



C14-IT-105

4060

BOARD DIPLOMA EXAMINATION, (C-14)

OCT/NOV—2018

DIT—FIRST YEAR EXAMINATION

BASICS OF COMPUTER ENGINEERING

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. Draw the block diagram of digital computer.

2. List the characteristics of algorithm.

3. Write a short note on EBCDIC.

4. Briefly write about wildcard characters.

5. List the features of Windows desktop.

6. How to change the system date and time.

7. Differentiate between LAN and WAN.

8. Describe internet security.

* 9. List the advantages of database system.

10. What is the need for network security?

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. (a) Explain generations of computers. 6

(b) Define speed and word length. 4

12. (a) Convert $DAD_{(16)}$ ———(10) ———(8). 5

(b) What is the need for software engineering? 5

13. Explain any five internal DOS commands with example.

14. Explain the procedure of disk defragmentation using system tools.

15. Explain about FTP and Telnet.

16. (a) Explain about DNS.

(b) Write a short note on social security sites.

17. (a) Define open source software. List any five.

(b) List any five features of networking operating system.

18. (a) List any five applications of multimedia.

(b) Define E-commerce. List any three E-commerce sites.
