

116/2024-K

Maximum : 100 marks

Time : 1 hour and 30 minutes

1. Which of the following is a branch of science that deals with the population structure such as birth and death rates, migration and population density?
(A) Anthropology (B) Geography
(C) Demography (D) Ethnography
2. Who is known as 'Mayyazhi Gandhi'?
(A) Dr. Palpu (B) I.K. Kumaran
(C) K. Kelappan (D) V.P. Menon
3. Which five year plan in India is known as 'Gadgil Yojana'?
(A) Fifth five year plan (B) Second five year plan
(C) Fourth five year plan (D) Third five year plan
4. Who is the present Human Resource Development Minister of India?
(A) Nirmala Sitharaman (B) Bhupender Yadav
(C) Prakash Jawadekar (D) None of the above
5. Who formulated the 'Drain theory'?
(A) V.K. Krishnamenon (B) Dadabhai Naoroji
(C) Bal Gangadara Tilak (D) C.R. Das
6. Who is the present census commissioner of India?
(A) Sri. J.H. Hutton (B) Sri. Vijay S. Verma
(C) Sri. Manmohan Singh (D) Sri. Mrithunjay Kumar Narayan
7. In which year Kerala startup mission started its operation?
(A) 2006 (B) 2007
(C) 2004 (D) 2005
8. Who was the president of the Indian National Congress in the Amaravathi conference?
(A) A.O. Hume (B) K. Kelappan
(C) C. Sankaran Nair (D) Subash Chandra Bose
9. Who was the first Martyr of freedom struggle in South India?
(A) T. Prakasam (B) Vanchi Iyer
(C) V.O. Chidambaram (D) Kattabhomman
10. Who was the founder of 'Sadhu Jana Paripalana Sangham'?
(A) Sree Narayana Guru (B) Pandit K.P. Karuppan
(C) Kumaragurudevan (D) Ayyankali

A

3

[P.T.O.]

11. The maximum number of bits sufficient to represent an octal number in the binary format is :
- (A) 4 (B) 3
(C) 7 (D) 8
12. A computer program that acts as a bridge between the hardware and the user is known as :
- (A) System software (B) Application software
(C) Operating system (D) Driver
13. Random Access Memory (RAM) that stores data bits in its memory as long as power is supplied is known as
- (A) SRAM (B) DRAM
(C) Both (A) and (B) (D) None of the above
14. _____ technology is widely used in the banking industry for processing cheques.
- (A) OMR (B) OCR
(C) MICR (D) All of the above
15. Which one is not a function of operating system?
- (A) Manages storage devices (B) Execution of arithmetic operation
(C) Process input / output requests (D) Error detecting aids
16. EPROM stands for :
- (A) Electronically Programmable Read Only Memory
(B) Erasable Programmable Read Only Memory
(C) Electronically Primary Read Only Memory
(D) Erasable Primary Read Only Memory
17. SIMM chip stands for :
- (A) Single in-line memory module (B) Single in-line module memory
(C) Single in-line mass module (D) Single in-line module mass
18. Which one of the following is not an input device?
- (A) Trackball (B) Microphone
(C) Touch screen (D) Monitor
19. _____ devices are used to read PIN codes in postal services and reading of passenger tickets.
- (A) OMR (B) OCR
(C) Scanner (D) Digitiser
20. Which one is faster, Cache memory or RAM?
- (A) RAM (B) Both are of same speed
(C) Cache memory (D) None

21. What can be used to insert an image behind the content of the page in a word document?
- (A) Watermark (B) Background Text
(C) Effects (D) Text Wrapping
22. How can we make a selected text bold in MS Word?
- (i) Ctrl + B
(ii) Home tab → Font → Bold
- (A) (i) only (B) (ii) only
(C) both (i) and (ii) (D) none of these
23. Which feature aligns text to both the left and right margins by adding extra space between words as necessary?
- (A) Align text right (B) Justify
(C) Align text left (D) Indent
24. Shortcut key for creating a new MS Word document is :
- (A) Shift + N (B) Ctrl + N
(C) F5 (D) F1
25. The symbol used to lock the cell reference, in MS-Excel is :
- (A) # (B) &
(C) \$ (D) /
26. The intersection point of a horizontal row and a vertical column in a worksheet is called :
- (A) Box (B) Square
(C) Grid (D) Cell
27. Which function in MS EXCEL is used to count the number of cells that meet a criterion?
- (A) COUNT (B) IF
(C) COUNTIF (D) SUM
28. A formula always begins with _____ sign in MS Excel.
- (A) & (B) /
(C) = (D) \$

29. The visual effects that occur when you move from one slide to the next during a presentation is :
- (A) Slide Animation (B) Slide Transition
(C) Slide Orientation (D) Slide Show
30. In MS Power Point, Which shortcut key can be used to start the presentation?
- (A) Alt + F5 (B) Ctrl + F5
(C) F5 (D) F10
31. An object is an instance of :
- (A) Inheritance (B) Constructor
(C) Class (D) Operator
32. Which of the following concepts of OOP indicates code reusability?
- (A) Abstraction
(B) Polymorphism
(C) Encapsulation
(D) Inheritance
33. The preprocessor directive *#include* tells the compiler :
- (A) To identify namespace in your source code
(B) To insert another file into your source file
(C) To include your source file into another file
(D) To include namespace in your source file
34. Which of the following statement is/are correct about member functions in a C++ class?
- (i) A member function is defined only outside the class
(ii) A member function with the same name as its class is called a constructor
(iii) A member function operate on class data
- (A) (i) only (B) (i) and (ii) only
(C) (ii) and (iii) only (D) (iii) only

40. What does the term 'record' refer to in SQL?
- (A) A row in a table (B) A column in a table
(C) A primary key constraint (D) A collection of all data in a table
41. What happens to the table structure when you use 'DROP TABLE' command in SQL?
- (A) Table structure is truncated (B) Table structure is deleted
(C) Table structure is modified (D) Table structure remains intact
42. In SQL, which 'LIKE' pattern matches any sequence of zero or more characters?
- (A) - (B) ^
(C) ! (D) %
43. Which SQL aggregate function returns the total number of unique values in a column?
- (A) COUNT(DISTINCT column) (B) TOTAL (DISTINCT column)
(C) UNIQUE (column) (D) DISTINCT (column)
44. Which SQL join returns only the rows where there is a match in both tables based on the join condition?
- (A) NATURAL JOIN (B) INNER JOIN
(C) OUTER JOIN (D) CROSS JOIN
45. Which part of a URL specifies the protocol being used?
- (A) Path (B) Query
(C) Host (D) Scheme
46. What is the primary purpose of an HTML editor?
- (A) Writing email (B) Editing photos
(C) Creating and editing web pages (D) Designing databases
47. Which HTML tag is used to create a drop-down list?
- (A) <menu> (B) <dropdown>
(C) <list> (D) <select>

48. In which HTML tag is the 'cellpadding' attribute typically used?
- (A) <table> (B) <caption>
(C) <input> (D) <style>
49. What is the correct way to declare a variable in JavaScript?
- (A) declare product_name; (B) variable product_name;
(C) var product_name; (D) char product_name;
50. How do you define a function in JavaScript?
- (A) void name(){ } (B) function name () { }
(C) def name() { } (D) var = name() { }
51. Which one of the following is not belong to the tensions of the Typewriter?
- (i) Carriage Tension
(ii) Ribbon Tension
(iii) Rack Tension
(iv) Key Tension
- (A) (i) only (B) (ii) only
(C) (iv) only (D) (iii) only
52. What is the line space used while typing "Commercial Work"?
- (i) Triple
(ii) 1.5
(iii) Double
(iv) Single
- (A) (ii) only (B) (i) only
(C) (iv) only (D) (iii) only
53. On which part of the typewriter do the Rigid Dog and Loose Dog act?
- (i) Escapement Wheel
(ii) Pinion Wheel
(iii) Thumb Wheel
(iv) None of the above
- (A) (i) only (B) (iv) only
(C) (iii) only (D) (ii) only

54. Where we will type the word 'URGENT'. On a cover?
- (i) Top Right of the Cover
 - (ii) Top Left of the Cover
 - (iii) Centre Portion of the Cover
 - (iv) None of these
- (A) (iii) only (B) (iv) only
(C) (i) only (D) (ii) only
55. Which among the following is used to increase Keyboard tension?
- (i) Variable Line Spacer
 - (ii) Detent Release Lever
 - (iii) Ratchet wheel
 - (iv) Touch Regulator
- (A) (iv) only (B) (ii) only
(C) (iii) only (D) (i) only
56. Excess oil in the way rod channel causes
- (i) Jerking Movement
 - (ii) Sluggish Movement
 - (iii) Bad Alignment
 - (iv) None of these
- (A) (iii) only (B) (i) only
(C) (iv) only (D) (ii) only
57. For typing the Symbol & in Typewriter press Shift Key and
- (i) 5
 - (ii) 6
 - (iii) 7
 - (iv) 8
- (A) (ii) only (B) (iii) only
(C) (iv) only (D) (i) only

58. Demi Official letters are concluded by?

- (i) Yours Lovingly
- (ii) Yours Obediently
- (iii) Yours Sincerely
- (iv) Yours Faithfully

- (A) (i) only (B) (iv) only
(C) (iii) only (D) (ii) only

59. The main function of Rocker Mechanism is to help

- (i) Colour Indication Ribbon
- (ii) Step by Step Movement
- (iii) Tab setting
- (iv) Thumb Wheel

- (A) (ii) only (B) (i) and (ii) only
(C) (iv) only (D) (ii) and (iii) only

60. Number of dead keys in a Malayalam Typewriter?

- (i) 1
- (ii) 2
- (iii) 3
- (iv) 4

- (A) (ii) only (B) (iii) only
(C) (iv) only (D) (i) only

61. Insert articles wherever necessary.

He is _____ European student; he has to go to _____ hospital as he is ill.

- (A) a European, the hospital (B) an European, a hospital
(C) a European, a hospital (D) the European, the hospital

62. Fill in the blank selecting the correct form of “be” from those given below.

Either your brakes or your eye sight _____ at fault.

- (A) is (B) are
(C) were (D) have

63. Add the appropriate question tag.

You never say what you’re thinking, _____

- (A) are you? (B) aren’t you?
(C) don’t you? (D) do you?

64. Identify the passive form of the given sentence.

When did they build these houses?

- (A) When they built these houses? (B) When were these houses built?
(C) When these houses were build? (D) When did they built these houses?

65. Identify the correct sentence :

- (A) Hardly had he stood up than the chairman asked him to sit down.
(B) Hardly he had stood up than the chairman asked him to sit down.
(C) Hardly did he stood up when the chairman asked him to sit down.
(D) Hardly had he stood up when the chairman asked him to sit down.

66. Use the one word substitute for the underlined phrasal verb.

The two boys went at each other furiously.

- (A) touched (B) visited
(C) attacked (D) looked

67. Which of the following statements are grammatically correct?

- (i) My spectacles is broken
- (ii) Your jeans are in the wash
- (iii) A pair of shoes cost Rs. 1000
- (iv) The stairs were steep and winding

- (A) (i) and (ii)
- (B) (ii) and (iv)
- (C) (i) and (iv)
- (D) (iii) and (iv)

68. Find out the meaning of the underlined idiom.

To succeed in life one should burn the midnight oil

- (A) save money
- (B) work very hard
- (C) undertake risks
- (D) act with care

69. Identify the group consisting of the words with the correct spelling.

- (A) (i) souvenir
- (ii) twelth
- (iii) versatility
- (iv) stupefy
- (B) (i) souvenir
- (ii) twelfth
- (iii) versitility
- (iv) stupify
- (C) (i) souvenir
- (ii) twelfth
- (iii) versatility
- (iv) stupefy
- (D) (i) souvenir
- (ii) twelth
- (iii) versatality
- (iv) stupefy

70. Fill in the blank, using the correct word.

In the speech, she showered _____ upon him.

- (A) Compliments
- (B) Complements
- (C) Complacents
- (D) Complaisants

71. 'ಕಡಲತಡಿಯ ಭಾರ್ಗವ' ಎಂದು ಪ್ರಖ್ಯಾತರಾದ ಸಾಹಿತಿ :

- (A) ಕಯ್ಯಾರ ಕಿಚ್ಚಣ್ಣ ರೈ (B) ಶಿವರಾಮ ಕಾರಂತ
(C) ಗೋವಿಂದ ಪೈ (D) ಗೋಪಾಲಕೃಷ್ಣ ಅಡಿಗ

72. ಕೆಳಗಿನವುಗಳಲ್ಲಿ ಸರಿಯಾದ ರೂಪ :

- (A) ದುಶ್ಯಾಸನ (B) ದುಸ್ಸಾಸನ
(C) ದುಶ್ಸಾಸನ (D) ದುಶ್ಯಾಸನ

73. 'ಆತ್ಮ ಸ್ಥೈರ್ಯ' ಎಂಬ ಪದಕ್ಕೆ ಸಂವಾದಿಯಾಗಿ ಬಳಸುವ ಆಂಗ್ಲ ಪದ :

- (A) Self esteem (B) Self courage
(C) Self confidence (D) Self respect

74. ಕೆಳಗಿನವುಗಳಲ್ಲಿ ನಾನಾರ್ಥ ಪದಕ್ಕೆ ಉದಾಹರಣೆಯಾಗದ ಪದ ಯಾವುದು?

- (A) ಬೇಡು (B) ಕಾಡು
(C) ಮಾಡು (D) ತೋಡು

75. 'ಯಾವುದೇ ರೀತಿಯ ಸಂಶಯಗಳಿಗೂ, ಗೊಂದಲಗಳಿಗೂ ಆಸ್ಪದ ನೀಡದೆ ಸ್ಪಷ್ಟವಾಗಿ ವಿಷಯವನ್ನು ಅರಿತುಕೊಳ್ಳಲು ಸಾಧ್ಯವಾಗುವುದು' - ಈ ವಿಶದೀಕರಣವು ಯಾವ ಗಾದೆಮಾತಿಗೆ ಸರಿಯಾಗಿ ಹೊಂದಿಕೊಳ್ಳುತ್ತದೆ?

- (A) ಕಣ್ಣಾರೆ ಕಂಡರೂ ಪರಾಂಬರಿಸಿ ನೋಡು
(B) ಕೈಯಲ್ಲಿ ಬೆಣ್ಣೆ ಇಟ್ಟುಕೊಂಡು ತುಪ್ಪಕ್ಕೆ ಊರೆಲ್ಲ ಅಲೆದರಂತೆ
(C) ಅಂಗೈ ಹುಣ್ಣಿಗೆ ಕನ್ನಡಿ ಬೇಕೆ?
(D) ಅಕ್ಕಿ ಮೇಲೆ ಆನೆ ನೆಂಟರ ಮೇಲೆ ಪ್ರೀತಿ

76. ಅನುನಾಸಿಕ ಅಕ್ಷರಗಳೆಂದರೆ :

- (A) ಮೂಗಿನ ಸಹಾಯದೊಂದಿಗೆ ಉಚ್ಚರಿಸುವ ಅಕ್ಷರಗಳು
(B) ಹಲ್ಲುಗಳ ಸಹಾಯದೊಂದಿಗೆ ಉಚ್ಚರಿಸುವ ಅಕ್ಷರಗಳು
(C) ಗಂಟಲಿನ ಸಹಾಯದೊಂದಿಗೆ ಉಚ್ಚರಿಸುವ ಅಕ್ಷರಗಳು
(D) ತುಟಿಗಳ ಸಹಾಯದೊಂದಿಗೆ ಉಚ್ಚರಿಸುವ ಅಕ್ಷರಗಳು

77. ಕೆಳಗಿನವುಗಳಲ್ಲಿ ಸರಿಯಾದ ರೂಪ :

- (A) ಕೂಲಂಕುಶ (B) ಕೂಲಂಕಷ
(C) ಕೂಲಂಕುಷ (D) ಕೂಲಂಕಶು

78. ವಿದ್ವಾಂಸ - ಇದರ ಸ್ತ್ರೀಲಿಂಗ ರೂಪ :

- (A) ವಿದ್ಯಾವಂತೆ (B) ವಿದ್ವಾಂಸೆ
(C) ಪಂಡಿತೆ (D) ವಿದುಷಿ

79. ಗುಂಪಿಗೆ ಸೇರದ ಗಾದೆಮಾತನ್ನು ಗುರುತಿಸಿರಿ :

- (A) ಮಾತು ಮನೆ ಕೆಡಿಸಿತು ತೂತು ಒಲೆ ಕೆಡಿಸಿತು
(B) ಊಟ ಬಲ್ಲವನಿಗೆ ರೋಗವಿಲ್ಲ ಮಾತು ಬಲ್ಲವನಿಗೆ ಜಗಳವಿಲ್ಲ
(C) ಮಾತು ಆಡಿದರೆ ಹೋಯ್ತು ಮುತ್ತು ಒಡೆದರೆ ಹೋಯ್ತು
(D) ಮಾಡಿದ್ದುಷ್ಟೋ ಮಹರಾಯ

80. ಅನುಕರಣಾವ್ಯಯ ಪದವನ್ನು ಗುರುತಿಸಿರಿ.

- (A) ಧಗಧಗ (B) ಕಾಡುಬೇಡು
(C) ಬೇಗಬೇಗ (D) ಕ್ಷಣಕ್ಷಣ

81. ಸರಿಯಾದ ವಾಕ್ಯರೂಪವನ್ನು ಗುರುತಿಸಿರಿ.

- (A) ಪ್ರತಿಯೊಂದು ಹಳ್ಳಿಗಳಲ್ಲಿಯೂ ಮೂಲ ಸೌಕರ್ಯಗಳ ಕೊರತೆಯನ್ನು ನೀಗಿಸಬೇಕು
(B) ಪ್ರತಿಯೊಂದು ಹಳ್ಳಿಗಳಲ್ಲಿಯೂ ಮೂಲ ಸೌಕರ್ಯದ ಕೊರತೆಗಳನ್ನು ನೀಗಿಸಬೇಕು
(C) ಪ್ರತಿಯೊಂದು ಹಳ್ಳಿಯಲ್ಲಿಯೂ ಮೂಲ ಸೌಕರ್ಯದ ಕೊರತೆಯನ್ನು ನೀಗಿಸಬೇಕು
(D) ಯಾವುದೂ ಅಲ್ಲ

82. 'Off the record' - ಈ ಪದವು ಸೂಚಿಸುವುದು.

- (A) ದಾಖಲೆಯಲ್ಲಿರುವ (B) ದಾಖಲೆಯಾಗದ
(C) ದಾಖಲೆಯಾಗುವ (D) ವರದಿ

83. ಜನಜಾಗೃತಿಯನ್ನು ಮೂಡಿಸಲು ಬಳಸಲಾಗುವ ಪತ್ರ :

- (A) ಕರಪತ್ರ (B) ಸನ್ಮಾನ ಪತ್ರ
(C) ವೈಯಕ್ತಿಕ ಪತ್ರ (D) ಮನವಿ ಪತ್ರ

84. ಅಂಗಾರ - ಪದದ ಅರ್ಥ :

- (A) ಇದ್ದಲು (B) ಅವನಿ
(C) ಮಯಣ (D) ಅರಿವು

85. 2021 ನೇ ಸಾಲಿನ ಕನ್ನಡ ಸಾಹಿತ್ಯ ಪರಿಷತ್ತು ದತ್ತಿನಿಧಿ ಪ್ರಶಸ್ತಿ ವಿಜೇತ ಕಾಸರಗೋಡಿನ ಲೇಖಕಿಯೊಬ್ಬರ ಕೃತಿ :

- (A) ಅಗ್ನಿಷ್ಟಿಕೆ (B) ಆವಿಯಾಗದ ಇಬ್ಬನಿ
(C) ಕರವೀರದ ಗಿಡ (D) ಆಮೆ

86. 'ಭೂಚಂದ್ರಾರ್ಕತಾರಂಬರ' - ಈ ಮಾತಿನಲ್ಲಿ 'ಸೂರ್ಯ' ಎಂಬ ಅರ್ಥವನ್ನು ಸೂಚಿಸುವ ಶಬ್ದ :

- (A) ಚಂದ್ರ (B) ಅರ್ಕ
(C) ತಾರ (D) ಅಂಬರ

87. 'ಅನುಭವ ಮಂಟಪ'ವು ಯಾವ ಸಾಹಿತ್ಯದ ಕೇಂದ್ರವಾಗಿತ್ತು?

- (A) ಜೈನ ಸಾಹಿತ್ಯ (B) ದಾಸ ಸಾಹಿತ್ಯ
(C) ವಚನ ಸಾಹಿತ್ಯ (D) ನವ್ಯ ಸಾಹಿತ್ಯ

88. 'ಕಾರ್ಗಲ' ಪದವನ್ನು ವಿಂಗಡಿಸಿದಾಗ ಸಿಗುವ ರೂಪ :

- (A) ಕಾರು + ಕಾಲ (B) ಕಾರ್ + ಕಾಲ
(C) ಕಾರ್ಗ + ಕಾಲ (D) ಕಾರ್ಗು + ಕಾಲ

89. ನೀಲಾಕಾಶದ ತುಂಬೆಲ್ಲಾ ಬೆಳ್ಳುಗಿಲಿನ ಚಿತ್ತಾರ ವನದೇವತೆಗೆ ಬೆಳ್ಳೊಡೆ ಹಿಡಿದಂತಿತ್ತು - ಈ ವಾಕ್ಯದಲ್ಲಿ ಕರ್ಮಧಾರಯ ಸಮಾಸಕ್ಕೆ ಉದಾಹರಣೆಯಾಗದ ಪದ :

- (A) ನೀಲಾಕಾಶ (B) ಬೆಳ್ಳುಗಿಲು
(C) ಬೆಳ್ಳೊಡೆ (D) ವನದೇವತೆ

90. ಕೆಳಗಿನವುಗಳಲ್ಲಿ ಲೇಖನಚಿಹ್ನೆಯಲ್ಲದ್ದು ಯಾವುದು?

- (A) ? (B) e
(C) ^ (D) !

91. The cost price of a bag is Rs. 240 and gain is 20%. Find the selling price :

(A) 252

(B) 266

(C) 276

(D) 288

92. A sum of money becomes its double in 20 years. Find the annual rate of simple interest :

(A) 10%

(B) 7%

(C) 5%

(D) 4%

93. If $A : B = 7 : 9$ and $B : C = 5 : 7$, then $A : C =$

(A) 5 : 9

(B) 9 : 5

(C) 7 : 5

(D) 9 : 7

94. The speed of a train is 35.5 m/s. What is the distance covered by it in 40 minutes?

(A) 78.5 km

(B) 85.2 km

(C) 96.7 km

(D) 127.8 km

95. Find the value of

$$\left(1 - \frac{1}{5}\right)\left(1 - \frac{1}{6}\right)\left(1 - \frac{1}{7}\right)\dots\left(1 - \frac{1}{100}\right)$$

(A) $\frac{1}{10}$

(B) $\frac{1}{25}$

(C) $\frac{1}{45}$

(D) $\frac{1}{50}$

96. Pointing to a man Deepika said, "His son is the brother of my daughter's mother" :

How is Deepika related to the man?

- (A) Niece (B) Mother
(C) Aunt (D) Daughter

97. What comes next?

NVPS, QYSV, TBVY, _____

- (A) WEYB (B) YEBW
(C) VDXA (D) RZTW

98. If today is Tuesday, what will be the day after 68 days?

- (A) Saturday (B) Sunday
(C) Monday (D) Tuesday

99. Find the value of

$$\frac{0.46 \times 0.46 + 2 \times 0.46 \times 0.54 + 0.54 \times 0.54}{0.5}$$

- (A) 1 (B) 2
(C) 3 (D) 4

100. What is the smallest angle between the minute hand and the hour hand if the clock shows time 12:40?

- (A) 90° (B) 120°
(C) 140° (D) 160°

SPACE FOR ROUGH WORK

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