

6025
BOARD DIPLOMA EXAMINATION
JUNE - 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 about PROM
2. Give any three differences between algorithm and flowchart
3. Convert 124.5 decimal into Binary System
4. What is the purpose Config.sys file?
5. Write the procedure of disk defragmentation using System tools
6. Write the procedure of changing resolution, colour of the display. List the steps for installing new software using control panel.
7. What is DHCP and state its purpose?
8. What is the purpose of web browser software. List any 2 browsers
9. List any 4 differences between Flat file database and Relational Database systems
10. State the purpose of wi-fi and Bluetooth

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. Explain the relevance of speed and word length for CPU Performance
- * 12. a) Explain about Autoexec.Bat File.
b) Explain about file attributes in DOS
13. a) Explain the procedure to install a printer using Control panel.
b) Write the steps to change screen Resolution.
14. a) Distinguish between Internet and Intranet
b) Describe the relevance of an internet service provider

15. a) State the role of a modem in accessing the Internet.
b) What is the purpose of web browser software. List any 3 browsers.
16. List and explain any 5 data base systems
- 17A. Write the steps to convert from binary system to octal system with an example
- B. List any 5 life cycle models in software engineering and Explain about spiral model
18. List and explain any two Cellular Systems.

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