



OECS – 201

II Semester All U.G. Courses Degree Examination, August/September 2023
(NEP – Freshers and Repeaters)
COMPUTER SCIENCE (Open Elective)
OECS – 3 : C Programming Concepts

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) What are C tokens ?
- 2) Define keywords.
- 3) What are unary operators in C ? Give an example.
- 4) What are logical operators ?
- 5) What is a type conversion ?
- 6) What is gets() function ?
- 7) What is nested if statements ?
- 8) Mention the syntax of printf().
- 9) Compare break and continue statements.

SECTION – B

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

- 10) Write a note on constants in C.
- 11) Define variables. Mention the rules of framing variables.
- 12) Explain any three mathematical functions with example.
- 13) Explain the formatted input function with syntax and example.
- 14) Describe switch statement with an example.
- 15) Define the following terms :
 - i) goto statement. 2
 - ii) Static arrays. 2
 - iii) Dynamic arrays. 2

P.T.O.



SECTION – C

III. Answer **any 3** questions. **Each** question carries **8** marks : **(3×8=24)**

- 16) Explain the structure of a C program with an example. 4
- 17) a) Explain any four features of C. 4
 b) Mention the application of C. 4
- 18) Explain else if ladder statement with syntax and example. 4
- 19) a) Mention the character set of C. 4
 b) Explain how to declare and initialize 2D arrays. 4
- 20) Explain any two looping statements with syntax and example. 4
