

 <b>SRI BHAGAWAN MAHAVEER JAIN COLLEGE</b> Vishweshwarapuram, Bangalore. <b>II PUC MOCK PAPER - 2 (FEB-2023)</b>	<b>Course:</b> II PUC <b>Subject:</b> Computer Science <b>Max. Marks:</b> 70 <b>Duration:</b> 3:00 Hrs 15 Mins
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**Answer all the questions. Each question carries one mark.**

**1 x 20 = 20**

**I. Select the correct answer from the choices given: (Repeated answers will not be considered)**

- What is Cache Memory?
  - High Speed
  - Volatile Memory
  - Main memory
  - Escape Memory
- The other name of Boolean algebra is \_\_\_\_\_.
  - Switching algebra
  - Relational Algebra
  - Digital Algebra
  - None of the above
- The other name of NOT gate is \_\_\_\_\_.
  - Neglect gate
  - Inverter gate
  - XOR gate
  - XNOR gate
- The data structure that allows the insertion, as well as the deletion from both the ends are:
  - String
  - Linked List data structure
  - Stack data structure
  - Dequeue data structure
- What is the other name used for Variable inside a class?
  - Data Members
  - Member functions
  - Class functions
  - Class variables
- Function cannot be overloaded when \_\_\_\_\_.
  - Function names are same
  - Number of parameters are different
  - Number of parameters are same
  - Data types of parameters are different
- The symbol used with destructor is \_\_\_\_\_.
  - \$
  - &
  - Delta
  - (d) ~
- Base class is \_\_\_\_\_.
  - a sub class
  - inherited class
  - Main class
  - First class
- Which of the following is the correct way to declare a pointer?
  - int \*ptr
  - int ptr
  - int &ptr
  - All of the above
- \_\_\_\_\_ is called information.
  - Raw fact
  - collection of data
  - Unprocessed data
  - Processed data
- DDL is \_\_\_\_\_.
  - Data Definition Language
  - Double Data Language
  - Data Default Language
  - None of these
- SMTP stands for \_\_\_\_\_.
  - Simple Male Transfer Protocol
  - Simple Mail Transfer Protocol
  - Simple Mail Transfer Protocol
  - Simple Mesh Transfer Protocol

- d) None of these

## (Tuple, Rectangle, MYSQL, ISAM, Schema)

20. \_\_\_\_\_ is a combination of serial and random file organization.

**4 x 2 = 8**

28. Briefly explain Wide Area Network.

**4 x 3 = 12**

36. Explain any three text formatting tags in HTML.

**6 x 5 = 30**

40. Give the difference between procedural programming and object oriented programming.

41. Explain defining member function outside the class definition with syntax and programming example.
42. Explain Function Overloading with programming example.
43. What is a Constructor? Write the syntax and programming example for default constructor.
44. What are the advantages of inheritance in C++?
45. Explain the features of database system.
46. Explain the various group functions in SQL
47. Define the following network devices.  
a) MODEM      b) HUB      c) Repeater      d) Bridge      e) Router

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