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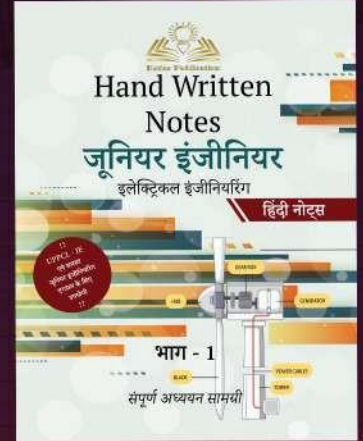
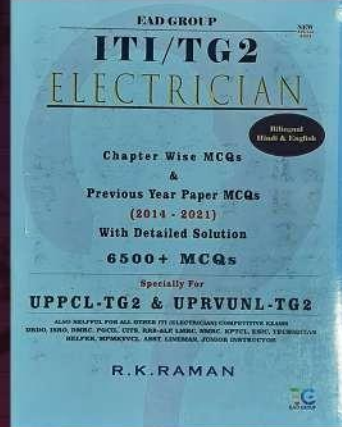
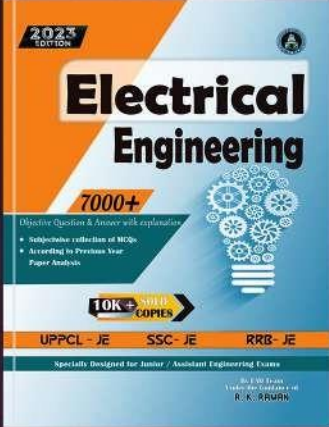
## Objective Book for

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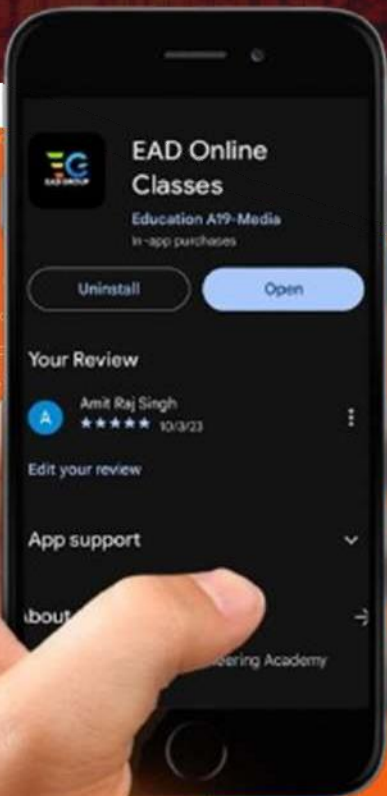
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**Raman sir**  
Electrical Engg. Expert



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Participant ID	160586205268
Participant Name	NEHA PAL
Test Center Name	iON Digital Zone IDZ Greater Noida
Test Date	28/03/2021
Test Time	9:00 AM - 12:00 PM
Subject	Technician (Electrical)

Section : Question related to knowledge of Computers of CCC level of NIELIT

**Q.1 Which of the following can be used to select all texts appearing in the text box of a PowerPoint slide?**

- Ans
- 1. Ctrl + T
  - 2. Alt + A
  - 3. Ctrl + A
  - 4. Ctrl + S

Question ID : 6009295799  
Status : Answered  
Chosen Option : 3

**Q.2 Which of the following is NOT a valid version of the Windows operating system?**

- Ans
- 1. Windows 10
  - 2. Windows 7
  - 3. Windows 11
  - 4. Windows XP

Question ID : 6009295771  
Status : Answered  
Chosen Option : 3

**Q.3 Which of the following keyboard shortcuts is used to open "Save As" dialogue box in Microsoft PowerPoint 2007?**

- Ans
- 1. Alt + F5
  - 2. Ctrl + S
  - 3. Ctrl + F2
  - 4. Alt + F2

Question ID : 6009295802  
Status : Answered  
Chosen Option : 1



**Q.4 Which of the following is NOT a type of ROM:**

- Ans
- 1. DROM
  - 2. EEPROM
  - 3. PROM
  - 4. EPROM

Question ID : 6009295767  
Status : Answered  
Chosen Option : 1

**Q.5 Which of the following keys can be used to select non-consecutive (random) cells in an Excel spreadsheet?**

- Ans
- 1. Shift
  - 2. Tab
  - 3. Ctrl
  - 4. Alt

Question ID : 6009295790  
Status : Answered  
Chosen Option : 3

**Q.6 How many bytes are there in 4 Kilobyte memory?**

- Ans
- 1. 2048
  - 2. 4096
  - 3. 512
  - 4. 1024

Question ID : 6009295768  
Status : Answered  
Chosen Option : 2

**Q.7 In Microsoft Word 2007, left, right, center, and justify are the examples of:**

- Ans
- 1. Paragraph alignment
  - 2. Page orientation
  - 3. Page margin
  - 4. Paragraph margin

Question ID : 6009295779  
Status : Answered  
Chosen Option : 1



**Q.8 What is the full-form of URL?**

- Ans**
- 1. Uniform Resource Locator
  - 2. Unified Resource Linker
  - 3. Uniform Resource Loader
  - 4. Universal Resource List

Question ID : 6009295811  
Status : Answered  
Chosen Option : 2

**Q.9 Which of the following correctly describes the Linux operating system?**

- Ans**
- 1. Multiuser only
  - 2. Multiprogramming, Multitasking, and Multiuser
  - 3. Multiprogramming only
  - 4. Multitasking only

Question ID : 6009295770  
Status : Answered  
Chosen Option : 2

**Q.10 Which of the following is NOT an example of a Word Processor?**

- Ans**
- 1. Notepad
  - 2. Microsoft Excel
  - 3. Microsoft Word
  - 4. WordPad

Question ID : 6009295774  
Status : Answered  
Chosen Option : 1

**Q.11 Which of the following key combinations can be used to enter multi-line texts in the cell of a worksheet?**

- Ans**
- 1. Ctrl + Enter
  - 2. Alt + Enter
  - 3. Shift + Enter
  - 4. Enter

Question ID : 6009295787  
Status : Answered  
Chosen Option : 1



**Q.12** Which of the following keyboard shortcuts can be used in Google Chrome browser to display the downloads window?

- Ans**
1. Ctrl + J
  2. Alt + D
  3. Alt + 9
  4. Ctrl + D

Question ID : 6009295795  
Status : Not Answered  
Chosen Option : --

**Q.13** In Microsoft Word 2007, what is the keyboard shortcut to change the font style of a selected text as italic?

- Ans**
1. Ctrl + B
  2. Ctrl + U
  3. Alt + I
  4. Ctrl + I

Question ID : 6009295775  
Status : Answered  
Chosen Option : 4

**Q.14** State whether the following statements are True or False?

- (i) Page margins in a Word document is always fixed and it cannot be changed.  
(ii) A document cannot have both header as well as footer.

- Ans**
1. (i) - False, (ii) - False
  2. (i) - True, (ii) - False
  3. (i) - False, (ii) - True
  4. (i) - True, (ii) - True

Question ID : 6009295782  
Status : Answered  
Chosen Option : 1

**Q.15** Which menu in Microsoft PowerPoint 2016 provides you options like Table, Pictures, Shapes, and New Slide?

- Ans**
1. Insert
  2. Animations
  3. View
  4. Home

Question ID : 6009295801  
Status : Answered  
Chosen Option : 1



**Q.16** Which of the following keyboard shortcuts can be used in Google Chrome browser to switch to the last (rightmost) tab?

- Ans**
1. Alt + L
  2. Ctrl + 9
  3. Ctrl + L
  4. Ctrl + 0

Question ID : 6009295813  
Status : Not Answered  
Chosen Option : --

**Q.17** Which of the following is a valid function in Microsoft Excel?

- Ans**
1. MULTIPLY()
  2. CEILING()
  3. ABSOLUTE()
  4. DIVIDE()

Question ID : 6009295789  
Status : Not Answered  
Chosen Option : --

**Q.18** State whether the following statements are True or False?

- (i) Size of an IPv4 address is 32 bits.  
(ii) IPv4 addresses are generally represented in decimal-dotted notation.

- Ans**
1. (i) – False, (ii) – True
  2. (i) – True, (ii) – True
  3. (i) – True, (ii) – False
  4. (i) – False, (ii) – False

Question ID : 6009295812  
Status : Answered  
Chosen Option : 3

**Q.19** Which of the following function keys opens "Save As" dialogue box in Microsoft Word 2007?

- Ans**
1. F5
  2. F2
  3. F12
  4. F10

Question ID : 6009295777  
Status : Answered  
Chosen Option : 3



**Q.20**

- Ans**
1. 15
  2. 31
  3. 1
  4. 0

Question ID : 6009295805  
Status : Not Answered  
Chosen Option : --

**Q.21 While composing and sending an email, which of the following fields cannot be kept as empty?**

- Ans**
1. "CC" field
  2. "To" field
  3. "BCC" field
  4. "Subject" field

Question ID : 6009295796  
Status : Answered  
Chosen Option : 2

**Q.22 Which of the following command button is used to display paragraph markers in a Microsoft Word 2007 document?**

- Ans**
1. Eraser
  2. Format painter
  3. Show/Hide
  4. Change case

Question ID : 6009295778  
Status : Answered  
Chosen Option : 2

**Q.23 Which of the following refers to the capability of a computer to perform different kinds of works with same accuracy and efficiency?**

- Ans**
1. Accuracy
  2. Versatility
  3. Diligence
  4. Reliability

Question ID : 6009295765  
Status : Answered  
Chosen Option : 4



**Q.24 Which of the following is NOT a valid IP address?**

- Ans**
1. 200.200.256.200
  2. 90.90.90.90
  3. 100.100.100.100
  4. 10.10.10.10

Question ID : 6009295792  
Status : Not Answered  
Chosen Option : --

**Q.25 What is the smallest font size that can be selected from the 'Font size' drop-down list in Microsoft Word 2007?**

- Ans**
1. 11
  2. 8
  3. 1
  4. 10

Question ID : 6009295780  
Status : Answered  
Chosen Option : 2

**Q.26 The standard used to define a method of exchanging data over a computer network is known as:**

- Ans**
1. Protocol
  2. Service
  3. Topology
  4. Property

Question ID : 6009295791  
Status : Answered  
Chosen Option : 3

**Q.27 Which of the following alignment options keeps each line of a paragraph at equal distance from the left and right page margins in Microsoft Word 2007?**

- Ans**
1. Both "left" and "right"
  2. Center
  3. Left
  4. Right

Question ID : 6009295776  
Status : Answered  
Chosen Option : 2



**Q.28** The third generation of computers introduced the use of IC in computers. What does the term IC mean?

- Ans**
1. Integrated Circuits
  2. Integrated Computer
  3. Inverted Chips
  4. Inverted Circuits

Question ID : 6009295808  
Status : Answered  
Chosen Option : 1

**Q.29** While entering a Formula in a cell of a spread sheet, the first symbol to use is:

- Ans**
1. #
  2. =
  3. @
  4. +

Question ID : 6009295809  
Status : Answered  
Chosen Option : 1

**Q.30** Which of the following key(s) can be pressed to stop the page loading in Google Chrome browser?

- Ans**
1. Tab
  2. Alt + S
  3. Ctrl + S
  4. Esc

Question ID : 6009295793  
Status : Answered  
Chosen Option : 4

**Q.31** Which of the following statements is/are True?

- (i) In a PowerPoint presentation, movie clips can be inserted.  
(ii) In a PowerPoint presentation, sound clips cannot be inserted.

- Ans**
1. (ii) only
  2. Both (i) and (ii)
  3. (i) only
  4. Neither (i) nor (ii)

Question ID : 6009295803  
Status : Answered  
Chosen Option : 3



**Q.32 Which of the following is relatively fastest memory?**

- Ans**
1. DRAM
  2. SRAM
  3. Hard Disk
  4. ROM

Question ID : 6009295766  
Status : Answered  
Chosen Option : 4

**Q.33 With respect to email, POP stands for:**

- Ans**
1. Post Office Protocol
  2. Post Office Program
  3. Past Office Protocol
  4. Post Organization Protocol

Question ID : 6009295797  
Status : Answered  
Chosen Option : 1

**Q.34 Which of the following is a valid formula in Microsoft Excel?**

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

Question ID : 6009295788  
Status : Answered  
Chosen Option : 4

**Q.35 In Microsoft PowerPoint 2007, you can insert a shape or a logo using \_\_\_\_\_ that will consistently appear on all slides automatically.**

- Ans**
1. Slide Master
  2. Handout Master
  3. Notes Master
  4. Outline View

Question ID : 6009295800  
Status : Answered  
Chosen Option : 1



**Q.36** The files created by Microsoft Excel software are generally known as:

- Ans**
1. Grids
  2. Worksheets
  3. Cells
  4. Workbooks

Question ID : 6009295784  
Status : Answered  
Chosen Option : 4

**Q.37** Which of the following is NOT a Date & Time related function in Microsoft Excel?

- Ans**
1. =DATE()
  2. =MONTH()
  3. =MINUTE()
  4. =QUARTILE()

Question ID : 6009295810  
Status : Not Answered  
Chosen Option : --

**Q.38**

- Ans**
1. 1.5
  2. 3
  3. 0
  4. Value! error

Question ID : 6009295804  
Status : Answered  
Chosen Option : 2

**Q.39** Which of the following is a valid absolute cell address in Microsoft Excel?

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

Question ID : 6009295785  
Status : Not Answered  
Chosen Option : --

**Q.40** Which of the following statements is false?

- Ans**
1. A file name cannot contain any special character.
  2. ZIP files are compressed files.
  3. Each file has a primary name and extension name.
  4. PDF is a type of portable file.

Question ID : 6009295773  
Status : Answered  
Chosen Option : 1



**Q.41 What does the term TCP/IP stand for?**

- Ans**
1. Transmission Control Permission/ Internet Protocol
  2. Transport Control Protocol/ Internet Protocol
  3. Transmission Control Protocol/ Internet Protocol
  4. Transmission Control Protocol/ Internal Protocol

Question ID : 6009295794  
Status : Answered  
Chosen Option : 3

**Q.42 Which of the following characters must appear exactly once in an email id?**

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

Question ID : 6009295814  
Status : Answered  
Chosen Option : 2

**Q.43 In an Excel worksheet, by default, texts are \_\_\_\_\_ aligned.**

- Ans**
1. Center
  2. Left
  3. Right
  4. Justify

Question ID : 6009295786  
Status : Answered  
Chosen Option : 4

**Q.44 Which of the following statements related to Microsoft Word is false?**

- Ans**
1. A document can have multiple tables.
  2. A document can be renamed multiple times.
  3. Each document must have a Drop Cap.
  4. A paragraph can have only one sentence.

Question ID : 6009295807  
Status : Answered  
Chosen Option : 3

**Q.45 What will be the default number of cells in a Microsoft Word table containing two rows and three columns?**

- Ans**
1. 5
  2. 6
  3. 8
  4. 9

Question ID : 6009295781  
Status : Answered  
Chosen Option : 2



**Q.46** Which of the following keyboard shortcuts can be used to lock a Windows system?

- Ans**
1. Ctrl + L
  2. Alt + L
  3. Alt + Ctrl + L
  4. Windows key + L

Question ID : 6009295772  
Status : Not Answered  
Chosen Option : --

**Q.47**

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

Question ID : 6009295806  
Status : Answered  
Chosen Option : 4

**Q.48** How many unique binary codes (numbers) can be generated using 8 bits?

- Ans**
1. 128
  2. 256
  3. 255
  4. 512

Question ID : 6009295769  
Status : Answered  
Chosen Option : 2

**Q.49** Which of the following statements is/are True?

- (i) A Gmail email id can contain a single dot (.) character.  
(ii) A Gmail email id cannot contain two or more consecutive dot (.) character.

- Ans**
1. Both (i) and (ii)
  2. (i) only
  3. Neither (i) nor (ii)
  4. (ii) only

Question ID : 6009295798  
Status : Answered  
Chosen Option : 1



**Q.50** Which of following is NOT a valid Line Spacing option in the "Paragraph" dialogue box of Microsoft Word 2007?

- Ans**
1. Single
  2. 1.5 Lines
  3. Triple
  4. Double

Question ID : 6009295783  
Status : Not Answered  
Chosen Option : --

**Section : General Study & Logical Reasoning**

**Q.1** नीचे दी गयी श्रृंखला के अक्षरों को अंग्रेजी वर्णमाला में उनकी स्थितियों के अनुक्रम के अनुसार व्यवस्थित करने के बाद नयी स्थितियों से पहले, पाँचवें, बारहवें, तेरहवें और उन्नीसवें स्थान पर आने वाले अक्षरों का केवल एकबार उपयोग करते हुए निम्न में से कौनसा सार्थक शब्द बनाया जा सकता है?

**LHGASDFJKWERTYUIOPXCVMB**

- Ans**
1. PLANT
  2. PLATE
  3. SLANT
  4. METAL

Question ID : 6009295830  
Status : Answered  
Chosen Option : 4

**Q.2** Which number will replace the question mark (?) in the following series?

**45, 56, 73, 96, ?, 168, 215, 274, 341**

- Ans**
1. 119
  2. 133
  3. 131
  4. 127

Question ID : 6009295833  
Status : Answered  
Chosen Option : 3

**Q.3** Who among the following was the immediate predecessor of Ajit Doval as the National Security Advisor?

- Ans**
1. Shiv Shankar Menon
  2. Montek Singh Ahluwalia
  3. Sanjay Baru
  4. Sanjay Mitra

Question ID : 6009295820  
Status : Not Answered  
Chosen Option : --



**Q.4** Who among the following is known for his expertise in plastic surgery during ancient period?

- Ans**
1. Bharat
  2. Sushruta
  3. Bhartrihari
  4. Kamandaka

Question ID : 6009295815  
Status : Not Answered  
Chosen Option : --

**Q.5** Select the option that is related to the third number in the same way as the second number is related to the first number.

**639 : 99 :: 483 : ?**

- Ans**
1. 79
  2. 81
  3. 68
  4. 83

Question ID : 6009295827  
Status : Not Answered  
Chosen Option : --

**Q.6** Select the option that is related to the third word in the same way as the second word is related to the first word.

**RECTANGLE : PERIMETER :: CIRCLE : ?**

- Ans**
1. AREA
  2. CIRCUMFERENCE
  3. DIAMETER
  4. RADIUS

Question ID : 6009295825  
Status : Answered  
Chosen Option : 2

**Q.7** Which of the following is mandated to regulate liquidity in the Indian economy through direct measures?

- Ans**
1. State Bank of India
  2. Reserve Bank of India
  3. Union Finance Ministry
  4. Finance Committee, Lok Sabha

Question ID : 6009295819  
Status : Answered  
Chosen Option : 2



**Q.8 Who among the following received the Infosys Science Prizes for 2019 in the category of Physical Sciences?**

- Ans**
1. Manjula Reddy
  2. Anand Pandian
  3. G. Mugesh
  4. Manu V. Devadevan

Question ID : 6009295823  
Status : Not Answered  
Chosen Option : --

**Q.9 Who among the following has NEVER been the Vice-President of India?**

- Ans**
1. Pratibha Patil
  2. Shankar Dayal Sharma
  3. Zakir Hussain
  4. KR Narayanan

Question ID : 6009295821  
Status : Not Answered  
Chosen Option : --

**Q.10 Which of the following rivers has river Tons as an important tributary?**

- Ans**
1. Tapti
  2. Yamuna
  3. Narmada
  4. Sabarmati

Question ID : 6009295818  
Status : Answered  
Chosen Option : 2

**Q.11 In a code language, DIRECT is written as ULGWFH. How will PLANET be written in that language?**

- Ans**
1. UWNZJS
  2. FPSBKD
  3. UWMZJT
  4. DOSWHQ

Question ID : 6009295834  
Status : Answered  
Chosen Option : 1



**Q.12**

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

Question ID : 6009295828  
Status : Answered  
Chosen Option : 4

**Q.13 Which letter from the options will replace the question mark (?) in the following series?**

**TDOX, UEQY, WGRZ, XHSA, YITC, ZKUD, ALWE, ?**

- Ans**
1. CMXG
  2. BMXG
  3. BMXF
  4. CMXF

Question ID : 6009295832  
Status : Answered  
Chosen Option : 3

**Q.14 In which language did Al-Biruni wrote his book Kitb-ul-Hind?**

- Ans**
1. Turkic
  2. Uighur
  3. Persian
  4. Arabic

Question ID : 6009295816  
Status : Not Answered  
Chosen Option : --

**Q.15 In which of the following states is Mukandara Hills Tiger Reserve located?**

- Ans**
1. Karnataka
  2. Kerala
  3. Rajasthan
  4. Maharashtra

Question ID : 6009295817  
Status : Not Answered  
Chosen Option : --



**Q.16** A is the sister of B whose father is D. If the wife of D is E whose only son C has two sisters then identify how is B related to E?

- Ans**
1. Sister
  2. Mother
  3. Son
  4. Daughter

Question ID : 6009295831  
Status : Answered  
Chosen Option : 4

**Q.17** Who among the following got 'Alai Darwaza' constructed near Qutub Minar in Delhi?

- Ans**
1. Mohammad bin Tughlaq
  2. Balban
  3. Firoz Shah Tughlaq
  4. Ala-ud-Din Khilji

Question ID : 6009295824  
Status : Not Answered  
Chosen Option : --

**Q.18** Below list of words have something in common. Study and identify the odd one.

- Ans**
1. Thousand
  2. Clothing
  3. Personal
  4. Champion

Question ID : 6009295829  
Status : Not Answered  
Chosen Option : --

**Q.19** With which of the following games is Poulomi Ghatak professionally associated?

- Ans**
1. Swimming
  2. Table tennis
  3. Cricket
  4. Shooting

Question ID : 6009295822  
Status : Not Answered  
Chosen Option : --



**Q.20** Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

RFLQ : MPES :: WDOC : ?

- Ans**
1. PCXB
  2. PBXC
  3. PCBX
  4. PBCX

Question ID : 6009295826  
Status : Answered  
Chosen Option : 3

Section : General Hindi

**Q.1** 'अपनी इज्जत अपने हाथ' अर्थ के लिए उपयुक्त लोकोक्ति है:

- Ans**
1. अपनी अपनी खाल में सब मस्त
  2. अपनी पगड़ी अपने हाथ
  3. आगे नाथ न पीछे पगहा
  4. अपनी गरज बावली

Question ID : 6009295848  
Status : Answered  
Chosen Option : 2

**Q.2** निम्न में से कौन सा शब्द शुद्ध है?

- Ans**
1. आवश्यकीय
  2. दाइत्व
  3. चातुर्य
  4. कौशलता

Question ID : 6009295846  
Status : Answered  
Chosen Option : 4

**Q.3** निम्न में से कौन सा शब्द तत्सम है?

- Ans**
1. खीर
  2. खंडहर
  3. खप्पर
  4. खनि

Question ID : 6009295835  
Status : Not Answered  
Chosen Option : --



Q.4 'दानव' का विलोम शब्द होगा:

- Ans
1. मानव
  2. योगी
  3. कोमल
  4. महात्मा

Question ID : 6009295838  
Status : Answered  
Chosen Option : 4

Q.5 'राजपुत्र' में कौन सा समास है?

- Ans
1. द्वंद्व
  2. तत्पुरुष
  3. द्विगु
  4. अव्ययी भाव

Question ID : 6009295843  
Status : Not Answered  
Chosen Option : --

Q.6 'पानी का बुलबुला होना' मुहावरे का अर्थ है:

- Ans
1. महत्वपूर्ण होना
  2. क्रोधित होना
  3. क्षणभंगुर होना
  4. कमजोर होना

Question ID : 6009295847  
Status : Answered  
Chosen Option : 2

Q.7 'सैनिक' में किस प्रत्यय का प्रयोग हुआ है?

- Ans
1. निक
  2. अक
  3. इक
  4. क

Question ID : 6009295845  
Status : Answered  
Chosen Option : 3

Q.8 'क्रम के अनुसार' वाक्यांश के लिए एक शब्द है:

- Ans
1. क्रमांक
  2. विक्रम
  3. अनुक्रमांक
  4. यथाक्रम

Question ID : 6009295839  
Status : Answered  
Chosen Option : 3



Q.9 निम्न में से कौन सा शब्द तद्भव है?

- Ans
1. घट
  2. घोटक
  3. घर
  4. घृणा

Question ID : 6009295836  
Status : Not Answered  
Chosen Option : --

Q.10 निम्नलिखित में से कौन सा शब्द स्त्रीलिंग है?

- Ans
1. शैर्य
  2. ध्यान
  3. धन
  4. धरोहर

Question ID : 6009295841  
Status : Answered  
Chosen Option : 4

Q.11 निम्नलिखित में से कौन सा शब्द पुलिग है?

- Ans
1. बरसात
  2. बरात
  3. बरतन
  4. बर्फ

Question ID : 6009295840  
Status : Answered  
Chosen Option : 3

Q.12 निम्न में से शुद्ध वाक्य कौन सा है?

- Ans
1. मानव पुस्तक पढ़ा।
  2. मानव ने पुस्तक पढ़ा।
  3. मानव ने पुस्तक पढ़ी।
  4. मानव पुस्तक पढ़ी।

Question ID : 6009295849  
Status : Answered  
Chosen Option : 2

Q.13 'अधिकार' में किस उपसर्ग का प्रयोग हुआ है?

- Ans
1. कार
  2. अ
  3. अध
  4. अधि

Question ID : 6009295844  
Status : Answered  
Chosen Option : 3



Q.14 'लोचन' किसका पर्यायवाची है?

- Ans
1. अश्रु
  2. अमृत
  3. आकाश
  4. अँख

Question ID : 6009295837  
Status : Not Answered  
Chosen Option : --

Q.15 'रेखांश' का संधि-विच्छेद होगा:

- Ans
1. रेख + अंश
  2. रेख + आंश
  3. रेखा + अंश
  4. रेखा + आंश

Question ID : 6009295842  
Status : Answered  
Chosen Option : 2

Section : General English

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

I loved swimming \_\_\_\_\_ the sea..

- Ans
1. in
  2. by
  3. on
  4. at

Question ID : 6009295851  
Status : Answered  
Chosen Option : 1

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

Ankit taught me how \_\_\_\_\_ a painting using oil pastels.

- Ans
1. making
  2. to make
  3. make
  4. to be making

Question ID : 6009295853  
Status : Answered  
Chosen Option : 2



**Q.3** Select the most appropriate option to fill in the blank.

The Himalayas are \_\_\_\_\_ than the Alps.

- Ans**
1. oldest
  2. old
  3. older
  4. more older

Question ID : 6009295852  
Status : Answered  
Chosen Option : 3

**Q.4** Select the most appropriate option to fill in the blank.

There is \_\_\_\_\_ insect in this fruit.

- Ans**
1. the
  2. a
  3. an
  4. no word required.

Question ID : 6009295850  
Status : Answered  
Chosen Option : 2

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

Traffic on the road will increase \_\_\_\_\_ the lock down further opens up.

- Ans**
1. although
  2. unless
  3. in case
  4. even if

Question ID : 6009295857  
Status : Answered  
Chosen Option : 3

**Q.6** Select the most appropriate word for the given group of words.

pull or knock down a building

- Ans**
1. abolish
  2. eradicate
  3. erase
  4. demolish

Question ID : 6009295862  
Status : Not Answered  
Chosen Option : --



**Q.7** In the sentence, identify the segment that contains a grammatical error. If there is no error, select 'No error'.

**My father made me writing the answer again.**

- Ans**
1. No error
  2. made me writing
  3. the answer again.
  4. My father

Question ID : 6009295864  
Status : Not Answered  
Chosen Option : --

**Q.8** In the sentence, identify the segment that contains a grammatical error. If there is no error, select 'No error'.

**There were a waterfall further down the river.**

- Ans**
1. the river.
  2. No error
  3. There were a waterfall
  4. further down

Question ID : 6009295863  
Status : Answered  
Chosen Option : 3

**Q.9** Fill in the blank with the most appropriate phrase.

**Our expenditure automatically was \_\_\_\_\_ during the lock down.**

- Ans**
1. cut off
  2. cut up
  3. cut out
  4. cut down

Question ID : 6009295861  
Status : Answered  
Chosen Option : 4

**Q.10** Select the most appropriate option to fill in the blank.

**Why didn't he tell \_\_\_\_\_ about his problems?**

- Ans**
1. they
  2. us
  3. she
  4. we

Question ID : 6009295856  
Status : Answered  
Chosen Option : 2



**Q.11 Select the correctly spelt word.**

- Ans**
1. guidance
  2. giudance
  3. guidace
  4. guidense

Question ID : 6009295860  
Status : Answered  
Chosen Option : 3

**Q.12 Select the most appropriate antonym of the given word.**

**RECKLESS**

- Ans**
1. daring
  2. hasty
  3. attentive
  4. negligent

Question ID : 6009295859  
Status : Not Answered  
Chosen Option : --

**Q.13 Select the most appropriate synonym of the given word.**

**CONCEAL**

- Ans**
1. hide
  2. expose
  3. ignore
  4. open

Question ID : 6009295858  
Status : Answered  
Chosen Option : 1

**Q.14 Select the most appropriate option to fill in the blank.**

They \_\_\_\_\_ all that they had. So they have to walk home.

- Ans**
1. are spending
  2. were spending
  3. spend
  4. have spent

Question ID : 6009295855  
Status : Answered  
Chosen Option : 3



**Q.15 Select the most appropriate option to fill in the blank.**

He \_\_\_\_\_ into the well and saved the drowning child.

- Ans**
1. jumped
  2. is jumping
  3. was jumping
  4. jumps

Question ID : 6009295854  
Status : Answered  
Chosen Option : 1

Section : Domain Knowledge

**Q.1 Which type of combination is given the inverse equivalent resistance by the algebraic sum of the inverses of the individual resistances?**

- Ans**
1. Parallel connected combination
  2. Star series combination
  3. Series connected combination
  4. Parallel and series both combination

Question ID : 6009295959  
Status : Answered  
Chosen Option : 1

**Q.2 Which type of solar power plant does not keep any direct and indirect connection with the grid system?**

- Ans**
1. Grid-tie type solar power plant
  2. Standalone type of solar power plant
  3. Grid-tie with power backup or grid-interactive type solar power plant.
  4. ON grid type solar power plant

Question ID : 6009295999  
Status : Not Answered  
Chosen Option : --

**Q.3 Which helps to slow down the neutrons before they bombard on the fuel rods in a nuclear power plant?**

- Ans**
1. Chain reaction
  2. Slow rods
  3. Moderator
  4. Reactionary rods

Question ID : 6009295998  
Status : Answered  
Chosen Option : 1



**Q.4 Which types of transformer is used in stepped voltage stabilizer?**

- Ans**
1. Auto-transformer
  2. Boost transformer
  3. Current transformer
  4. Small transformer

Question ID : 6009295955  
Status : Answered  
Chosen Option : 1

**Q.5 In self- excited DC generator, the residual magnet is available at?**

- Ans**
1. Armature winding
  2. Field winding
  3. Carbon brushes
  4. Commutator

Question ID : 6009296004  
Status : Answered  
Chosen Option : 2

**Q.6 Which types of insulator is generally used for terminating on corner poles of medium voltage line only?**

- Ans**
1. Pin type
  2. Stay type
  3. Disc type
  4. Shackle type

Question ID : 6009296010  
Status : Answered  
Chosen Option : 3

**Q.7 In the suspension type insulator, each unit or disc is designed for:**

- Ans**
1. 33 KV
  2. 11 KV
  3. 22 KV
  4. 1.1 KV

Question ID : 6009295942  
Status : Answered  
Chosen Option : 2

**Q.8 Which parameter of magnetism is measured in unit of tesla?.**

- Ans**
1. Magnetic flux
  2. Magnetic flux path reluctance
  3. Magnetic field
  4. Magnetic flux density

Question ID : 6009295966  
Status : Answered  
Chosen Option : 4



**Q.9** A 35 SWG copper wire has a fuse rating of 5 amps, and 3 strands in parallel together will have current:

- Ans**
1. 15 amps
  2. 12 amps
  3. 10 amps
  4. 20 amps

Question ID : 6009295954  
Status : Not Answered  
Chosen Option : --

**Q.10**

- Ans**
1. 10 to 20 times more than the air
  2. 2 to 3 times more than the air
  3. 1 to 2 times more than the air
  4. 5 to 10 times more than the air

Question ID : 6009295943  
Status : Answered  
Chosen Option : 2

**Q.11** The direction of single-phase fan motor can be reversed by:

- Ans**
1. Interchange phase and neutral
  2. Interchange capacitor terminals
  3. Interchange running /starting winding terminals any one
  4. Interchange both running & starting winding terminals

Question ID : 6009295919  
Status : Answered  
Chosen Option : 3

**Q.12** Which of the following power plants has the least operating/ running cost?

- Ans**
1. Diesel engine
  2. Hydro-electric
  3. Nuclear
  4. Thermal

Question ID : 6009295938  
Status : Answered  
Chosen Option : 2

**Q.13** Which is related to inverter but not related to battery?

- Ans**
1. The electrolytes
  2. Charging transformer
  3. The Cathode
  4. The Anode

Question ID : 6009295962  
Status : Not Answered  
Chosen Option : --



**Q.14** The maximum leakage current is acceptable in any installation as per B.I.S. standard:

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

Question ID : 6009295937  
Status : Answered  
Chosen Option : 1

**Q.15** Which is used for control flood and excess water escape safely from the reservoir in the hydroelectric plant?

- Ans**
1. Forebay
  2. Spillway
  3. Second reservoir
  4. Hydraulic turbine

Question ID : 6009295995  
Status : Answered  
Chosen Option : 1

**Q.16** Which type of losses considered in copper losses?

- Ans**
1. Core losses
  2. Brush contact resistance losses
  3. Friction losses
  4. Iron losses

Question ID : 6009295986  
Status : Not Answered  
Chosen Option : --

**Q.17** What is generated frequency (F) of Indian electric supply?

- Ans**
1. 45 Hz
  2. 60 Hz
  3. 55 Hz
  4. 50 Hz

Question ID : 6009295876  
Status : Answered  
Chosen Option : 4

**Q.18** Which is not a part of steam power generator?

- Ans**
1. Water turbine
  2. Boiler
  3. Super heater
  4. Economizer

Question ID : 6009295950  
Status : Answered  
Chosen Option : 1



**Q.19**

- Ans**
1. Light Emitting Diode
  2. Constant Current Diode
  3. Schottky Diode
  4. Zener Diode

Question ID : 6009295979  
Status : Answered  
Chosen Option : 2

**Q.20** When the squirrel cage induction motor connected in star to delta, so that the phase voltage is?

- Ans**
1. Same as the line voltage
  - 2.
  - 3.
  - 4.

Question ID : 6009295913  
Status : Answered  
Chosen Option : 1

**Q.21** Underground Conduit pipe Wiring also called:

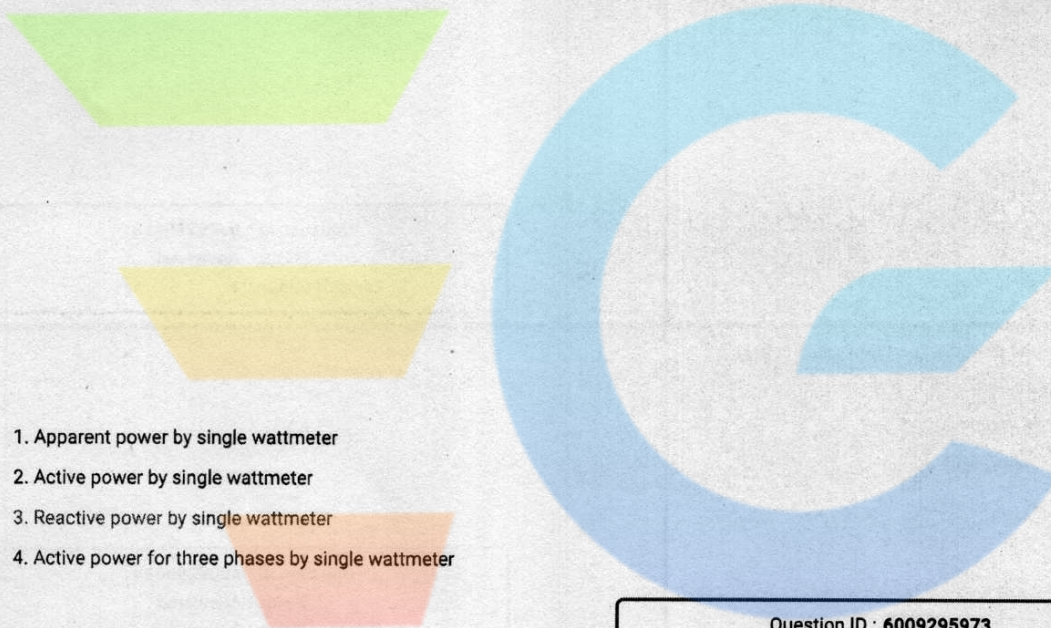
- Ans**
1. Batten wiring
  2. Casing-Capping Wiring
  3. Concealed or duct Wiring
  4. Lead sheathed wiring

Question ID : 6009295888  
Status : Answered  
Chosen Option : 3

**EAD GROUP**



Q.22



- Ans**
1. Apparent power by single wattmeter
  2. Active power by single wattmeter
  3. Reactive power by single wattmeter
  4. Active power for three phases by single wattmeter

Question ID : 6009295973  
Status : Answered  
Chosen Option : 4

**Q.23** In the three-phase system, what is the phase difference between winding coils?

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

Question ID : 6009295879  
Status : Answered  
Chosen Option : 4



**Q.24 In DOL starter is used for protection against:**

- Ans**
1. Over current and voltage
  2. Cut part in wiring at outer side of motor
  3. Internal fault
  4. Auxiliary contact

Question ID : 6009296007  
Status : Answered  
Chosen Option : 1

**Q.25 In the stepped voltage stabilizer, which type of transformer is used for regulating the output voltage?**

- Ans**
1. Auto transformer
  2. Power transformer
  3. Ideal transformer
  4. Current transformer

Question ID : 6009296011  
Status : Answered  
Chosen Option : 1

**Q.26 Which type of diode is regulating the voltage at a particular current?**

- Ans**
1. Zener Diode
  2. Schottky Diode
  3. Light emitting diode
  4. CMOS diode

Question ID : 6009296014  
Status : Answered  
Chosen Option : 1

**Q.27 The induced emf is due to the movement of the conductor in a stationary magnetic field is called?**

- Ans**
1. Statically induced emf
  2. Optional induced emf
  3. Rotating induced emf
  4. Dynamically induced emf

Question ID : 6009295985  
Status : Answered  
Chosen Option : 4



**Q.41 Which of the following does not affect the earth resistivity connected in transmission system?**

- Ans**
1. Soil Resistivity
  2. Dissolved salts
  3. Moisture
  4. Lightning arrestor

Question ID : 6009296002  
Status : Answered  
Chosen Option : 2

**Q.42 What is the purpose of the Earthing mat?**

- Ans**
1. Made with single rods
  2. Work on low fault current
  3. Increase the ground potential
  4. Reduce the overall grounding resistance

Question ID : 6009295975  
Status : Answered  
Chosen Option : 2

**Q.43 Which material is having negative temperature co-efficient?**

- Ans**
1. Brass
  2. Copper
  3. Tin
  4. Carbon

Question ID : 6009295869  
Status : Answered  
Chosen Option : 4

**Q.44 The potential transformer is a?**

- Ans**
1. Power transformer
  2. Indoor transformer
  3. Step down transformer
  4. Auto star transformer

Question ID : 6009295903  
Status : Answered  
Chosen Option : 1

**Q.45 CFL stands for:**

- Ans**
1. Contact Fluorescent lamp
  2. Complete Filament lamp
  3. Compact Fluorescent lamp
  4. Common Filament lamp

Question ID : 6009295929  
Status : Answered  
Chosen Option : 3



**Q.37** The RMS value of alternating current is:

- Ans**
1.  $0.707 I_{max}$
  2.  $0.637 I_{max}$
  3.  $1.11 I_{max}$
  4.  $1.41 I_{max}$

Question ID : 6009295877  
Status : Answered  
Chosen Option : 1

**Q.38** The shape of the voltage wave-form generated by a coil rotating in a magnetic field is called:

- Ans**
1. Cosec wave
  2. Sine wave
  3. Tangent wave
  4. Cot wave

Question ID : 6009295885  
Status : Answered  
Chosen Option : 2

**Q.39** The capacitance of the capacitor is directly proportional to the:

- Ans**
1. Polarity of the plate
  2. Material of the plate
  3. Area of the plate
  4. Voltage of the plate

Question ID : 6009295875  
Status : Answered  
Chosen Option : 2

**Q.40** What is the application of spot light?

- Ans**
1. Garden
  2. Theatre
  3. Home
  4. Road light

Question ID : 6009295928  
Status : Answered  
Chosen Option : 2



**Q.51**

- Ans**
1. X
  2. no jumper connection
  3. Z
  4. Y

Question ID : 6009295992  
Status : Answered  
Chosen Option : 2

**Q.52 Which type of wattmeter can be used for measuring the active power in three phase system at low power factor?**

- Ans**
1. KGF wattmeter
  2. UPF wattmeter
  3. MPF wattmeter
  4. LPF wattmeter

Question ID : 6009295974  
Status : Not Answered  
Chosen Option : --

**Q.53 Select a transformer, which has no losses:**

- Ans**
1. Potential transformer
  2. Low voltage transformer
  3. Single phase transformer
  4. Ideal transformer

Question ID : 6009295898  
Status : Answered  
Chosen Option : 4

**Q.54 Which of the following is considered in demerits of concentric winding?**

- Ans**
1. Easy to the wind, as there is no overlapping of coils.
  2. Winding has more space for cooling.
  3. Skilled labor is required to insert the coils in the slots
  4. Easy to make the end connection.

Question ID : 6009295993  
Status : Answered  
Chosen Option : 3

**Q.55 Which type of cable was first designed by H. Horchstadter?**

- Ans**
1. Belted cable
  2. H-type cable
  3. PILC cable
  4. Pressure cable

Question ID : 6009295945  
Status : Not Answered  
Chosen Option : --



**Q.60** The error caused by the effect of vibrations, humidity is called:

- Ans**
1. Influence errors
  2. Device errors
  3. Human errors
  4. Switching errors

Question ID : 6009295906  
Status : Answered  
Chosen Option : 1

**Q.61** The power which moves in both the directions (forward and reversed) in the circuit is called as.

- Ans**
1. Apparent power
  2. Complex power
  3. Reactive power
  4. Active power

Question ID : 6009295972  
Status : Not Answered  
Chosen Option : --

**Q.62** The speed of a 50Hz Induction motor will be greatest possible when number of poles are:

- Ans**
1. 8
  2. 4
  3. 6
  4. 2

Question ID : 6009295941  
Status : Answered  
Chosen Option : 4

**Q.63** Primary winding of a transformer is connected to 240 V supply and ratio of primary/secondary turns is 1 : 4, the secondary voltage will be?

- Ans**
1. 60 V
  2. 480 V
  3. 960 V
  4. 240 V

Question ID : 6009295904  
Status : Answered  
Chosen Option : 3



**Q.46**

- Ans.**
1. Grounding
  2. Earthing
  3. Lighting arrestor
  4. Circuit breaker

Question ID : 6009296013  
Status : Not Answered  
Chosen Option : --

**Q.47 Intermediate Switch is used in Stair case wiring, where One lamp is controlled from:**

- Ans**
1. Any place
  2. Two places
  3. One Place
  4. Three & more places

Question ID : 6009295887  
Status : Answered  
Chosen Option : 2

**Q.48 What will be the fault if the contact of carbon brushes with commutator is improper in the universal motor?**

- Ans**
1. Motor has not produced torque
  2. Motor will not start
  3. Motor gives shock to human
  4. Motor produces humming sound

Question ID : 6009296006  
Status : Answered  
Chosen Option : 4

**Q.49 The desired depth (Deepness) of trench for low & medium voltage and control cables is?**

- Ans**
1. 1.0 Meter
  2. 2.0 Meter
  3. 0.75 Meter
  4. 1.5 Meter

Question ID : 6009295867  
Status : Answered  
Chosen Option : 4

**Q.50 Which part of the DC generator does not consist of a magnetic field system?**

- Ans**
1. Armature core
  2. field core
  3. Exciting coils
  4. Pole core

Question ID : 6009295932  
Status : Answered  
Chosen Option : 3



**Q.56** The highest level of greatest electrical demand monitored in a particular period or a month is called:

- Ans**
1. Minimum demand
  2. Average demand
  3. General demand
  4. Maximum demand

Question ID : 6009295944  
Status : Answered  
Chosen Option : 4

**Q.57**

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

Question ID : 6009295866  
Status : Answered  
Chosen Option : 3

**Q.58** Which of the following is not a characteristic of an ideal transformer?

- Ans**
1. No magnetic leakage
  2. 50% copper losses
  3. Zero iron losses
  4. Zero winding resistance

Question ID : 6009295901  
Status : Answered  
Chosen Option : 2

**Q.59** While laying cable the minimum bending radius must be \_\_\_\_\_.

(where "D" is the diameter of the cable)

- Ans**
1. 18D
  2. 3D
  3. 6D
  4. 12D

Question ID : 6009296009  
Status : Not Answered  
Chosen Option : --



**Q.69** What is the value of induced EMF in the conductor if a conductor which length is 0.1m moves in flux density of 2.5T area at a velocity of 5m/s?

- Ans**
1. 12.5 V
  2. 1.25 V
  3. 0.20 V
  4. 2.56 V

Question ID : 6009295970  
Status : Not Answered  
Chosen Option : --

**Q.70**

- Ans**
1. A, B, and C are in parallel
  2. A parallel with series combination of B and C.
  3. A, B, and C are in series
  4. A and B are in series and parallel with C

Question ID : 6009295960  
Status : Answered  
Chosen Option : 1

**Q.71** What is the slot distance in degrees if an AC motor has 24 slots with 4 poles?

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

Question ID : 6009295994  
Status : Answered  
Chosen Option : 3

**Q.72** The specific gravity of an electrolyte is measured with?

- Ans**
1. Hydro meter
  2. Multi meter
  3. Micro meter
  4. Hygro meter

Question ID : 6009295872  
Status : Answered  
Chosen Option : 4

**Q.73** The atomic number of the uranium is:

- Ans**
1. 72
  2. 82
  3. 92
  4. 95

Question ID : 6009295949  
Status : Answered  
Chosen Option : 3



**Q.64**

- Ans**
1. 15 m A
  2. 72/ 100 A
  3. 19/ 1500 A
  4. 18 / 1700 A

Question ID : 6009295961  
Status : Answered  
Chosen Option : 4

**Q.65 How to connect the inter pole field coil of DC generator?**

- Ans**
1. Parallel with field winding
  2. Series with Armature winding
  3. Series with field winding
  4. Parallel with Armature winding

Question ID : 6009295926  
Status : Answered  
Chosen Option : 2

**Q.66 The value of charge (Q) is:**

- Ans**
1.  $Q = \text{Capacitance}(C) \times \text{voltage}(V)$
  2.  $Q = \text{Capacitance}(C) / \text{voltage}(V)$
  3.  $Q = \text{Capacitance}(C) \times \text{current}(A)$
  4.  $Q = \text{Capacitance}(C) / \text{current}(A)$

Question ID : 6009295881  
Status : Answered  
Chosen Option : 1

**Q.67 Which one is a semi-conductor?**

- Ans**
1. Tungsten
  2. Gold
  3. Silicon
  4. Silver

Question ID : 6009295886  
Status : Answered  
Chosen Option : 3

**Q.68 What is the over load relay setting of star-delta starter ?**

- Ans**
1. 25% of full load current
  2. 50% of full load current
  3. 58% of full load current
  4. Full load current of motor

Question ID : 6009295914  
Status : Not Answered  
Chosen Option : --



**Q.79** The insulation resistance of any wiring installation should not be less than:

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

Question ID : 6009295891  
Status : Answered  
Chosen Option : 4

**Q.80** The electrolyte of nickel iron cell is:

- Ans**
1. Dilute sulphuric acid
  2. Sulphur dioxide
  3. 21% solution of KOH
  4. Alkaline

Question ID : 6009295870  
Status : Answered  
Chosen Option : 3

**Q.81** What function does silica gel serve in breathers for transformer?

- Ans**
1. To absorb moisture from the winding
  2. To absorb moisture from the oil
  3. To absorb moisture from the air
  4. To provide insulation to the winding

Question ID : 6009295900  
Status : Answered  
Chosen Option : 2

**Q.82** "The induced EMF will set up an opposing force to the force creating it" is known as.

- Ans**
1. Fleming's left-hand rule
  2. Lenz's law
  3. Faraday's second law
  4. Faraday's first law

Question ID : 6009295969  
Status : Answered  
Chosen Option : 2

**Q.83** The E.M.F. Equation of a DC Generator is:

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

Question ID : 6009295893  
Status : Answered  
Chosen Option : 3



**Q.74** The iron losses in a transformer can be determined by:

- Ans**
1. Earth test
  2. Open circuit test
  3. Continuity test
  4. Short circuit test

Question ID : 6009295939  
Status : Answered  
Chosen Option : 2

**Q.75** Which quantity is represented by forefinger in Fleming's left hand rule?

- Ans**
1. The direction of the field flux
  2. The direction of the electric field
  3. The direction of force on the conductor
  4. The direction of the current

Question ID : 6009295968  
Status : Answered  
Chosen Option : 1

**Q.76** According to Voltage grading, voltage range between 251v to 650 V is called:

- Ans**
1. High voltage
  2. Super high voltage
  3. Medium voltage
  4. Minimum voltage

Question ID : 6009295868  
Status : Answered  
Chosen Option : 4

**Q.77** Which type of voltage level is considered in secondary type of transmission line in an overhead system?

- Ans**
1. High voltage level
  2. Extra high voltage level
  3. Medium voltage level
  4. Ultra-high voltage level

Question ID : 6009295956  
Status : Answered  
Chosen Option : 1

**Q.78** How many connection terminals are in the star/delta starter?

- Ans**
1. 4
  2. 10
  3. 6
  4. 8

Question ID : 6009295911  
Status : Not Answered  
Chosen Option : --



**Q.89 Which one of the following is a dry cell?**

- Ans**
1. Zinc-Carbon cell
  2. Lithium cell
  3. Zinc Chloride cell
  4. Silver Oxide cell

Question ID : 6009295871  
Status : Answered  
Chosen Option : 1

**Q.90 Which of the following is given the correct definition of coil span?**

- Ans**
1. The distance between the two sides of a coil measured in terms of armature slots.
  2. The distance between two coil sides that is connected to the same commutator segment.
  3. The distance, in terms of armature conductor, between the beginning of one coil and the beginning of the next coil
  4. Number of armature slots per pole

Question ID : 6009295990  
Status : Answered  
Chosen Option : 1

**Q.91 Speed of DC motor cannot be varied by changing in \_\_\_\_\_.**

- Ans**
1. Lamination of field core
  2. External resistance in armature circuit
  3. The flux per pole
  4. Terminal voltage of the armature

Question ID : 6009295988  
Status : Answered  
Chosen Option : 1

**Q.92 Which is related to reactive power in AC circuit?**

- Ans**
- 1.
  2. VI
  - 3.
  - 4.

Question ID : 6009295971  
Status : Answered  
Chosen Option : 1

**Q.93 In three phase star-connected, four-wire system balanced load, current in Neutral is:**

- Ans**
1. Equal to Phase current
  2. Less than Phase current
  3. More than Phase current
  4. Zero

Question ID : 6009295880  
Status : Answered  
Chosen Option : 4



**Q.84** An area of a semiconductor in which there is an excess of electrons is known as:

- Ans**
1. N-type semiconductor
  2. High insulator
  3. P-type semiconductor
  4. PN junction

Question ID : 6009295980  
Status : Answered  
Chosen Option : 1

**Q.85** The most prominent use of the metal halide lamps (MH) is in:

- Ans**
1. Park & gardens
  2. Theatres
  3. Hospitals & schools
  4. Stadiums & sports fields

Question ID : 6009295930  
Status : Not Answered  
Chosen Option : --

**Q.86** Three-phase induction motor are classified according to their:

- Ans**
1. Shaft construction
  2. Stator construction
  3. Yoke construction
  4. Rotor construction

Question ID : 6009295909  
Status : Answered  
Chosen Option : 4

**Q.87** Which one of the following insulating materials belongs to class E insulation?

- Ans**
1. Silk
  2. Leatheroid paper
  3. Mica
  4. Silicon

Question ID : 6009295924  
Status : Answered  
Chosen Option : 1

**Q.88** In a power transformer, the iron losses & copper losses are equal, then transformer efficiency will be:

- Ans**
1. Maximum
  2. One Fourth
  3. Zero
  4. Half

Question ID : 6009295896  
Status : Answered  
Chosen Option : 1



**Q.98 The main terms to synchronization of two alternator is:**

- Ans**
1. Speed and load must be same
  2. Frequency, and load must be same
  3. Voltage, Frequency and phase sequence must be same
  4. The Speed and exciting voltage must be same

Question ID : 6009295922  
Status : Answered  
Chosen Option : 3

**Q.99 When there is a phase difference of 90 degree between the current & voltage, the circuit will have:**

- Ans**
1. Unity power factor
  2. Zero power factor
  3. Lagging power factor
  4. Leading power factor

Question ID : 6009295884  
Status : Answered  
Chosen Option : 2

**Q.100 The expansion form of RCCB is:**

- Ans**
1. Residual Current Control Breaker
  2. Residual Circuit Current Breaker
  3. Residual Control Circuit Breaker
  4. Residual Current Circuit Breaker

Question ID : 6009295902  
Status : Answered  
Chosen Option : 4

**Q.101 Jogging operation is also called as:**

- Ans**
1. Inching
  2. Running
  3. Breaking
  4. Tripping

Question ID : 6009295912  
Status : Answered  
Chosen Option : 1

**Q.102 In spring control system of electrical measuring instruments, the Hair-spring is made of:**

- Ans**
1. Zinc
  2. Phosphor Bronze
  3. Tungsten
  4. Brass

Question ID : 6009295905  
Status : Answered  
Chosen Option : 2



**Q.94** Measurement of power in Single phase connected, balanced or unbalanced load is possible by:

- Ans**
1. One-watt meter method
  2. Two-watt meter method
  3. Four-watt meter method
  4. Three-watt meter method

Question ID : 6009296001  
Status : Not Answered  
Chosen Option : --

**Q.95** The alternators are rated as:

- Ans**
1. KW
  2. KWH
  3. KVAR
  4. KVA or MVA

Question ID : 6009295921  
Status : Answered  
Chosen Option : 4

**Q.96** How many protons are present in a germanium atom?

- Ans**
1. 32
  2. 14
  3. 34
  4. 29

Question ID : 6009295899  
Status : Answered  
Chosen Option : 1

**Q.97** Centrifugal switch of single-phase capacitor start motor is disconnect the starting winding when the rotor attains about?

- Ans**
1. 50 to 60% of rated speed
  2. 70 to 80% of rated speed
  3. 60 to 70% of rated speed
  4. 80 to 90% of rated speed

Question ID : 6009295917  
Status : Answered  
Chosen Option : 2



**Q.107 The stator of the 3-phase induction motor is like that of a:**

- Ans**
1. 3-phase alternator
  2. DC generator
  3. DC motor
  4. 3-phase transformer

Question ID : 6009295907  
Status : Answered  
Chosen Option : 1

**Q.108 Which distance of overhead transmission system, the cost of HVDC system is lesser than the HVAC system?**

- Ans**
1. Greater than 100 km and less than 500 km
  2. Less than 10 km
  3. Less than 50km
  4. Greater than 600 km

Question ID : 6009296000  
Status : Not Answered  
Chosen Option : --

**Q.109 A shape of a drum mounted on the top of the transformer with a oil level indicator is:**

- Ans**
1. Conservator
  2. Breather
  3. Buchholz relay
  4. Explosion vent

Question ID : 6009295940  
Status : Answered  
Chosen Option : 1

**Q.110 Which type of overhead line supports is used for sections was the line is running straight with some allowed deviation usually not to exceed 45 degrees?**

- Ans**
1. Junction support
  2. Terminal supports
  3. Angle supports
  4. Suspension supports

Question ID : 6009296012  
Status : Not Answered  
Chosen Option : --



**Q.103** At the time of starting, the squirrel cage induction motor is connected in star so that the phase voltage is reduced to:

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

Question ID : 6009295910  
Status : Answered  
Chosen Option : 2

**Q.104**

- Ans**
1. Armature commutator
  2. Field core
  3. Armature core
  4. Armature winding

Question ID : 6009295984  
Status : Answered  
Chosen Option : 3

**Q.105** I G B T stands for:

- Ans**
1. Internal-gate-bipolar-transistor
  2. Insulated-gate-bipolar-transistor
  3. Internal-gang-bipolar-transistor
  4. Integrated-gate-bipolar-transistor

Question ID : 6009295952  
Status : Answered  
Chosen Option : 4

**Q.106** As per BIS standard, which code is used for design, installation and calculation of earthing system?

- Ans**
1. IS-2845
  2. IS-4251
  3. IS- 3320
  4. IS-3043

Question ID : 6009296003  
Status : Not Answered  
Chosen Option : --



Q.116 In power sub circuit, the maximum how many outlets are permitted in each circuit?

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

Question ID : 6009295936  
Status : Not Answered  
Chosen Option : --

Q.117 Disadvantages of hysteresis motor are?

- Ans
1. Low efficiency, low power factor, low torque and very small size
  2. Low efficiency, low speed, high torque and big size
  3. Low efficiency, high speed, high torque and heavy duty
  4. High speed, high torque, heavy duty and heavy weight

Question ID : 6009295918  
Status : Answered  
Chosen Option : 1

Q.118 Which supply is used for the moving iron (MI) type instruments?

- Ans
1. AC only
  2. AC & DC both
  3. Pulsating only
  4. DC only

Question ID : 6009296005  
Status : Answered  
Chosen Option : 1

Q.119 Power in three phase star or delta connection is:

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

Question ID : 6009295882  
Status : Answered  
Chosen Option : 4



**Q.111 Variable-reluctance, permanent-magnet and hybrid are basic type of?**

- Ans**
1. Hysteresis motor
  2. Repulsion motor
  3. Stepper motor
  4. Universal motor

Question ID : 6009295915  
Status : Answered  
Chosen Option : 1

**Q.112 In single phase motor, the phase difference between starting and running winding?**

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

Question ID : 6009295916  
Status : Answered  
Chosen Option : 2

**Q.113 What should be done to reverse the direction of rotation of a three phase induction motor?**

- Ans**
1. Change any two phases with each other
  2. Change earth wire to neutral wire
  3. Change starter
  4. Change main switch

Question ID : 6009295908  
Status : Answered  
Chosen Option : 1

**Q.114 Which part of the DC generator is used for supporting the pole cores and provides mechanical protection to the inner parts of the machines?**

- Ans**
1. Pole core
  2. Yoke
  3. Shaft
  4. Armature core

Question ID : 6009295983  
Status : Answered  
Chosen Option : 2

**Q.115 Which type of battery is related to primary batteries?**

- Ans**
1. Lead-Acid
  2. Alkaline
  3. Lithium-ion
  4. Nickel-Metal Hydride

Question ID : 6009295963  
Status : Answered  
Chosen Option : 2



**Q.124 Which is a disadvantage of bridge rectifier?**

- Ans**
1. Number of Diode is high that of half wave rectifier.
  2. The ripple voltage is low.
  3. Transformer Utilization Factor is high.
  4. The rectification efficiency of the bridge rectifier is double that of the half-wave rectifier.

Question ID : 6009295982  
Status : Answered  
Chosen Option : 3

**Q.125 Which is making a protective shield for radioactive fission in the nuclear plant?**

- Ans**
1. Burring wastes chamber
  2. Condenser
  3. Reactor
  4. Heat exchanger

Question ID : 6009295997  
Status : Not Answered  
Chosen Option : --

**Q.126 The material of commutator segments is?**

- Ans**
1. Brass
  2. Aluminum
  3. Steel
  4. Copper

Question ID : 6009295894  
Status : Answered  
Chosen Option : 4

**Q.127 A full load Transformer has 800-watt copper losses, this losses on half load is:**

- Ans**
1. 400W
  2. 800 W
  3. 200 W
  4. 600 W

Question ID : 6009295897  
Status : Answered  
Chosen Option : 3

**Q.128 Which types of winding wire is used for a submersible pump motor?**

- Ans**
1. S.E. copper wire
  2. Double silk covered copper wire
  3. Double cotton covered copper wire
  4. PVC covered copper wire

Question ID : 6009295927  
Status : Not Answered  
Chosen Option : --



**Q.120 Which law states that in any DC closed circuit, the current (I) is directly proportional to the voltage (V), and it is inversely proportional to the resistance (R). when temperature is constant?**

- Ans**
1. Kirchoff's law
  2. Flaming's law
  3. Ohm's law
  4. Ampere's law

Question ID : 6009295865  
Status : Answered  
Chosen Option : 3

**Q.121 What is the SI Unit of Magnetic Flux?**

- Ans**
1. Weber
  2. Ohm
  3. Lux
  4. Weber/Meter

Question ID : 6009295874  
Status : Answered  
Chosen Option : 1

**Q.122 Which is used for finding the force direction on a current carrying conductor in magnetic field?**

- Ans**
1. Lenz's law
  2. Faraday's second law
  3. Fleming's Right-hand rule
  4. Fleming's left-hand rule

Question ID : 6009295967  
Status : Answered  
Chosen Option : 4

**Q.123 Testing of earth leakage by the ELCB and relay, the terminal of relay is connected between:**

- Ans**
1. Phase wire of the equipment and earth
  2. Phase wire of the equipment and neutral wire
  3. Metal body of the equipment and neutral wire
  4. Metal body of the equipment and earth

Question ID : 6009295978  
Status : Answered  
Chosen Option : 4



**Q.134 Which parameter increases when the speed of DC motor is increases?**

- Ans**
1. Number of conductors
  2. Back emf
  3. Machine poles
  4. Field flux

Question ID : 6009295987  
Status : Answered  
Chosen Option : 2

**Q.135 In electrical installations, the fuse is always connected in to the:**

- Ans**
1. Series in neutral cable
  2. Series in earth wire
  3. Parallel in phase cable
  4. Series in phase cable

Question ID : 6009295889  
Status : Answered  
Chosen Option : 4

**Q.136 Which of the following is defining the resultant pitch?**

- Ans**
1. Number of armature slots per pole
  2. The distance, in terms of armature conductor, between the beginning of one coil and the beginning of the next coil
  3. The distance by which a coil advances on the back of the armature
  4. The distance between two coil sides that is connected to the same commutator segment.

Question ID : 6009295991  
Status : Not Answered  
Chosen Option : --

**Q.137 A generating station which utilizes the potential energy of water at a high level for the generation of electrical energy is known as:**

- Ans**
1. Nuclear power station
  2. Thermal/steam power station
  3. Non-conventional power station
  4. Hydro-electric power station

Question ID : 6009295948  
Status : Answered  
Chosen Option : 4



**Q.129 The total demand in a month divided by number of days in that time period is called:**

- Ans**
1. Average demand
  2. Maximum demand
  3. General demand
  4. Minimum demand

Question ID : 6009295946  
Status : Answered  
Chosen Option : 1

**Q.130 The interaction between electricity and magnetism is known as.**

- Ans**
1. Electromagnetism
  2. Reluctance
  3. Magnet
  4. Permeability

Question ID : 6009295965  
Status : Answered  
Chosen Option : 1

**Q.131 Which Lamp given in the options, can operate on DC supply?**

- Ans**
1. Mercury Lamp
  2. Arc Lamp
  3. Fluorescent lamp
  4. Sodium Vapor Lamp

Question ID : 6009295958  
Status : Answered  
Chosen Option : 2

**Q.132 According to B.I.S. standard, color code of Positive, Negative & Neutral wire of DC supply is:**

- Ans**
1. Red, yellow, & Green
  2. Red, Black & Green
  3. Red, Blue & black
  4. Red, Brown, & black

Question ID : 6009295953  
Status : Answered  
Chosen Option : 2

**Q.133 The maximum value of Power Factor may be:**

- Ans**
1. Unity
  2. Less than unity
  3. Zero
  4. More than unity

Question ID : 6009295878  
Status : Answered  
Chosen Option : 1



**Q.143 The full form of UPS is?**

- Ans**
1. United Power Supply
  2. Unidirectional Power Supply
  3. Uninterrupted Power Supply
  4. Universal Power Supply

Question ID : 6009295951  
Status : Answered  
Chosen Option : 3

**Q.144 As per B.I.S. standard, in Light & fan sub circuit, the maximum load must not be more than:**

- Ans**
1. 800 W
  2. 1500 W
  3. 1200 W
  4. 1000 W

Question ID : 6009295890  
Status : Answered  
Chosen Option : 1

**Q.145 Which of the following is the flow of water from turbines to the stream in the hydroelectric plant?**

- Ans**
1. Surge chamber
  2. Tailrace
  3. Intake Structure
  4. Penstocks

Question ID : 6009295996  
Status : Answered  
Chosen Option : 4

**Q.146 Which type of semiconductor material known as pure semiconductor?**

- Ans**
1. N-type
  2. Extrinsic types
  3. P-type
  4. Intrinsic type

Question ID : 6009295981  
Status : Answered  
Chosen Option : 4

**Q.147 One 4 poles Alternator is running at 1500 R.P.M., Alternator's Frequency will be:**

- Ans**
1. 50 Hz
  2. 60 Hz
  3. 40 Hz
  4. 30 Hz

Question ID : 6009295923  
Status : Answered  
Chosen Option : 1



**Q.138 The Electrolyte for Lead Acid battery is?**

- Ans**
1. Ammonium chloride
  2. Dilute sulfuric acid
  3. Hydrochloric acid
  4. Sodium chloride

Question ID : 6009295873  
Status : Answered  
Chosen Option : 2

**Q.139 Terminals of electrical accessories (switch, socket etc.) are made of:**

- Ans**
1. Copper
  2. Brass
  3. Iron
  4. Silver

Question ID : 6009295934  
Status : Answered  
Chosen Option : 2

**Q.140 In a power sub circuit, the load is not more than:**

- Ans**
1. 3000 W
  2. 1000 W
  3. 4000 W
  4. 2000 W

Question ID : 6009295892  
Status : Answered  
Chosen Option : 1

**Q.141 Which one is not a braking system?**

- Ans**
1. Regenerative braking
  2. Frequency braking
  3. Dynamic braking
  4. Plugging type braking

Question ID : 6009295920  
Status : Answered  
Chosen Option : 2

**Q.142**

- Ans**
1. Lithium
  2. Nickel
  3. Lead-Acid
  4. Nickel Cadmium (Ni Cd)

Question ID : 6009295964  
Status : Not Answered  
Chosen Option : --



**Q.148 The SI unit of luminous efficiency is:**

- Ans**
1. Candela
  2. Lumens /watt
  3. Luminous flux
  4. Lux

Question ID : 6009295931  
Status : Answered  
Chosen Option : 2

**Q.149 Which is not a wiring system?**

- Ans**
1. Grid system
  2. Distribution board system
  3. Tree system
  4. Ring main system

Question ID : 6009295935  
Status : Answered  
Chosen Option : 2

**Q.150 Which type of speed control method cannot be considered in Armature control?**

- Ans**
1. Shunted Armature Control Method
  2. Armature Terminal Voltage Control
  3. Armature lamination changing method
  4. Armature Resistance Control Method

Question ID : 6009295989  
Status : Answered  
Chosen Option : 3

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