OECS201

II Semester ALL UG Courses. Degree Examination, June/July - 2026

(NEP Scheme Repeaters)

COMPUTER SCIENCE

Paper : C - Programming Concepts (OEC)

NEW HORIZON COLLEGE
LIBRARY
KASTURINAGAR
BANGALORE-43

Time : 2½ Hours

Maximum Marks : 60

Instructions :

Answer all the sections.

SECTION - A

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

1. Who invented C?
2. What is constant in C?
3. Mention any two applications of C.
4. What are special operators?
5. List any two mathematical functions in C?
6. Write the syntax of if - else statement?
7. Mention any two unformatted input statement?
8. What is a loop?
9. What is the purpose of break statement?

SECTION - B

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

10. Explain the types of datatypes.
11. Mention the features of C.
12. Explain increment and decrement operator in C.
13. Discuss Nested - if statement in C.
14. Explain the concepts of array.
15. Explain for loop in C.

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SECTION - C

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

16. Explain basic structure of C. **(8)**
17. Explain arithmetic and relational operator in C. **(8)**
18. Explain switch statement in C with example. **(8)**
19. Write brief note on Formatted I/O statement. **(8)**
20. Differentiate between while loop and do - while loop. **(8)**