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Register Number
Name of the Candidate:

M.Sc. DEGREE EXAMINATION, May 2015

(ELECTRONIC SCIENCE)

(FIRST YEAR)

540: C,C++ AND PROGRAMMING

Time: Three hours

Maximum: 100 marks

SECTION-A

(5×4=20)

Answer any FIVE questions

1. Give the general structure of 'C' program.
2. Distinguish between int main() and void main ().
3. Describe the four basic data types in C.
4. Compare the working of strcpy and strncpy functions.
5. Define pointers. How the arguments passed in a function using call by reference.
6. Mention the key words of C++ program.
7. What is constructor? Explain.
8. Write note on dynamic allocation.

SECTION-B

(5×16=80)

Answer any FIVE questions

9. Discuss the different types of impressions and their procedure in execution.
10. Discuss the different types of library functions.
11. Define "Structure" and explain its importance by giving an example.
12. Write a program using pointers to read an array of integers and print its element in reverse order.
13. Explain about constructor over loading with an example program.
14. What are objects? Explain with suitable example.
15. Find the factorial of a number using C++ Program.
16. i) Write a C program to arrange a set of numbers in an ascending order.
ii) State Simpson's rule and trapezoidal rule.
