II Semester ALL UG Courses Degree Examination, June/July - 2025
(NEP Scheme Repeaters)
COMPUTER SCIENCE
OEC-3 : Programming Concepts

Time : 2½ Hours   **Maximum Marks : 60**

Instructions :

Answer all the sections.

SECTION - A

I.   Answer any 6 questions. Each question carries two marks.   (6×2=12)

1.   Define Identifiers.

2.   Mention any five keywords used in C.

3.   Write any three applications of the C programming.

4.   What are assignment operators in C?

5.   How is a conditional operator declared in C?

6.   What are the input operations used in C?

7.   Write the syntax of an if-else statement in C.

8.   Define looping.

9.   Write the difference between break and continue statements.

SECTION - B

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

10.   Explain the structure of C.

11.   Define constant. What are the different types of constants in **CS**? Give example.

12.   Explain arithmetic operators with examples.

13.   Write any five mathematical functions with example.

14.   Explain the nested if - else statement with syntax and example.

15.   Explain the **for** loop with syntax and flowchart.

[P.T.O.

SECTION - C

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

16. Briefly explain the different types of data types with examples.

17. Explain Relational operators and logical operators with examples.

18. Describe the **switch** statement with syntax and example.

19. Explain the differences between **while** and **do-while** loop with examples.

20. Write a short note on arrays and its types with examples.