



**IV Semester B.A./B.Com./B.B.A./B.Sc.(Non-Computer Science)
Degree Examination, September/October 2020**

COMPUTER SCIENCE

Paper 4.3 – Computer Applications

(CBCS)

Time : 3 Hours

Max. Marks : 70

SECTION – A

I. Answer **any ten** from the following : **(10 × 2 = 20)**

1. Who is the developer of C language?
2. What is identifier?
3. Define Variable.
4. Write any two arithmetic operators in C.
5. Evaluate $X = 4*(2 + 3) - (8-4/2)$.
6. Write the symbols of increment and decrement operators in C.
7. Write the syntax of scanf() function.
8. Convert 45 to binary.
9. What is logic gate?
10. Find 1's complement of 1110111.
11. Expand WWW.
12. What is Internet?



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SECTION - B

II. Answer **any four** from the following :

(4 × 5 = 20)

13. Write the characteristics of C language.
14. What is Constant? Write different types of it.
15. Explain Relational operators with suitable example.
16. Write a C program to find simple interest.
17. Explain AND gate with truth table.
18. Write a note on E-mail.

SECTION - C

III. Answer **any three** from the following :

(3 × 10 = 30)

19. Write the basic structure of C program with suitable example.
20. Explain any five mathematical functions with suitable example.
21. Write a C program to find area and circumference of circle.
22. Subtract the following :
 - (a) 1110 - 1010 using 1's complement method
 - (b) 1100 - 1110 using 2's complement method
23. What is Network? Explain any two types of network.