

## INSTRUCTIONS:

- Attempt this section on the MCQs Answer Sheet only.
- Use black ball point or marker for shading only one circle for correct option of a question.
- No mark will be awarded for cutting, erasing, over writing and multiple circles shading.

Q. 1. Choose the correct option i.e. A,B,C, or D.

- Operating system is .....
  - Application software
  - System software
  - Driver
  - None of these
- Which of the following is not an operating system?
  - Linux
  - MS Word
  - Unix
  - Windows XP
- The entities having a positive or negative influence in the project completion are known as .....
  - Stake holders
  - Stake supervisors
  - Stake owners
  - None of these
- The ..... determines whether the project should go forward.
  - Problem specification
  - Problem identification
  - System evaluation
  - Feasibility
- Which of the following language is a subset of C++ language?
  - B language
  - Java language
  - C language
  - C# language
- In C++ language char ch = '3' represents .....
  - A digit
  - An integer constant
  - A character constant
  - A word
- Which of the following is not a looping statement in C++?
  - While
  - Until
  - Do
  - For
- Which of the header file must be included to use string stream?
  - <io stream>
  - <string>
  - <s string>
  - <s stream>
- Which of the following is not a jump statement in C++?
  - Break
  - Goto
  - Exit
  - Switch
- Strings are character arrays. The last index of it contains the null character .....
  - \n
  - \t
  - \1
  - \0
- Arguments of functions are separated with .....
  - Comma (,)
  - Semi colon (;)
  - Colon (:)
  - None of these
- Variable inside parenthesis of functions declarations have ..... level access.
  - Local
  - Global
  - Module
  - Universal
- The operator used to get value at address stored in a pointer variable is .....
  - \*
  - &
  - &&
  - !!
- A constructor is called whenever a/an.....
  - Object is destroyed
  - Object is created
  - Class is declared
  - Class is used
- A text file has the extension .....
  - .doc
  - .docx
  - .txt
  - .bin

P-404

MRD-XII-19 (A)

Total Time: 2:40 Hours

**Computer Science (Part-II)**  
(Fresh/New Course)

Total Marks: 60

**"Section-B"**

Marks: 36

**Q. 2. Write short answers of any Nine (9) of the following parts. Each part carries equal marks.**

- (i) What is Multi-Programming?
- (ii) Differentiate between Threads and Process.
- (iii) Write different states of a Process.
- (iv) Why software development life cycle is important for the development of software?
- (v) What do you know about a Flow Chart?
- (vi) Write the rules for naming variables in C++.
- (vii) Differentiate between Unary and Binary operators.
- (viii) Write the difference between Constructor and Destructor.
- (ix) Write the general syntax of do-while loop.
- (x) Differentiate between Class and Object.
- (xi) What do you know about Inheritance?
- (xii) What are the members of a Class?

**"Section-C"**

Marks: 24

**Note:- Answer any Three (3) questions. Each question carries equal marks.**

- Q. 3. What do you know about an operating system? Explain functions of operating system.
- Q. 4. What do you know about decision statements? Explain different decision statements used in C++.
- Q. 5. Write a program using for loop that prints even numbers from 0 to 20.
- Q. 6. What is Object? How Objects are created to access members of a class? Explain with example.