OECS – 201

II Semester All UG Courses Degree Examination, July/August 2024
(NEP Scheme) (Freshers and Repeaters)
COMPUTER SCIENCE
OEC – 3 : C Programming Concepts (Open Elective)

Time : 2½ Hours

Max. Marks : 60

Instruction : *Answer **all** the Sections.*

SECTION – A

I. Answer **any 6** questions, **each** question carries 2 marks.   (6×2=12)

1) Who invented C and when ?

2) What is a constant in C ?

3) What binary operator ? Give an example.

4) What is printf() function ?

5) What is goto statement ?

6) Mention any two differences between increment and decrement operator.

7) State the use of break statement.

8) What is a looping ?

9) What is an array ?

SECTION – B

II. Answer **any 4** questions, **each** question carries **6** marks.   (4×6=24)

10) Explain the structure of C.

11) Explain variables and its types.

12) Explain arithmetic and relational operators in C.

13) Explain the mathematical functions in C.

14) Explain static and dynamic arrays.

15) Explain one dimensional array with syntax and example.

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SECTION – C

III. Answer **any 3** questions, **each** question carries **8** marks.

16) Explain the features of C.

17) Write a note on data types in C.

18) Explain any two types of if statements with syntax and example.

19) Explain switch statement with an example.

20) Explain any two types of loops with syntax and example.

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