



LBS CENTRE FOR SCIENCE & TECHNOLOGY
DIPLOMA IN COMPUTER APPLICATION(SOFTWARE) Regular/Supplementary
EXAMINATION – JANUARY 2020

DC 01 INFORMATICS

Time: 2hrs

Max Marks: 100

PART A

I Answer ALL Questions in one or two sentences. (Each question carries 2 marks)

1. Who developed Stored Program Concept?
2. Give the full form of EDVAC.
3. What is booting?
4. What is the significance of Fifth Generation computers?
5. State the difference between Serial and Parallel ports.
6. What is address bus?
7. Define Data Transfer Rate with respect to memory.
8. Name any two magnetic storage devices.
9. What is software piracy?
10. Give two examples of System Software.
11. Differentiate between soft copy device and hard copy device.
12. Why is Dynamic RAM more popular than Static RAM?
13. What is the use of Bar code reader?
14. What is humanware?
15. What is the speciality of Real-Time OS?
16. What is an Assembler?
17. Name any two microprocessors.
18. Define ethics.
19. What is M-Commerce?
20. Name any two application areas of IT.

[20 x 2 = 40]

PART B

II Answer any SIX questions from the following. (Each question carries 5 marks)

1. Explain the characteristics of computers.
2. Explain the need of secondary memory in a computer.
3. Explain cache memory and its various types.
4. Briefly explain any two output devices.
5. Briefly compare compiler and interpreter.
6. Briefly compare machine language and high level language.
7. Briefly explain the different types of E-Commerce.
8. Explain any four ethical issues.

[6 x 5 = 30]

PART C

III Answer any THREE questions from the following. (Each question carries 10 marks)

1. Explain the various generations of computers.
2. With the help of a diagram explain the organization of a computer.
3. Explain the various magnetic storage devices.
4. Explain different types of Operating Systems.
5. Explain any five applications of IT

[3 x 10 = 30]