

*



C14-IT-105

4060

BOARD DIPLOMA EXAMINATION, (C-14)

JUNE—2019

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. State the importance of cache memory.
2. Differentiate algorithm and flow chart.
3. Write a short note on ASCII.
4. What is the need for an Operating System?
5. List the components of a Window.
6. Define file.
7. Differentiate internet and intranet.
8. Briefly write about DNS.
9. List various existing Database systems.
10. Define 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. (a) Give the classification of computers based on size and processor. 6
(b) Define high level language and low level language. 4
12. (a) Convert $254_{(10)} = \text{_____}_{(2)} = \text{_____}_{(16)}$.
(b) Write the need for software engineering.
13. Explain any 5 external DOS commands.
14. Explain the process for changing resolution, color and appearance of the display.
15. Explain installation of modem using control panel.
16. Explain about DHCP in detail.
17. (a) Explain FAT and NTFS. 6
(b) List any four open source software's. 4
18. (a) What is virus, explain? 4
(b) Explain various security concern in E-commerce. 6

* * *

*