

Instructions : Each question has **Four Options**. There is only one correct answer to each question. Choose the **MOST APPROPRIATE** option and darken the corresponding circle on the OMR Answer Sheet.

1. Which one of the following is to be pressed to select an entire MS Excel worksheet ?
☒ (1) Ctrl + Shift + Spacebar
☐ (2) Shift + Spacebar
☐ (3) Shift + backspace
☒ (4) Ctrl + Spacebar
2. Which of the following commands is used to view hidden files ?
☒ (1) ls-h
☐ (2) ls-a
☐ (3) ls-l
☐ (4) ls-k
3. Which of the following on the Keyboard is used to move the cursor to the first column on the current row in MS Excel ?
☒ (1) Ctrl + Home
☐ (2) Page Up
☐ (3) Home
☐ (4) Page Down
4. Which of the following is represented by 'rectangles' in an ER diagram ?
☒ (1) Attributes
☐ (2) Tuples
☐ (3) Tables
☐ (4) Entity sets
5. ISP stands for :
☐ (1) Internet Speed Process
☐ (2) Internet Service Provider
☐ (3) International Server Protocol
☐ (4) Internet Security Protocol
6. Which of the following is the binary equivalent of $(52)_{10}$?
☐ (1) $(110100)_2$
☐ (2) $(110011)_2$
☒ (3) $(110101)_2$
☐ (4) $(110110)_2$

7. The promotional electronic messages sent for marketing purpose are called :
☐ (1) Social
☒ (2) Spam
☐ (3) Fishing
☐ (4) Virus
8. The numeric data entered in a worksheet is _____ aligned by default.
☒ (1) Left
☐ (2) Center
☐ (3) Top
☐ (4) Right
9. In an MS Word document which one of the following is to be pressed to toggle the Ribbon display on and off ?
☐ (1) Shift + F1
☐ (2) Ctrl + F1
☒ (3) Shift + F3
☒ (4) Ctrl + F3
10. The register containing the address of the instruction to be executed is called :
☐ (1) Memory Address Register
☐ (2) Memory Data Register
☒ (3) Index Register
☐ (4) Instruction Register
11. Which of the following is equivalent to the expression :
 $\overline{A} \overline{B} \overline{C} \overline{D} + \overline{A} \overline{B} \overline{C} D + \overline{A} \overline{B} C \overline{D} + \overline{A} \overline{B} C D$?
☐ (1) AC
☐ (2) B + C
☐ (3) AB + CD
☐ (4) $\overline{B} \overline{C}$
12. 'ICT' stands for :
☒ (1) Information and Communication Technology
☐ (2) Information Communication and Teaching
☐ (3) Information Command Technology
☐ (4) Information Common Technology

13. Which of the following tabs is used to enable 'Ruler' option in MS Word 2016 ?

- ☒ (1) Page Layout
- (2) View
- (3) Review
- ☒ (4) Design

14. Which one of the following is not a system software ?

- (1) Disk cleanup software
- ☒ (2) Word Processor
- (3) Device driver
- (4) Operating system

15. In MS Word F12 function key opens a

- (1) Save as dialog box
- (2) Open dialog box
- (3) Close dialog box
- ☒ (4) Save dialog box

16. Which one of the following is the default extension for a PowerPoint presentation in MS Office 2016 ?

- (1) .ppt
- ☒ (2) .pptx
- (3) .ppp
- (4) .msppt

17. The term 'URL' stands for :

- ☒ (1) Uniform Resource Locator
- (2) Uniform Repository Locator
- (3) Uniform Resource Location
- (4) Unit Reserve Locator

18. In HTML, which of the following is the smallest heading tag ?

- (1) <H1>
- (2) <H0>
- (3) <H8>
- ☒ (4) <H6>

19. In the context of errors in a Computer system, what does 'BSOD' stand for ?

- (1) Broken Software on Disk
- ☒ (2) Bad Sector on Disk
- (3) Basic System Overloaded Disk
- (4) Blue Screen of Death

20. Which one of the following is not a 'view' in MS PowerPoint ?

- ☒ (1) Slide Sorter View
- (2) Normal View
- (3) Outline View
- ☒ (4) Presentation View

21. Which one of the following allows the end user to study, change and distribute the software for any purpose ?

- (1) Open Source Software
- (2) Shareware
- (3) Antivirus Software
- ☒ (4) Freeware

22. Under which of the following tabs, the watermark button is available in MS Word 2016 ?

- ☐ (1) Home
- ☒ (2) Insert
- ☐ (3) Page Setup
- ☒ (4) Design

23. Which of the following shortcut keys is used to write superscript in MS Word ?

- ☒ (1) Ctrl + Shift + +
- (2) Ctrl + Shift + D
- (3) Alt + Shift + D
- (4) Alt + Shift + +

24. Which of the following shortcut keys enable filtering of selected cells in MS Excel ?

- ☐ (1) Alt + L
- ☒ (2) Ctrl + Shift + L
- ☒ (3) Ctrl + F
- ☒ (4) Shift + F

25. In MS Word, the distance between edge of a paper and the written text is called :

- (1) Ruler line
- (2) Alignment
- ☒ (3) Margin
- (4) Indent stop

26. In MS Word Ctrl + W is used to _____
 (1) Save and Close word application
 (2) Save and Close document
 (3) Without save Close document
 (4) Save and Print the document
27. Which one of the following statements is correct ?
 (1) ROM is a non-volatile memory
 (2) RAM is a type of secondary memory
 (3) ROM is a type of secondary memory
 (4) RAM is a non-volatile memory
28. Which of the following features is not present in Java programming language ?
 (1) Pointers
 (2) Platform Neutral
 (3) Object Oriented
 (4) Polymorphism
29. What is the value of the following MS Excel formula ?
 =FLOOR (14, 4)
 (1) 10
 (2) 13
 (3) 14
 (4) 12
30. Which of the following is a valid function in MS Excel ?
 (1) Averageifs
 (2) Sumsif
 (3) Counts
 (4) Averagesif
31. Which type of chart is good for a single series of data ?
 (1) Pie chart
 (2) Line chart
 (3) Cone chart
 (4) Column chart
32. Which one of the following is equivalent of $(567)_8$?
 (1) $(1AF)_{16}$
 (2) $(177)_{16}$
 (3) $(D77)_{16}$
 (4) $(133)_{16}$

33. Which of the following is the purpose of 'Safe Mode' option in Windows Operating System ?
 (1) To Uninstall Software
 (2) To run computer at a maximum performance
 (3) To test hardware components
 (4) To start windows with a minimal set of drivers and services
34. What does XML stand for ?
 (1) Extra Markup Language
 (2) extensible Markup Language
 (3) Example Markup Language
 (4) X-Markup Language
35. In MS Word using which of the following ribbon tabs, Header and Footer can be obtained in a document ?
 (1) Insert Menu
 (2) Tools Menu
 (3) Format Menu
 (4) View Menu
36. The process of verifying identity of a user is called :
 (1) Validation
 (2) Verification
 (3) Authorization
 (4) Authentication
37. Which of the following is the smallest unit of digital information ?
 (1) Word
 (2) Bit
 (3) Block
 (4) Byte
38. In MS PowerPoint, the dotted areas in an empty slide are called :
 (1) Placeholders
 (2) Themes
 (3) Template
 (4) Placard

39. Which of the following is not a web browser ?

- (1) Google Chrome
- (2) Opera
- ✓(3) Linux
- (4) Mozilla Firefox

40. Which of the following is used to represent relationship between two tables in the context of relational database ?

- ✓(1) Primary key
- (2) Super key
- (3) Foreign key
- (4) Candidate key

41. Attorney-General for India is appointed by the :

- ✓(1) President of India
- (2) Chairman Law Commission
- (3) Union Minister of Law and Justice
- (4) Chief Justice of India

42. Match the List-I correctly with the List-II :

List - I
(Railway Zone)

List - II
(Railway Zone Headquarters)

- | | |
|---------------------------|----------------|
| (A) North Western Railway | (i) Hajipur |
| (B) North Central Railway | (ii) Jabalpur |
| (C) West Central Railway | ✓(iii) Jaipur |
| (D) East Central Railway | (iv) Prayagraj |

Select the correct answer using the code given below :

- ✓(1) (A)-(iv), (B)-(iii), (C)-(i), (D)-(ii)
- (2) (A)-(iv), (B)-(iii), (C)-(ii), (D)-(i)
- (3) (A)-(iii), (B)-(iv), (C)-(ii), (D)-(i)
- (4) (A)-(iii), (B)-(iv), (C)-(i), (D)-(ii)

43. Where is Institute of Infrastructure Technology, Research and Management located ?

- (1) Anand
- ✓(2) Ahmedabad
- (3) Surat
- (4) Vadodara

44. Which one of the following is the correct sequence of districts of Gujarat moving from West towards the East ?

- (1) Jamnagar - Rajkot - Anand - Botad
- ✓(2) Jamnagar - Rajkot - Botad - Anand
- (3) Rajkot - Jamnagar - Botad - Anand
- (4) Rajkot - Jamnagar - Anand - Botad

45. If Demand Price curve of a product is a vertical line, it implies that :

- ✓(1) Price Elasticity of Demand is zero
- (2) Price Elasticity of Demand is 0.5
- (3) Price Elasticity of demand is quite high
- (4) Price Elasticity of demand is infinite

46. Which one of the following countries does not bound the Caspian Sea ?

- (1) Azerbaijan
- (2) Armenia
- (3) Iran
- (4) Kazakhstan

47. Name the person after whom Gujarat Legislative Assembly has been named ?

- (1) Mahatma Gandhi
- (2) Vitthalbhai Patel
- ✓(3) Dr. Jivraj Mehta
- ✓(4) Sardar Vallabhbhai Patel

48. Match the List-I correctly with the List-II :

List - I
(Part of the Constitution of India)

List - II
(Subject)

- | | |
|----------|---|
| (A) VI | (i) Official Language |
| (B) XIV | (ii) Elections |
| (C) XV | (iii) Services under the Union and the States |
| (D) XVII | (iv) The States |

Select the correct answer using the code given below :

- (1) (A)-(iv), (B)-(iii), (C)-(ii), (D)-(i)
- (2) (A)-(iii), (B)-(iv), (C)-(i), (D)-(ii)
- (3) (A)-(iii), (B)-(iv), (C)-(ii), (D)-(i)
- (4) (A)-(iv), (B)-(iii), (C)-(i), (D)-(ii)

49. Which one of the following is the correct chronological order as the President of India ?
- (1) N. Sanjiva Reddy - Zail Singh - S.D. Sharma - K.R. Narayanan
 - (2) K.R. Narayanan - S.D. Sharma - N. Sanjiva Reddy - Zail Singh
 - (3) S.D. Sharma - Zail Singh - N. Sanjiva Reddy - K.R. Narayanan
 - (4) Zail Singh - N. Sanjiva Reddy - S.D. Sharma - K.R. Narayanan
50. Which one of the following is correct ?
- (1) 1 Hectare = 1000 sq. m.
 - ☒ (2) 1 Hectare = 10,000 sq. m.
 - (3) 1 Hectare = 1,00,000 sq. m.
 - (4) 1 Hectare = 100 sq. m.
51. Choose the correctly spelt word.
- (1) Aisthetic
 - (2) Aesthatic
 - (3) Aesthetik
 - ☒ (4) Aesthetic
52. Choose the correct synonym for the word 'furious' :
- (1) Amiable
 - ☒ (2) Angry
 - (3) Fuss
 - (4) Pleasant
53. Choose the correct antonym for the word 'Scarce' :
- (1) Scarecrow
 - (2) Sufficient
 - (3) Scare
 - ☒ (4) Particular
54. Find the misspelt word in the sentence 'The husband was very derogatory in his attitude to his wife'.
- ☒ (1) derogatory
 - (2) husband
 - (3) wife
 - (4) attitude
55. Choose the alternative which can be substituted for the given words :
Loss of memory
- ☒ (1) Insomnia
 - (2) Amnesia
 - (3) Forgetting
 - (4) Ambrosia
56. Choose the most appropriate synonym of the given word :
DEMISE
- (1) Default
 - ☒ (2) Death
 - (3) Apprehension
 - (4) Result
57. Fill in the blank with the right word in the sentence 'My mother _____ with me to accompany her'.
- (1) argued
 - ☒ (2) pleaded
 - (3) furnished
 - (4) discussed
58. Choose the meaning of the following idiom to 'Stir the Hornet's nest' :
- (1) Raise controversy
 - (2) The nest of a crow
 - (3) Illogical
 - ☒ (4) Confusion
59. Find the misspelt word in the sentence 'The parents were shatered on hearing the news of the accident of their child'.
- (1) hearing
 - (2) accident
 - ☒ (3) parents
 - (4) shatered
60. Fill in the blank with the right word in the sentence 'Watching the horror film _____ the child'.
- ☒ (1) knocked
 - (2) frightened
 - (3) dormant
 - (4) humiliated

61. Choose the alternative which can be substituted for the given sentence :

Life history of a man written by himself.

- (1) Calligraphy
- (2) Bibliography
- (3) Autobiography
- (4) Biography

62. Choose the meaning of the following idiom 'Rome was not built in a day'.

- (1) Romans are lazy people
- (2) Toil is necessary for achieving anything great
- (3) Romans are very tardy in their work
- (4) Roman civilization was very slow

63. Choose the correctly spelt word.

- (1) Aierobics
- (2) Aerobics
- (3) Aerobecs
- (4) Aerobiks

64. Choose the correctly spelt word.

- (1) Contagious
- (2) Contegious
- (3) Contageous
- (4) Cantagious

65. Choose the correct antonym for the word 'sedentary' :

- (1) Active
- (2) Seduce
- (3) Taunt
- (4) Passive

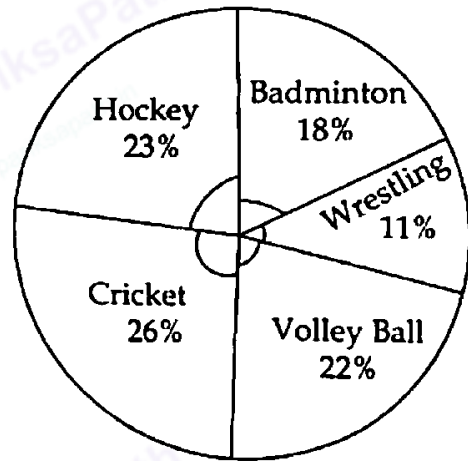
66. If the mode of the data 78, 74, 62, $(2x-3)$, 57, 62, 57 and 48 is 57, then what is the value of $(x+15)$?

- (1) 44
- (2) 45
- (3) 46
- (4) 43

67. The value of $\frac{4^{n+3} - 4^{n+1}}{4^{n+1} - 4^n}$ is :

- (1) 5
- (2) 12
- (3) 20
- (4) $\frac{16}{3}$

68. A survey was done on school students regarding their most favourite sports. Their responses are shown in the pie-chart :



If 528 students liked wrestling, then how many more students liked Badminton in comparison to Wrestling ?

- (1) 336
- (2) 330
- (3) 324
- (4) 342

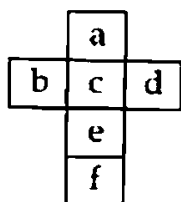
69. A fruit seller buys Oranges at the rate of 12 for ₹ 60. How many Oranges in ₹ 90 should he sell so as to gain 20% ?

- (1) 14
- (2) 15
- (3) 16
- (4) 13

70. A 260 m long train crosses a 300 m long platform in 21 seconds. The speed of the train (in km/h) is :
- (1) 84
 - (2) 96
 - (3) 102
 - (4) 66.66

71. 'A', 'B', 'C', 'D', 'E' and 'F' are sitting around a round table facing the centre. 'A' is sitting opposite to 'B', who is to the right of 'D', 'A' is between 'C' and 'F' and 'F' is not next to 'D'. Who is to the right of 'E' ?
- (1) C
 - (2) D
 - (3) F
 - (4) B

72. If the given figure is folded to form a dice, which alphabet will come opposite 'f' ?



- (1) c
- (2) b
- (3) d
- (4) a

73. Rohit's father is twice old as Rohit 2 years hence the father's age will be 34 years more than Rohit's age. The age of Rohit's father is :
- (1) 68 years
 - (2) 36 years
 - (3) 48 years
 - (4) 54 years

74. Select the number that can replace the question mark (?) in the following series : 4, 8, 14, 22, 32, ?, 58.
- (1) 44
 - (2) 42
 - (3) 40
 - (4) 48

75. If 19th August is on Saturday, which day will be on 18th September of the same year ?
- (1) Thursday
 - (2) Monday
 - (3) Wednesday
 - (4) Sunday

76. Who is the Governor of Maharashtra ?
- (1) G.C. Kataria
 - (2) C.P. Radhakrishnan
 - (3) M.K. Bagade
 - (4) B. Dattatreya

77. Who amongst the following is the CEO of YouTube ?
- (1) Ajay Banga
 - (2) Neel Mohan
 - (3) Rohit Java
 - (4) Vinod Dham

78. Who among the following is the Chief of the Indian Navy ?
- (1) Dinesh K Tripathi
 - (2) VR Chaudhari
 - (3) AP Singh
 - (4) Upendra Dwivedi

79. Who is the Union Education Minister of India ?
- (1) J.P. Nadda
 - (2) K.R. Naidu
 - (3) Murlidhar Mohol
 - (4) Dharmendra Pradhan

80. Consider the following statements in respect of Nobel Prize :
- A : The Norwegian Nobel Committee confers the prizes for peace and Literature.
- B : The Royal Swedish Academy of Sciences confers the prizes for Physics, Chemistry and Economics.
- Which of the above statements is/are correct ?
- (1) B only
 - (2) Both A and B
 - (3) Neither A nor B

81. Who is the Solicitor General of India ?
- (1) R. Venkatramani
 - ✓(2) Tushar Mehta
 - (3) Prashant Bhushan
 - ✓(4) K. Venugopal
82. Consider the following statements :
- A : Kamala Harris was earlier the Attorney General of California.
- B : Kamala Harris has been the first woman Vice President of the USA.
- Which of the above statements is/are correct ?
- (1) B only
 - ✓(2) Both A and B
 - (3) Neither A nor B
 - (4) A only
83. In the Olympics 2024 at Paris, India defeated which country to win the Hockey Bronze Medal ?
- (1) Australia
 - (2) Spain
 - ✓(3) Belgium
 - (4) Great Britain
84. Who is the Speaker for Lok Sabha 2024 ?
- (1) J.P. Nadda
 - (2) M.L. Khattar
 - ✓(3) Om Birla
 - (4) Meenakshi Lekhi
85. Benjamin Netanyahu is the Prime Minister of which country ?
- (1) Syria
 - ✓(2) Israel
 - (3) Lebanon
 - (4) Jordan

86. તળપદા શબ્દનો શિષ્ટ શબ્દ શોધો -
'રંગત'
- (1) રૈયત
 - (2) રક્ત
 - ✓(3) રકમ
 - (4) રમત
87. 'ટકે શેર ભાજી ટકે શેર ખાજી' કહેવતનો અર્થ શોધો.
- (1) શેર બજારમાં મળે નહીં
 - ✓(2) પૈસા કરતાં તકની કિંમત ઘણી મોટી છે.
 - (3) ભાજી ખાવાથી પૈસા મળે
 - ✓(4) સારું- નરસું બધું સરખું
88. 'આ દુનિયામાં મારું કોણ?' વિધાનમાં રેખાંકિત વિશેષણનો પ્રકાર જણાવો.
- (1) પરિમાણવાચક
 - ✓(2) સાર્વનામિક
 - (3) કર્તૃવાચક
 - (4) માત્રાવાચક
89. 'શાશ્વત' શબ્દનો વિરુદ્ધાર્થી શોધો.
- (1) વિદ્યમાન
 - (2) સનાતન
 - (3) અક્ષત
 - ✓(4) નાશવંત
90. 'ભમરા સમો આ ભમતો પવન' પંક્તિમાં કયો અલંકાર છે?
- (1) રૂપક
 - (2) ઉત્પ્રેક્ષા
 - (3) અનન્વય
 - ✓(4) ઉપમા

91. નીચેનામાંથી ખોટી જોડણીવાળો શબ્દ શોધો.

- (1) કૃતિ
- (2) કવિ
- (3) ક્ષિણ
- ✓(4) અતિથિ

92. તળપદા શબ્દનો શિષ્ટ શબ્દ શોધો -
'સમો'

- ✓(1) સમાન
- (2) સમય
- (3) સરસ
- (4) સામો

93. 'વર્ષાકાલે જલધિજલનાં હોય જાણે તરંગ' પંક્તિમાં કયો અલંકાર છે?

- (1) ઉપમા
- ✓(2) ઉત્પ્રેક્ષા
- (3) શ્લેષ
- (4) રૂપક

94. નીચેના વિધાનમાંથી સંયોજક શોધો-

'તમે કેરી લાવ્યા છતાં હું ન આવી શક્યો.'

- (1) લાવ્યા
- (2) હું
- ✓(3) છતાં
- (4) તમે

95. 'ઉદ્ગમ્' શબ્દનો સાચો સમાનાર્થી શબ્દ શોધો.

- (1) સ્વર્ગસ્થ
- ✓(2) ઊગવું
- (3) વિરામ

96. 'દુઃખનું ઓસડ દહાડા' કહેવતનો અર્થ શોધો.

- ✓(1) દુઃખના દિવસો પૂરા થવા
- (2) દુઃખ હંમેશાં વધારે જ હોય છે
- ✓(3) સમય ગમે તેવાં દુઃખને ભૂલાવે
- (4) દિવસો સુખના હોવા

97. શબ્દસમૂહ માટે એક શબ્દ શોધો - 'ખભે નાખવાનું વસ્ત્ર'

- (1) અંચળો
- ✓(2) ખેસ
- (3) વાઢી
- (4) પીતાંબરી

98. શબ્દસમૂહ માટે એક શબ્દ શોધો -
'પથ્થર ગોઠવીને કરેલો કામચલાઉ ચૂલો'

- ✓(1) મંદાક્ષ
- (2) મંગલ
- (3) મંગાળો
- (4) સગડી

99. 'જીવ હેઠે બેસવો' રૂઢિપ્રયોગનો અર્થ શોધો.

- (1) લીમડા હેઠે બેસવું
- (2) દુઃખી થવું
- ✓(3) શાંતિ અનુભવવી
- (4) સમજણ ન હોવી

100. 'તારા ગણવા' રૂઢિપ્રયોગનો અર્થ શોધો.

- (1) અણસમજમાં ખોટું કરવું
- (2) ખોટા મિત્રોને ઓળખવા
- ✓(3) સ્વપ્નો સેવવાં
- (4) આકાશનો પ્રકાશ અનુભવવો

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