LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc. DEGREE EXAMINATION – **STATISTICS**

FIRSTSEMESTER – APRIL 2017

ST 5401 / S 552 / VS 510 – C LANGUAGE & C++

Date: 04-05-2017   Dept. No.   Max. : 100 Marks
 09:00-12:00

SECTION - A

Answer all the Questions.   (10 X 2 = 20)

1. C is a general-purpose, high-level language that was originally developed by_____.
2. State the difference between Interpreter and complier
3. What are the uses of key words?
4. What are identifiers and state importance of it?
5. What are the increment and decrement operators?
6. What are the uses of key words scanf and printf?
7. What isthe format of switch statement?
8. What is the maximum size an integer can store?
9. Write a program to compute the simple interest.
10. What is the use of strlen(a)?

SECTION- B

Answer any Five Questions.   (5 X 8 = 40)

11. Explain the concepts of arrays with an example.
12. What is a function in C?.Explain with an example
13. Write a program to calculate the biggest of 3 numbers.
14. Write a program for a user defined function?
15. Explain the data types in C.
16. Explain the concepts of 2-dimesinoal arrays in C.
17. Write a program to find whether the given year is a leap year.
18. Write a program to explain the switch statement in C.

SECTION- C

Answer any TWO of the following: (2 X 20 = 40)

19. Explain the Looping statements in C
20. Write a program using the concept of arrays.
21. Briefly explain the concept of pointers in C.
22. Write a program to arrange 10 numbers in ascending order?

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