



C14-IT-105

4060

BOARD DIPLOMA EXAMINATION, (C-14)

OCT/NOV—2017

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. Write the importance of cache memory.
2. Define program.
3. Convert $10110110_{(2)}$ ——— (10) .
4. Write the need for operating system.
5. Write the steps in changing screen saver.
6. Write the meaning of file and folder.
7. Write about World Wide Web (WWW).

- * 8. Write a short note on social networking site.
- 9. List any three network operating systems.
- 10. Define worm.

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. Write the functions of CPU and its major parts.
- 12. (a) Write about EBCDIC coding scheme. 5
(b) Write the advantages with database systems. 5
- 13. Explain any four external commands of DOS.
- 14. Explain the process of installing new hardware using control panel.
- 15. Write the process of sending and receiving e-mails.
- 16. (a) What is the role of a modem in accessing the Internet? 5
(b) Write about Internet security. 5
- 17. Explain about FAT, FAT32 and NTFS file system.
- * 18. Explain various security concerns in e-commerce.
