

EXMINATION FOR DIRECT RECRUITMENT TO THE POST OF LDC-2023

Full Mark : 200

Time allowed : 3 hours

PAPER – II

(All questions are multiple choice questions. Attempt all questions. Each question carries 2 marks)

GROUP-A (COMPUTER KNOWLEDGE) – 100 MARKS

1. Computer in the present generation belongs to the
(a) 4th generation (b) 5th generation (c) 6th generation (d) 7th generation
2. ALU stands for
(a) Arithmetic Logic Unit (b) Arithmetic Local Unit
(c) Arithmetic Legal Unit (d) Average Logic Unit
3. The Register in a computer's CPU that stored the data being transferred to and from the immediate access storage is
(a) Memory Buffer Register (b) Main Memory Register
(c) Instruction Register (d) Accumulation Register
4. Which memory cannot be accessed directly by CPU of the computer?
(a) RAM (b) ROM (c) Cache memory (d) Memory card
5. Which one of the following is not a secondary storage?
(a) Magnetic tapes (b) Magnetic disks
(c) Optical disks (d) None of these
6. Which of the following is not an output device?
(a) Monitor (b) Printer (c) Speaker (d) Scanner
7. Which of the following are known as office-oriented application software?
(a) Interpreters, compilers, editors (b) Network software, backup system
(c) Word processors, spreadsheets, database (d) Both a and c
8. Which of the following application software can be used to create, edit and print documents?
(a) Spreadsheets (b) Word processing (c) Database software (d) Desktop publishing
9. Which of the following computers does not support multiple users at the same time?
(a) Minicomputer (b) Mainframe computer
(c) Workstation computer (d) Supercomputer
10. The Government recently introduced IT(Amendment) Rules, 2023. Which of the following is true about obligatory for intermediaries?
(a) No platform can allow harmful unapproved online games and their advertisement.
(b) They should not share false information about the Indian Government, as confirmed by fact- checking unit.
(c) Both a and b are true
(d) Only b is true
11. An operating system is a software which performs all the basic tasks like
(a) File management (b) Memory management and Process management
(c) Handling input and output (d) All of the above

12. Which of the following windows do not have start button?
(a) Windows 7 (b) Windows 8 (c) Windows vista (d) Windows 98
13. Taskbar can be placed at
(a) The bottom of the screen only (b) Top of the screen only
(c) Bottom and top sides of the screen only (d) Any side of the screen
14. Primary name of a file is the actual name of a file while secondary name of a file is
(a) The substitution of that file (b) The subordinate file
(c) The extension of that file (d) All of the above
15. The process of removing a file or folder from the source location and placing it in the destination location is
(a) Deleting a file or folder (b) Moving a file or folder
(c) Copying a file or folder (d) All of the above
16. The process of starting a computer as initiated *via* hardware such as a button or by a software command is called
(a) Booting (b) Loading (c) Refresh (d) Scheduling
17. Which of the following statements is true in respect of shortcut in windows?
(a) A link that points to a computer programme (b) A link that points to document
(c) A link that points to a folder (d) All of the above
18. What is the default file extension of wordpad?
(a) .rtf (b) .pdf (c) .docx (d) .pptx
19. The indicator on the screen that shows where things will happen next is called
(a) Control key (b) Cursor (c) Arrow key (d) None of these
20. In word processing, the ability to adjust space between two characters is
(a) Soft hyphen (b) Micro spacing (c) Proportional spacing (d) Kerning
21. The font type like normal, bold, italic, underline, etc. are called
(a) Font style (b) Type style (c) Control style (d) Changing style
22. From which panel you can insert header and footer in MS Word 2007 and 2010?
(a) Format panel (b) Review panel (c) Home panel (d) Insert panel
23. The _____ feature in Word automatically corrects certain spelling and typing errors, etc.
(a) Autocorrect (b) Command correct (c) AutoMark (d) Auto Spell.
24. Which of the following keys is used to activate thesaurus?
(a) Shift + F4 (b) Shift + F5 (c) Shift + F6 (d) Shift + F7
25. Which shortcut key is used to find a particular word in a Word document?
(a) Ctrl + S (b) Ctrl + R (c) Ctrl + F (d) Ctrl + Y
26. A number of letter that appears little below the normal text is called
(a) Supertext (b) Smalltext (c) Superscript (d) Subscript
27. Bullet and Numbering is in _____ tab
(a) View (b) Insert (c) Page layout (d) Home
28. Which one of the following is used to lighten and darken the area of an image?
(a) Dodge (b) Sponge (c) Smudge (d) Gradient

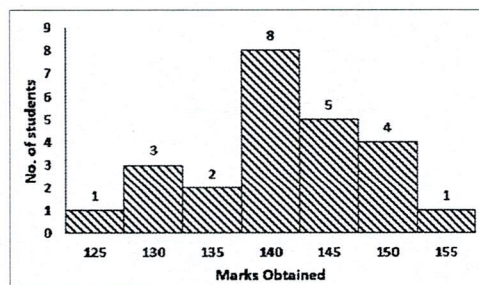
29. The horizontal sections of a table are called
(a) Columns (b) Cells (c) Rows (d) Boxes
30. What tab in MS Word will you use to access Mail Merge options?
(a) Home tab (b) Insert tab (c) Mailing tab (d) Reference tab
31. A Spreadsheet, sometimes is called as
(a) Cells (b) Worksheet (c) Menus (d) Notebook pages
32. Which of the following data can be typed into a Spreadsheet cell?
(a) Formula (b) Text (c) Number (d) All of these
33. What symbol is used to indicate an absolute reference cell?
(a) Dollar sign (b) Rupee sign (c) British pound (d) Lira
34. When you right-click and select the 'format cells' option in MS Excel 2010, which of the following tab is not visible?
(a) Sheet (b) Font (c) Border (d) Alignment
35. Which of the following keys can be used for printing a worksheet?
(a) Ctrl+P (b) Ctrl + F2 (c) Alt+Ctrl+Shift+F2 (d) All of these
36. What is a function inside a function called in Excel?
(a) Nested function (b) Rounded function (c) Sub-function (d) Linked function
37. Which of the following is not What-If analysis tool?
(a) Scenarios (b) Goal Seek (c) Data Tables (d) Input Tables
38. Which type of chart presents data in a piece of slice in Excel?
(a) Doughnut chart (b) Pie Chart (c) Scatter chart (d) Column chart
39. _____ allows you to create new presentation and open an existing presentation
(a) Place holder (b) Task pane (c) Outline pane (d) Slide pane
40. Which of the following is called as page to create a presentation in PowerPoint?
(a) Sheet (b) Slide (c) Paper (d) View
41. Which shortcut key is used to insert a new slide between the current presentation?
(a) Ctrl + N (b) Ctrl+K (c) Ctrl+M (d) Ctrl+O
42. Which of the following menu in powerpoint includes picture, text box, shapes and clipart?
(a) File (b) Insert (c) Design (d) Animation
43. In a powerpoint presentation,
(a) We can insert movie clips but not the sound clips
(b) We can insert the sound clips but not movie clips
(c) Both movie clips and sound clips can be inserted
(d) Both Movie clips and sound clips cannot be inserted
44. What is trigger in the context of animation?
(a) An action button that advances to the next slide
(b) An item on the slide that performs an action when clicked
(c) The name of a motion path
(d) All of above

45. The interconnection of networks all across the world is
 (a) Communication (b) Internet (c) Web Page (d) Ethernet
46. Each computer on a network is recognised by a unique
 (a) IP address (b) http (c) https (d) www
47. The most common transfer protocol used in the internet is
 (a) Http (b) Url (c) Email (d)www
48. Which of the following is known as the father of World Wide Web?
 (a) Robert Cailliau (b) Tim Berners-Lee (c) Charles Babbage (d) Vinton Cerf
49. Which one of the following is not a component of email?
 (a) Envelope (b) Header (c) Footer (d) Body
50. The symbol used to separate user id from the domain name in the email address is
 (a) # (b) \$ (c) @ (d) &

GROUP-B (SIMPLE ARITHMETIC) – 50 MARKS

51. How many prime numbers are there between 0 and 100?
 (a) 20 (b) 25 (c) 27 (d) 30
52. The difference between the place values of '4' and '2' in 1452058 is
 (a) 450000 (b) 49800 (c) 100 (d) 398000
53. $(72.25 \times 4 + 11) \div 100 = ?$
 (a) 4.5 (b) 3.5 (c) 3 (d) 4
54. By what least number should 1200 be multiplied so that it becomes a perfect square?
 (a) 2 (b) 3 (c) 4 (d) 5
55. The average temperature for Wednesday, Thursday and Friday was 40°C and that for Thursday, Friday and Saturday was 41°C . If the temperature on Saturday is 42°C , then the temperature on Wednesday will be
 (a) 37°C (b) 38°C (c) 39°C (d) 41°C
56. The marked price of a book is 50% more than its cost price. If a discount of 15% is given, what will be the profit percentage?
 (a) 35% (b) 40% (c) 45% (d) 50%
57. The single discount equivalent to two successive discounts of 12% and 5% is
 (a) 10% (b) 8.5% (c) 13.5% (d) 16.4%
58. What percentage of 250 is 12.5?
 (a) 4% (b) 5% (c) 4.5% (d) 5.5%
59. The cost price of 18 pineapples is same as the selling price of 16 pineapples. The gain per cent is
 (a) 12.5% (b) 13% (c) 13.5% (d) 17%
60. An article is sold at 5% profit. The ratio of selling price and cost price will be
 (a) 5:3 (b) 15:10 (c) 21:20 (d) 20:15
61. If $A:B=3:4$ and $B:C=8:9$, then $A:B:C$ is equal to
 (a) 8:6:9 (b) 9:8:6 (c) 6:8:9 (d) 8:9:6

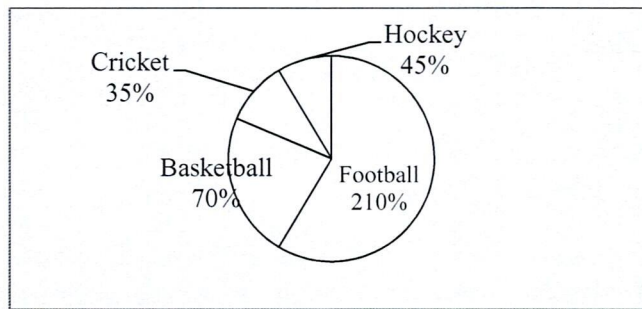
62. Divide ₹2340 into three parts such that the first part is twice the second part and the second part is one-third of the third part. The amount of the third part is
 (a) ₹780 (b) ₹1170 (c) ₹750 (d) ₹930
63. Liana, Thanga and Kima started a business by investing ₹12800, ₹16800 and ₹9600 respectively. If Thanga received ₹13125 as his share of profit after 8 months, what amount did Kima get as his share of profit?
 (a) ₹7500 (b) ₹7150 (c) ₹7750 (d) ₹7650
64. Zovi and Hruaii together can finish a work in 30 days. They worked together for 20 days and then Hruaii left. After another 20 days, Zovi finished the remaining work. The number of days in which Hruaii alone can finish the work is
 (a) 54 days (b) 60 days (c) 50 days (d) 48 days
65. A girl goes to school with a speed of 2km/h and returns with a speed of 3km/h. If she takes 2h 30 min to go to school and return, then the distance between her school and home is
 (a) 6km (b) 5km (c) 4km (d) 3km
66. The simple interest on ₹7500 at 6% per annum for 8 years is
 (a) ₹4200 (b) ₹3600 (c) ₹3400 (d) ₹2800
67. On which sum of money, the compound interest will be ₹164 at the rate of 5% per annum for 2 years?
 (a) ₹1600 (b) ₹1500 (c) ₹1400 (d) ₹1300
68. The age of father 10 years ago was thrice the age of his son. Ten years hence, father's age will be twice that of his son. The ratio of their present ages is
 (a) 5:2 (b) 7:3 (c) 9:2 (d) 13:4
69. There is a circular path around a circular park. The difference between internal and external circumferences of the path is 132m. The width of the path is
 (a) 22m (b) 20m (c) 21m (d) 24m
70. In how many different ways can the letters of the word 'VENTURE' be arranged?
 (a) 840 (b) 5040 (c) 1260 (d) 2520
71. If there are 6 males and 5 females and a committee of 8 members to be formed, then in how many ways males and females can be chosen so that in a committee, there will be 5 males and 3 females?
 (a) 90 (b) 60 (c) 45 (d) 15
72. The angle of elevation of the top of a tower from a point on the ground which is 30metres away from the base of the tower is 30° . The height of the tower is
 (a) $10/\sqrt{3}$ m (b) $10\sqrt{3}$ m (c) 100m (d) 30m
73. Pipe A can fill a tank in 10 minutes while pipe B can empty it in 15 minutes. If both the pipes are opened in that empty tank, the time taken to fill the tank is
 (a) 20min (b) 25min (c) 30min (d) 35 min
74. Observe the Histogram given below and answer the question that follows:



How many students scored marks more than 140?

- (a) 18 (b) 9 (c) 6 (d) 8

75. The given pie-chart shows favourite sports of student in a public school.



There were 1200 students in all, how many students liked Basketball?

- (a) 233 (b) 840 (c) 450 (d) 720

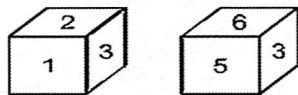
GROUP-C (GENERAL INTELLIGENCE AND REASONING) – 50 MARKS

76. Select the option that is related to the third term in the same way as the second term is related to the first term: Ireland : Island :: India : ?
 (a) Peninsula (b) Plateau (c) Asia (d) Mountains
77. Choose the word which has the same relationship among the three given words:
 Red, Blue, Yellow
 (a) Black (b) Indigo (c) White (d) Brown
78. Three out of four alternatives are alike in some manner, find the odd one
 (a) Crocodile (b) Alligator (c) Locust (d) Chameleon
79. Which number will replace the question mark (?) in the number series?
 3, 9, 36, 180, ?
 (a) 900 (b) 980 (c) 1260 (d) 1080
80. What should come next in the following letter series?
 ABCPQRABCDPQRSABCDEPQRSTABCDEFQRST
 (a) U (b) A (c) S (d) V
81. If the English alphabet is written in reverse order, then which letter is 7th to the left of K?
 (a) P (b) Q (c) R (d) S
82. How many meaningful English words can be made with the letters 'AMEL' using each letter only once in each word?
 (a) One (b) Two (c) Three (d) Four
83. Arrange the following words in a meaningful sequence and correct logical order
 (i) Childhood (ii) Infancy (iii) Adulthood (iv) Adolescence
 (a) i, iii, iv, ii (b) ii, iii, iv, i (c) ii, iv, iii, i (d) i, ii, iii, iv
84. On the planet Mars, the local terminology for 'earth', 'water', 'light', 'air' and 'sky' are sky, light, air, water and earth respectively. What would Liana drink if he is thirsty while on that planet?
 (a) Light (b) Sky (c) Air (d) Water
85. Looking at a woman sitting next to him, Rova said, "She is the sister of the husband of my wife". How is the woman related to Rova?
 (a) Niece (b) Wife (c) Sister (d) Cousin

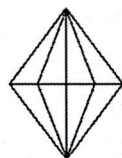
86. Rovi walks 8km North-East and then 6km South-East. The difference between the total distance covered by Rovi and the shortest distance is
 (a) 9km (b) 10km (c) 2km (d) 4km
87. Kimi is ranked 17th from the top in her class. When counted from the bottom she is ranked 29th. The total number of students in her class is
 (a) 44 (b) 45 (c) 46 (d) 47
88. Six people A, B, C, D, E and F are sitting around a circular table facing the centre. B sits second to the right of E. C sits to the immediate left of E. F sits second to the right of D. Who sits third to the right of A?
 (a) B (b) C (c) E (d) D
89. Find the missing character
- | | | |
|----|----|---|
| 64 | 49 | ? |
| 12 | 17 | 4 |
| 20 | 24 | 8 |
- (a) 16 (b) 144 (c) 32 (d) 36
90. The angle traced by hour hand of a correct clock between 10AM and 4PM is
 (a) 45° (b) 90° (c) 60° (d) 180°
91. Today is Monday. After 47 days, it will be
 (a) Thursday (b) Friday (c) Saturday (d) Sunday
92. Select the set of classes the relationship among which is best illustrated by the following Venn Diagram.



- (a) Mothers, Aunts, Doctors. (b) Grandfathers, Fathers, Males.
 (c) Literates, Engineers, Farmers. (d) Fathers, Brothers, Males.
93. Two different positions of the same die(dice) are shown, the six faces of which are numbered from '1' to '6'. Select the number that will be on the face opposite to the one showing '3'.

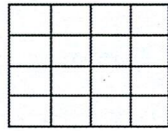


- (a) 4 (b) 1 (c) 6 (d) 2
94. How many triangles are there in the given figure?



- (a) 13 (b) 32 (c) 30 (d) 21

95. How many squares are there in this figure?



- (a) 16 (b) 17 (c) 26 (d) 30

Directions (Q20-21) In the questions below are given two statements followed by two conclusions numbered I and II. Assuming that the given statements are true even if they seem to be at variance from commonly known facts; and then decide which of the given conclusions logically follow(s) from the given statements disregarding commonly known fact.

96. Statements:

*Some cats are mice.
All mice are dogs.*

Conclusions:

- I. *No dogs are cats.*
II. *All cats are dogs.*

- (a) Either conclusion I or II follows. (b) Neither conclusion I nor II follows.
(c) Only conclusion I follows. (d) Only conclusion II follows.

97. Statements:

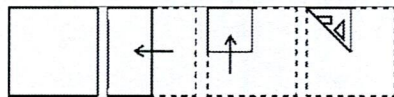
*All chains are ropes.
Some links are chains.*

Conclusions:

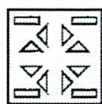
- I. *Some ropes are links.*
II. *All links are ropes.*

- (a) Either conclusion I or II follows. (b) Neither conclusion I nor II follows.
(c) Only conclusion I follows. (d) Only conclusion II follows.

98. A piece of paper is folded and punched as shown below in the question figures. How would this paper look when unfolded?



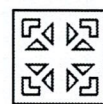
(a)



(b)



(c)



(d)

99. Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.





(a)



(b)

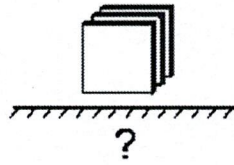


(c)

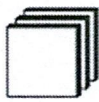


(d)

100. First rotate the given figure by 90° in clock-wise direction, find out its water reflection from the given alternatives:



(a)



(b)



(c)



(d)
