



C09-CM-105/C09-IT-105

3025

BOARD DIPLOMA EXAMINATION, (C-09)
MARCH/APRIL—2017
DCM—FIRST YEAR EXAMINATION

COMPUTER FUNDAMENTALS AND PROGRAMMING IN 'C'

Time : 3 hours]

[Total Marks : 80

PART—A

3×10=30

Instructions : (1) Answer **all** questions.

(2) Each question carries **three** marks.

(3) Answers should be brief and straight to the point and shall not exceed *five* simple sentences.

1. What is RAM and what is its function?
2. What is the result of the conversion $49B5_{(16)}$?(2)
3. List the steps in starting a program using start button.
4. Differentiate between Internet and intranet.
5. List the steps involved in algorithm development.
6. List the logical operators and give their hierarchy.
7. Define string. Give example.
8. List the uses of pointers.

* 9. What is self-referential structure?

10. How to close the file?

PART—B

10×5=50

Instructions : (1) Answer *any five* questions.

(2) Each question carries **ten** marks.

(3) Answers should be comprehensive and the criterion for valuation is the content but not the length of the answer.

11. Draw the block diagram of a digital computer and explain briefly the function of each block. 10

12. (a) Explain uninstalling a hardware using control panel.

(b) Explain uninstalling a software using control panel. 5+5=10

13. Explain various Internet connection methods. 10

14. Explain I/P and O/P functions with examples. 10

15. (a) Write a 'C' program to print the even numbers from 2 to 50.

(b) Write a 'C' program to check whether a given number is even or odd. 5+5=10

16. List the string handling functions and explain any three functions. 10

17. (a) Write a 'C' program to print transpose of a given matrix.

(b) Explain pointer as function arguments with example. 5+5=10

* 18. Explain any three storage classes. 10
