

PG-20417
TERM END EXAMINATION – 2020
M. Sc. FINAL YEAR
MATHEMATICS
Programming in C

[Maximum Marks: 70

Note : Time – According to University Timing.

All questions are compulsory.

1. Choose the correct option -

- (i) How many main () function we can have in our project?
(a) 1 (b) 2
(c) No limit (d) Depends on compiler
- (ii) What are the types of linkage?
(a) Internal & External (b) External, Internal and None
(c) External and None (d) Internal
- (iii) Switch () statement is –
(a) Decision making statement (b) Looping statement
(c) Assignment statement (d) None of these
- (iv) Which of the following correctly shows the hierarchy of arithmetic operations in C?
(a) / + * - (b) * - / +
(c) + - / * (d) / * + -
- (v) Which of the following is not logical operator?
(a) & (b) & &
(c) !! (d) !

2. Define the basic properties of C and also explain the basic structure of C programming.

OR

Explain data types of C language.

3. Discuss all operator in C language and elaborate any one with example.

OR

Define increment & decrement operator with example.

4. Explain control statement with example.

OR

What is Pointer? Where we use pointer?

5. What is Recursion?

OR

Explain the following –

(a) Function

(b) Array

(c) Structure and Union

6. Explain how we manage the file in C.

OR

Describe the file handling with example.

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