

Roll No. dc Total Pages : 3

753105

December 2023

M.Sc. (Mathematics) 1st Semester
PROGRAMMING IN C (MATH21-705)

Time : 3 Hours

[Max. Marks : 75

Instructions :

1. It is compulsory to answer all the questions (1.5 marks each) of Part-A in short.
2. Answer any four questions from Part-B in detail.
3. Different sub-parts of a question are to be attempted adjacent to each other.

PART-A

1. (a) What are basic data types in C.? Also give their memory requirement. (1.5)
- (b) What is Nesting of if-else? (1.5)
- (c) Differentiate between Formal parameters and actual parameters. (1.5)
- (d) What is the difference between Local and Global variable? (1.5)
- (e) What is memory bleeding? (1.5)
- (f) Name any four library functions used in C language. (1.5)
- (g) What is the relationship in Array and Pointer? (1.5)

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