



c16-IT-105

6050

BOARD DIPLOMA EXAMINATION, (C-16)

OCT/NOV—2018

DIT—FIRST YEAR EXAMINATION

BASICS OF INFORMATION TECHNOLOGY

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. Define high level language and low level language.
2. Define program.
3. Convert decimal number 125.25_{10} to binary.
4. List any six operating systems used presently.
5. List the features of Windows desktop.
6. Give the steps for starting program using start button.
7. Define computer network.

- * 8. Give the steps for sending e-mail.
- 9. Define open-source software.
- 10. List any three applications of multimedia.

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. Explain the classification of computer based on (a) size, and (b) processor.
- 12. (a) Explain the ASCII coding scheme. 5
(b) List any five differences between flat file database and relational database systems. 5
- 13. List and explain any ten internal commands.
- 14. (a) Explain the procedure for installing new software using control panel. 5
(b) Give the steps for uninstalling hardware using control panel. 5
- 15. Explain the structure of universal resource locator (URL). Give any three examples.
- 16. Explain the role of search engines with examples.
- * 17. List and explain different life cycle models in software engineering.
- 18. Explain the need for photoshop and flash.
