

Roll No.

Total No. of Questions : 13]

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J-3239[S-1095]

[2037]

B.Sc. (BI) (Semester - 5th)

PROGRAMMING PROJECT (B.Sc. (BI) - 503)

Time : 03 Hours

Maximum Marks : 75

Instruction to Candidates:

- 1) Section - A is **compulsory**.
- 2) Attempt any **Nine** questions from Section - B.

Section - A

Q1)

(15 x 2 = 30)

- a) High-level languages.
- b) Interpreter.
- c) Flow-chart.
- d) Structured Analysis
- e) Object.
- f) Global variables.
- g) Decision tables.
- h) Software Implementation.
- i) Software debugging.
- j) Software Deployment.
- k) Control structures in C++.
- l) Module.
- m) Access modifiers in C++.
- n) Destructor function.
- o) Overloading and Overriding.

P.T.O.

Section - B

(9 x 5 = 45)

- Q2)** What is importance of Binary Number System? Discuss elementary Binary operation with suitable examples.
- Q3)** What is an identifier? Discuss identifier-naming rules in C++.
- Q4)** What do you mean by “Platform”? What is its importance in Project development?
- Q5)** What is SDLC? Why it is important in Project Development?
- Q6)** Discuss software-testing techniques?
- Q7)** What is procedural programming? What are its limitations?
- Q8)** How will you design your Project so that it supports portability?
- Q9)** What is the structure of a Project Development “Team”? Discuss their roles.
- Q10)** Describe characteristics of a good team member?
- Q11)** What is system library? What are the advantages of it during Project Development?
- Q12)** What is Data Structure? What role it plays in software development?
- Q13)** Discuss different Parameter passing mechanisms in C++ with a suitable example.

