K19U 3311

I Semester B.Sc. Degree CBCSS(OBE) - Regular Examination, November - 2019
(2019 Admission)
CORE COURSE IN COMPUTER SCIENCE
1B01CSC : INTRODUCTION TO C PROGRAMMING

Time : 3 Hours

Max. Marks : 40

PART-A
(Short Answer)

Answer **All** questions.

(6x1=6)

1. What is meant by compile time error?
2. What do you mean by testing?
3. Define the term keyword.
4. What is object code?
5. If x=2, y=++x then what is the value of y?
6. What is multi dimensional array?

PART-B
(Short Essay)

Answer any **Six** questions.

(6x2=12)

7. Write an algorithm to find the average of three numbers.
8. List any four flowcharting symbols.
9. What do you mean by variable? How to declare and initialize it?
10. Write short note on user defined data types in C.
11. Write the importance of assignment operators in C.
12. What do you mean by formatted input? Explain with an example.
13. Write short notes on if... else statement in C.
14. What do you mean by one dimensional array? How to declare it?

P.T.O.

PART-C

(Essay)

Answer any **Four** questions. (4x3=12)

15. What is an algorithm? Explain its characteristics.

16. Explain any three input output functions in C with example.

17. Distinguish between implicit and explicit type casting.

18. Write short notes on logical operators in C.

19. Explain break and continue statements.

20. Write short notes on switch statement.

PART-D

(Long Essay)

Answer any **Two** questions. (2x5=10)

21. What are the advantages and disadvantages of flowcharts? Draw a flowchart to find the average of three numbers.

22. Explain different data types in C

23. Explain arithmetic and assignment operators in C with example.

24. Explain entry and exit controlled loops in C with example.

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