



2023-24

HALF YEARLY EXAM

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Half Yearly Exam 2023-24
Question Paper

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Class - VII
Time - 90 Minutes

Subject - Computer Science
Maximum Marks - 50

General Instructions

Read the following Instructions carefully before answering the question paper.

1. There are a total of 50 questions in the paper. Each question carries one mark.
 2. There is no negative marking.
 3. Each question has four options and only one of them is correct.
 4. Choose only one correct option for the next 50 questions.
-

1. Which data type is used to store currency in a database?
 - a. OLE
 - b. Currency
 - c. Hyperlink
 - d. Autonumber
2. Which is not a function of the operating system?
 - a. Process management
 - b. Memory management
 - c. Virus quarantine management
 - d. Device management
3. Which of the following is not a compression software?
 - a. WinZip
 - b. PKZ
 - c. 7-Zip
 - d. Winrar
4. Ubuntu, Fedora, mint and boss are the version of which OS?
 - a. Linux
 - b. Windows
 - c. Macintosh
 - d. Bharat operating system
5. Find the odd one out.
 - a. Windows 8
 - b. Windows 7
 - c. Windows 9
 - d. Windows 10



6. The defragmentation software is used to manage the files and memory for which device?
 - a. Ram
 - b. Rom
 - c. HDD
 - d. graphics card DDR4 internal memory
7. Internal core of Linux OS is known as?
 - a. Fedora
 - b. Kernel
 - c. Mint
 - d. User interface
8. The backup software in windows is available in which of the following categories?
 - a. This PC
 - b. Device manager
 - c. Advance setting
 - d. Control Panel
9. The process of arranging fragmented data all over the drive is known as
 - a. Disk cleanup
 - b. Discrete data control
 - c. Defragmentation
 - d. Partition of drive
10. Which of the following is a feature of the computer?
 - a. Accuracy
 - b. Speed
 - c. Reliability
 - d. All of these
11. Which of the following is not a proprietary operating system?
 - a. Windows 11
 - b. Fedora
 - c. Android KitKat
 - d. Android lollipop
12. In computers LSD stands for?
 - a. Lysergic Acid Diethylamide
 - b. Least Significant Digit
 - c. Low significance digit
 - d. None of these
13. The ASCII stands for ?
 - a. American standard code for information interchange
 - b. American standardised code for interchange of information
 - c. American standard code for keyboard information interchange
 - d. American standard coding for Intel integration



14. What is the maximum limit of ASCII. Binary representation?
- 256
 - 128
 - 64
 - 172
15. What will be the binary for the capital alphabet "A" in ASCII ?
- 01000001 (97)
 - 01000001 (65)
 - 01100001 (97)
 - 01100001 (65)
16. $1010101 + 1010101 = ?$
- 10001100
 - 11111111
 - 10101010
 - 01010101
17. $1010 - 101 = ?$
- 100
 - 101
 - 100
 - 101
18. What will be the hexa decimal of 79_{10} ?
- 4H
 - 4C
 - 4F
 - 4E
19. What will be the decimal of $5C_{16}$?
- 89_{16}
 - 92_{16}
 - 92_{10}
 - 89_{10}
20. What will be the complement of 1011?
- 0110
 - 0100
 - 1010
 - 0100
21. $1010111 - 1110101 = ?$
- 11110
 - 11110
 - 11011
 - 10112



22. Which of the following is not an octal number?
- 75
 - 80
 - 72
 - 77
23. $10_2 + 10_2 = ?$
- 100_{10}
 - 100_2
 - 20_{10}
 - 20_2
24. What happens if both are 1 and there is a carry 1 from the previous sum?
- Sum = 1, Carry = 1
 - Sum = 0, Carry = 1
 - Sum = 1, Carry = 0
 - Sum = 0, Carry = 0
25. In a binary subtraction if there is no carry after addition of the two binary bits, then what happens?
- The answer gets subtracted from the carry number
 - The answer gets re-complimented
 - The answer gets re-complimented and a negative sign is added before it.
 - The answer does not get Re-complimented and a negative sign is added before it.
26. Which of the following is a hexa decimal number?
- FF
 - GG
 - CG
 - IA
27. Which is known as the basic unit of database?
- Tables
 - Report
 - Query
 - Record
28. Which is used to get data from a database?
- Queries
 - Tables
 - Forms
 - Primary key
29. Which data type is used to store images in a database?
- Hyperlink
 - Number
 - Currency
 - OLE object



30. In order to create a table in the database which tag should be used?

- a. Insert
- b. Home
- c. Database tool
- d. Create

31. The field name in MS access should not be greater than

- a. 64 bytes
- b. 64 characters
- c. 128 characters
- d. 32 characters

32. Which type of data type allows to store Yes or No?

- a. Auto number
- b. Bullion
- c. Boolean
- d. Date/time

33. Columns in database is known as

- a. Record
- b. Field
- c. Tuples
- d. Primary Key

34. Extension of Ms-Access?

- a. *.acddb
- b. *.acddb
- c. *.ods
- d. *.xdfs



35. Full form of DBMS is?

- a. Database management system
- b. Database management software
- c. Both are correct
- d. None of these

36. If a field is set as a primary key will it allow blank fields?

- a. Yes
- b. Depends upon the query
- c. No , But you can add the data later
- d. Primary key does not allows any blank data to be accepted

37. How many primary keys can be there in a table?

- a. 1
- b. 2
- c. 0
- d. It can have as many as there are fields in a table.

38. Primary key can be added in what mode?
- Design View
 - Data sheet view
 - Templates
 - None of these
39. When a relationship is established between two tables then the primary key table is known as?
- No name change. It is known as the primary key.
 - Alternate key.
 - Foreign key
 - Candidate Key.
40. In order to create a relationship between tables the user has to go to which tab?
- Create
 - Database tool
 - Home
 - External data
41. Which option allows you to display data from the database as per the given criteria?
- Report
 - Sort
 - Filter
 - Query
42. To establish a relationship between two tables ,it is necessary to have _____ as a common field between two tables.
- Reports
 - Form
 - Table
 - Primary key
43. Amar has prepared two tables in the database. The first table consists of book details with fields such as ISBN number, book name. The other table content author details which field as ISBN number,author name.? Now he wants to merge the details that are given in both the tables which field can be taken as a basis to merge them
- Author name
 - Book name
 - ISBN number
 - None of these
44. The Government of India wants to create a database for its military personnel. So The Government of India wants to have a unique ID for each military personnel. So what kind of datatype should be chosen?
- Number
 - Auto number
 - Sort text
 - Serial number



45. _____ means storing of same data into duplicate form in different tables.

- a. Data consistency
- b. Data redundancy
- c. Data Regency
- d. Data contingency

46. The decimal equivalent of (10011_2) :

- a. 20
- b. 18
- c. 19
- d. 17

47. Which of the following is associated with utilities?

- a. File management
- b. Device management
- c. Hosting server
- d. Maintenance job

48. Which pane is used to define a data type?

- a. Navigation pane
- b. Field grid Pane
- c. Field properties Pane
- d. Data sheet view

49. What is the octal equivalent of 45?

- a. 45_8
- b. 55_8
- c. 45_{10}
- d. 95_8

50. In a Field Grid Pane which is optional?

- a. Field Name
- b. Field Type
- c. Description
- d. All of them are compulsory.



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