4060

BOARD DIPLOMA EXAMINATION, (C-14)
MARCH /APRIL-2019
DIT - FIRST YEAR EXAMINATION

BASICS OF COMPUTER ENGINEERING

Time: 3 HOURS   Total MARKS: 80

PART -A

10x3=30M

Instructions : 1) Answer all questions. Each question carries three marks
2) Answer should be brief and straight to the point and shall

1)   List types of Memories used in a computer.

2)   Write the steps involved in problem solving.

3) $ABC_{(16)}=$ _____$_{(2)}$ convert.

4)   List some popular operating systems.

5)   List the components of a window.

6)   Write the steps in starting the program from start button.

7)   Write about FTP.

8)   Write the purpose of Web Browser.

9)   Define Data Structure.

10)   List any 3 applications of Multimedia.

PART -B

10x5=50M

Instructions : 1) Answer any five questions

2) Each question carries ten marks

11) Write the classification of computers based on A) Size B) Processor

12) a) Convert $7896_{(10)}$ =_____$_{(2)}$

b) Distinguish between flat file and Relational Data Base

13) Write about AUTOEXEC.BAT and CONFIG.SYS files.

14) Explain the process of installing printer using control panel.

15) Write the steps in installing MODEM using control panel.

16) Write about (A) LAN   (B) WAN (C) Internet.

17) A) Define software engineering.   5m

B) Write the need for software Engineering.   5m

18) A) Write the need for Network Security.   5m

B) Write about Encryption.   5m

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