6050

BOARD DIPLOMA EXAMINATION, (C-16)
MARCH /APRIL-2019
DIT - FIRST YEAR EXAMINATION
BASICS OF INFORMATION TECHNOLOGY

Time: 3 hours   Max. Marks: 80

PART-A   **3x10=30M**

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 the terms: Software, Hardware, Firmware.

2) Write the dirrerence between algorithm and flow chart.

3) Write about the BCD code.

4) What is meant by Booting process?

5) List the components of a window.

6) List any three system tools in windows.

7) Mention any three differences between Internet and Intranet.

8) What is URL. Give an example.

9) Define open source software. Give an example.

10) Define cyber crime.

PART-B   **5x10=50M**

Instructions: 1) Answer any **five** questons.
                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)   List and explain any 3 input devices and any 2 output devices.   10

12)   a) $(125.25)_{10} = (\underline{\hspace{2cm}})_2$ 5
        b) Draw the flow chart to find biggest of three members.   5

13)   a) What is need of the operating system?   5
        b) List and explain any 5 external commands in DOS.   5

14)   a) Explain the procedure for installing new software.   5
        b) What are the steps involved in formatting a floppy disk.   5

15)   What is Modem? Explain the installation procedure of MODEM using the control panel.   10

16)   a) Explain about social networking sites.   5
        b) Explain the role of search engines with examples.   5

17)   a) Differentiate between networking operating system and Desktop operating system.   5
        b) Distiguish between flat file database and relational database systems.

18)   a) Explain E-Commerce in detail.   5
        b) Explain about encryption.   5

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