

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 difference 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.

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PART-B

5x10=50M

- 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) List and explain any 3 input devices and any 2 output devices. 10
- 12) a) $(125.25)_{10} = (\text{_____})_2$ 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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