

Total number of printed pages: 2

Diploma/1st /DAMT101

2022



FUNDMENTALS OF COMPUTER APPLICATION

Full Marks: 100

Time: Three hours

The figures in the margin indicate full marks for the questions.

Answer any five questions.

1. a) Write a brief history of computer? 6
b) Give a comparison of 1st, 2nd and 3rd generation of computer. 6
c) What is mean by a Secondary Storage Device? List the different secondary Storage devices and explain any 3 with their functioning. 2+6
2. a) What is memory hierarchy? Explain in brief. 4+4
b) Differentiate between volatile & non-volatile memory. 4
c) Explain about static and dynamic RAM. 4+4
3. a) Differentiate between machine language and assembly language. 6
b) List three translator's name and explain each. 3+6
c) Differentiate between system software and application software. 5
4. a) Convert 1424 base 10 and 2214 base 8 to their binary equivalent. 4+4
b) What is an e-commerce? List its types. 4+4
c) Explain the basic structure of a HTML document. 4
5. Write short notes on the following 4x5=20
 - a) Search engine & Net surfing
 - b) HTT& URL
 - c) Intranet & Internet

- d) Modem & switch
6. a) What do you understand by computer network? Explain the different types of computer network. 2+6
- b) Explain the advantages and disadvantages of the following: 4x3
- i) Bus topology
 - ii) Star topology
 - iii) Mesh topology
 - iv) Ring topology

