4060

BOARD DIPLOMA EXAMINATION, (C-14)
MARCH/APRIL—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) Answer should be brief and straight to the point and shall not Exceed *five* simple sentences.

1. What is the importance of cache memory?

2. List four characteristics of algorithm.

3. Write about ASCII and EBCDIC coding schemes.

4. Write briefly about wild-card characters.

5. What is the method of starting a program using start button?

6. List the components of window.

7. Describe the purpose of World Wide Web.

8. Define IP address.

9. Define software engineering.

10. Define virus.

PART—B

10×5=50

11. Classify the computers based on size.

12. List and explain at least 5 external commands in DOS.

13. Explain the procedure for installing a printer using control panel.

14. Describe social networking sites.

15. *(a)* Explain about LAN. 5

(b) Explain the structure of URL (Universal Resource Allocation)

16. *(a)* Convert $(562)_8$ to decimal 5

(b) Explain file systems FAT, FAT 32 5

17. Define the database and database management systems and explain the advantages of DBMS.

18. Explain the need for network security.

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