6025
BOARD DIPLOMA EXAMINATION
MARCH/APRIL - 2019
DIPLOMA IN COMPUTER ENGINEERING
BASICS OF COMPUTER ENGINEERING
FIRST YEAR EXAMINATION

Time: 3 Hours **Total Marks: 80**

PART - A (3m x 10 = 30m)

Note 1:Answer all questions and each question carries 3 marks

2:Answers should be brief and straight to the point and shall not exceed 5 simple sentences

1. Write the function of a printer
2. Give any three differences between program and algorithm
3. Convert 124.5 decimal into Binary System
4. What is the purpose of the commands 1. Del A*.* ? 2. Del ?.*
5. Define file and folder
6. List the steps to change the Desktop background
7. Define the terms telnet and DNS
8. What is Universal Resource Locator (URL). List any 2 URLs
9. List types of data structures ? Give an example in each case
10. Define Wireless LAN and mention any two of its features

PART - B (10m x 5 = 50m)

Note 1:Answer any five questions and each carries 10 marks

2:The answers should be comprehensive and the criteria for valuation is the content but not the length of the answer

11. List various output devices and Explain the functions of any three output devices
12. Explain the following Dos Commands with syntax, purpose and example

    A.Mkdir B. Chdir c. format d. Edit
13. a) List the features of Windows desktop.
    b) Explain the Method of finding a file using search option
14. . a). What is WAN? List any 4 characteristics of WAN.

    b). What is ISP? List any four ISPS available in India

15. Explain the structure of a Universal Resource Locator (URL).Give any two examples

16. List and explain any 5 Advantages of Database systems

17A. Explain Binary, Hexadecimal number Systems?

B. List any 5 life cycle models in software engineering and Explain about waterfall model

18. a)Explain about Wireless communication.
b)Distinguish between GSM and CDMA

- xxx -

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