

G 1443

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Reg. No.....

Name.....

B.TECH. DEGREE EXAMINATION, JUNE 2014

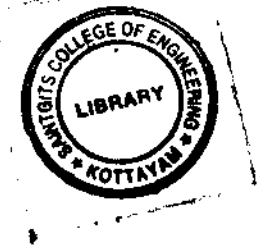
Fourth Semester

Branch : Electrical and Electronics Engineering

EE 010 406—COMPUTER PROGRAMMING (EE)

(New Scheme—2010 Admission onwards)

[Regular/Improvement/Supplementary]



Time : Three Hours

Maximum : 100 Marks

Part A

*Answer all questions.
Each question carries 3 marks.*

1. What are the different data types available in "C" ?
2. Define Arrays. What are the different types of arrays ?
3. What are the advantages of functions ?
4. Define Structures.
5. Write down the file operations.

(5 × 3 = 15 marks)

Part B

*Answer all questions.
Each question carries 5 marks.*

6. Define branching control statement. List out the branching control statements with their syntax.
7. Write a program for searching an element in arrays.
8. Explain any *one* of the applications of pointer in detail.
9. Discuss about array of structures.
10. Write short notes on command line arguments.

(5 × 5 = 25 marks)

Turn over

Part C

*Answer all questions.
Each question carries 12 marks.*

11. Write a C program to check whether the given number is palindrome or not ?

Or

12. Explain briefly about the formatted and unformatted I/O function in "C" ?

13. Define Arrays. Explain the array types with an example program for each type.

Or

14. What is the use of using control statements in C ? List out the various control statements using in C ? Write a sample program for any *one* control statement ?

15. What are pointers ? When and why they are used ? Explain in detail with sample programs ?

Or

16. What are functions ? Explain the types of functions in detail with an example program for each type.

17. Define Structures. Explain structures in detail.

Or

18. Explain in detail about dynamic memory allocation.

19. Explain the concept of FILE Handling. WAP to create a file read the file and write on file. Also explain any *five* file handling pre-defined function with corresponding syntax.

Or

20. Write short notes on C preprocessor.

(5 × 12 = 60 marks)

