - D. 0.85

Question ID : 630680436795
Option 1 ID : 6306801705111
Option 2 ID : 6306801705110
Option 3 ID : 6306801705112
Option 4 ID : 6306801705109
Status : Answered
Chosen Option : B

Q.122 Which of the following is NOT an advantage of oil-filled pressure cables?

- Ans**
- A. Higher dielectric strength
 - B. No formation of voids
 - C. Higher temperature range
 - D. Low initial cost

Question ID : 630680436777
Option 1 ID : 6306801705039
Option 2 ID : 6306801705037
Option 3 ID : 6306801705038
Option 4 ID : 6306801705040
Status : Answered
Chosen Option : D

Q.123 Which part in a cable experiences maximum stress under operating conditions?

- Ans**
- A. Armour
 - B. Conductor surface
 - C. Sheath
 - D. Bedding

Question ID : 630680436774
Option 1 ID : 6306801705026
Option 2 ID : 6306801705027
Option 3 ID : 6306801705028
Option 4 ID : 6306801705025
Status : Answered
Chosen Option : B

Q.124 Neglecting saturation, if the current taken by a series motor is increased from 10 A to 11 A, the percentage increase in its torque will be:

- Ans A. 21%
 B. 44%
 C. 69%
 D. 11%

Question ID : 630680436808
Option 1 ID : 6306801705162
Option 2 ID : 6306801705163
Option 3 ID : 6306801705164
Option 4 ID : 6306801705161
Status : Answered
Chosen Option : A

Q.125 A star-delta starter is equivalent to an auto-transformer starter with the transformation ratio equal to _____.

- Ans A. 0.78
 B. 0.58
 C. 0.68
 D. 0.48

Question ID : 630680436859
Option 1 ID : 6306801705365
Option 2 ID : 6306801705367
Option 3 ID : 6306801705366
Option 4 ID : 6306801705368
Status : Answered
Chosen Option : B

Q.126 Which of the following is NOT a primary cell?

- Ans A. Zinc carbon cell
 B. Mercury cell
 C. Lead acid cell
 D. Silver oxide cell

Question ID : 630680436782
Option 1 ID : 6306801705059
Option 2 ID : 6306801705058
Option 3 ID : 6306801705060
Option 4 ID : 6306801705057
Status : Answered
Chosen Option : C

Q.127 Which of the following is NOT a characteristic of reluctance motors?

- Ans
- A. Easy maintenance
 - B. High power factor
 - C. Low cost
 - D. No DC field winding

Question ID : 630680436860
 Option 1 ID : 6306801705369
 Option 2 ID : 6306801705372
 Option 3 ID : 6306801705370
 Option 4 ID : 6306801705371
 Status : Answered
 Chosen Option : B

Q.128 Mandatory signs are usually shown with _____.

- Ans
- A. white symbol on green background
 - B. red border and cross bar on white background
 - C. white symbol on blue background
 - D. black symbol with yellow background

Question ID : 630680436760
 Option 1 ID : 6306801704972
 Option 2 ID : 6306801704971
 Option 3 ID : 6306801704969
 Option 4 ID : 6306801704970
 Status : Answered
 Chosen Option : D

Q.129 A 220 V separately excited DC motor takes 20 A and the armature resistance is 1.0 Ω. Find the speed of the motor if the armature constant ($K_a\Phi$) = 2 rad/sec.

- Ans
- A. $\frac{2000}{\pi}$ rpm
 - B. $\frac{1000}{\pi}$ rpm
 - C. $\frac{4000}{\pi}$ rpm
 - D. $\frac{3000}{\pi}$ rpm

Question ID : 630680436804
 Option 1 ID : 6306801705146
 Option 2 ID : 6306801705145
 Option 3 ID : 6306801705148
 Option 4 ID : 6306801705147
 Status : Not Answered
 Chosen Option : --

Q.130 For an 8-pole DC machine, the number of armature slots are 48. Find the pole pitch.

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

Question ID : 630680436851
Option 1 ID : 6306801705336
Option 2 ID : 6306801705334
Option 3 ID : 6306801705333
Option 4 ID : 6306801705335
Status : Answered
Chosen Option : B

Q.131 What is the working voltage of low-tension underground cables?

- Ans
- A. Up to 1100 V
 - B. Up to 111 kV
 - C. Up to 11 kV
 - D. Up to 110 V

Question ID : 630680436773
Option 1 ID : 6306801705022
Option 2 ID : 6306801705024
Option 3 ID : 6306801705023
Option 4 ID : 6306801705021
Status : Answered
Chosen Option : C

Q.132 The method of neutral grounding, which has high transient voltages appearing under fault conditions, is _____.

- Ans
- A. water grounding
 - B. rod grounding
 - C. plate grounding
 - D. reactance grounding

Question ID : 630680436820
Option 1 ID : 6306801705211
Option 2 ID : 6306801705209
Option 3 ID : 6306801705210
Option 4 ID : 6306801705212
Status : Answered
Chosen Option : B

Q.133 What is the recommended cutting speed for the drilling machine for drilling in thermo-setting plastic?

- Ans**
- A. 70 m/min – 100 m/min
 - B. 40 m/min – 50 m/min
 - C. 20 m/min – 30 m/min
 - D. 5 m/min – 8 m/min

Question ID : **630680436765**
Option 1 ID : **6306801704992**
Option 2 ID : **6306801704991**
Option 3 ID : **6306801704990**
Option 4 ID : **6306801704989**
Status : **Not Answered**
Chosen Option : --

Q.134 The phenomenon of violet glow, hissing noise, and production of ozone gas in an overhead transmission line is known as _____.

- Ans**
- A. fringing
 - B. restriking
 - C. arcing
 - D. corona

Question ID : **630680436865**
Option 1 ID : **6306801705389**
Option 2 ID : **6306801705392**
Option 3 ID : **6306801705390**
Option 4 ID : **6306801705391**
Status : **Answered**
Chosen Option : **D**

Q.135 Which of the following diodes converts light into an electric current?

- Ans**
- A. Light emitting diode
 - B. Schottky diode
 - C. Photodiode
 - D. Zener diode

Question ID : **630680436900**
Option 1 ID : **6306801705530**
Option 2 ID : **6306801705532**
Option 3 ID : **6306801705529**
Option 4 ID : **6306801705531**
Status : **Answered**
Chosen Option : **C**

Q.136 In a DC generator, if Y_B is back pitch and Y_F is front pitch for, for simplex lap winding, which of the following conditions is correct?

- Ans
- A. $Y_B = Y_F - 1$
 - B. $Y_B = Y_F + 1$
 - C. $Y_B = Y_F$
 - D. $Y_B = Y_F \pm 2$

Question ID : 630680436887

Option 1 ID : 6306801705479

Option 2 ID : 6306801705478

Option 3 ID : 6306801705477

Option 4 ID : 6306801705480

Status : Answered

Chosen Option : D

Q.137 Which of the following lamps has the maximum lamp efficiency expressed in lumens/watt?

- Ans
- A. Incandescent lamp
 - B. Sodium vapour lamp
 - C. Carbon arc lamp
 - D. Mercury vapour lamp

Question ID : 630680436848

Option 1 ID : 6306801705324

Option 2 ID : 6306801705322

Option 3 ID : 6306801705321

Option 4 ID : 6306801705323

Status : Answered

Chosen Option : B

Q.138 In a series RL circuit, if the value of $R = 15 \Omega$, $X_L = 20 \Omega$ and supply is 100 V, 50 Hz, then calculate the current.

- Ans
- A. 5.25 A
 - B. 4.00 A
 - C. 2.86A
 - D. 3.33 A

Question ID : 630680436889

Option 1 ID : 6306801705488

Option 2 ID : 6306801705487

Option 3 ID : 6306801705485

Option 4 ID : 6306801705486

Status : Answered

Chosen Option : B

Q.139 The supply frequency for a 3-phase induction motor is 50 Hz. At stand-still the frequency of the rotor current is:

- Ans
- A. 0 Hz
 - B. 10 Hz
 - C. 25 Hz
 - D. 50 Hz

Question ID : 630680436896
Option 1 ID : 6306801705516
Option 2 ID : 6306801705515
Option 3 ID : 6306801705514
Option 4 ID : 6306801705513
Status : Answered
Chosen Option : D

Q.140 A building has a load of 4.8 kW and a supply of 240 V. Calculate the permissible insulation resistance to earth.

- Ans
- A. 0.6 M Ω
 - B. 6 M Ω
 - C. 0.06 M Ω
 - D. 60 M Ω

Question ID : 630680436882
Option 1 ID : 6306801705458
Option 2 ID : 6306801705459
Option 3 ID : 6306801705457
Option 4 ID : 6306801705460
Status : Answered
Chosen Option : C

Q.141 The ratio of peak value to average value for an AC signal is equal to:

- Ans
- A. peak factor
 - B. form factor \times peak factor
 - C. ripple factor
 - D. form factor

Question ID : 630680436823
Option 1 ID : 6306801705223
Option 2 ID : 6306801705224
Option 3 ID : 6306801705222
Option 4 ID : 6306801705221
Status : Answered
Chosen Option : B

Q.142 A lamp filament must have a _____ melting point and a _____ temperature coefficient of resistance, respectively.

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

Question ID : 630680436849
Option 1 ID : 6306801705328
Option 2 ID : 6306801705325
Option 3 ID : 6306801705327
Option 4 ID : 6306801705326
Status : Answered
Chosen Option : C

Q.143 Which of the following is the colour code of a 220 k Ω resistor having 5% tolerance?

- Ans
- A. Red, red, orange, gold
 - B. Red, red, orange, silver
 - C. Red, red, yellow, silver
 - D. Red, red, yellow, gold

Question ID : 630680436797
Option 1 ID : 6306801705118
Option 2 ID : 6306801705117
Option 3 ID : 6306801705119
Option 4 ID : 6306801705120
Status : Answered
Chosen Option : D

Q.144 Which of the following statements is correct?

- Ans
- A. The unit of magnetic flux density is Weber.
 - B. Reluctance is analogous to resistance in electric circuit.
 - C. Reluctance increases as permeability increases.
 - D. The MMF across two parallel paths is always zero.

Question ID : 630680436791
Option 1 ID : 6306801705096
Option 2 ID : 6306801705094
Option 3 ID : 6306801705093
Option 4 ID : 6306801705095
Status : Answered
Chosen Option : B

Q.145 What will be the percentage voltage regulation, if DC generator is ideal?

- Ans
- A. 0%
 - B. 1%
 - C. 100%
 - D. 50%

Question ID : 630680436805
Option 1 ID : 6306801705149
Option 2 ID : 6306801705150
Option 3 ID : 6306801705152
Option 4 ID : 6306801705151
Status : Answered
Chosen Option : A

Q.146 In SCR triggering, the junction capacitance is to be considered in _____.

- Ans
- A. $\frac{dv}{dt}$ triggering
 - B. forward voltage triggering
 - C. gate pulse triggering
 - D. light triggering

Question ID : 630680436878
Option 1 ID : 6306801705443
Option 2 ID : 6306801705442
Option 3 ID : 6306801705441
Option 4 ID : 6306801705444
Status : Not Answered
Chosen Option : --

Q.147 Which of the following motors requires two capacitors for its operation?

- Ans
- A. Split phase motor
 - B. Shaded pole motor
 - C. Capacitor start motor
 - D. Capacitor start-capacitor run motor

Question ID : 630680436856
Option 1 ID : 6306801705353
Option 2 ID : 6306801705356
Option 3 ID : 6306801705354
Option 4 ID : 6306801705355
Status : Answered
Chosen Option : D

Q.148 A power amplifier operated from 15 V battery gives an output of 3 W. Find the maximum collector current in the circuit.

- Ans
- A. 400 mA
 - B. 300 mA
 - C. 200 mA
 - D. 100 mA

Question ID : 630680436904
Option 1 ID : 6306801705548
Option 2 ID : 6306801705547
Option 3 ID : 6306801705546
Option 4 ID : 6306801705545
Status : Answered
Chosen Option : C

Q.149 Which of the following statements is correct with reference to the power transfer in an auto-transformer?

- Ans
- A. Power is transferred through conduction only.
 - B. Power is transferred through both induction and conduction.
 - C. There is no power transfer at all.
 - D. Power is transferred through induction only.

Question ID : 630680436828
Option 1 ID : 6306801705243
Option 2 ID : 6306801705244
Option 3 ID : 6306801705241
Option 4 ID : 6306801705242
Status : Answered
Chosen Option : B

Q.150 In a 3-phase induction motor, the magnitude of the resultant flux due to balanced 3-phase supply system is _____.

- Ans
- A. 1.5 times the maximum flux per phase
 - B. equal to the maximum flux per phase
 - C. 3 times the maximum flux per phase
 - D. 2 times the maximum flux per phase

Question ID : 630680436855
Option 1 ID : 6306801705350
Option 2 ID : 6306801705349
Option 3 ID : 6306801705352
Option 4 ID : 6306801705351
Status : Answered
Chosen Option : A