



INDIAN INSTITUTE OF MATERIALS MANAGEMENT
Post Graduate Diploma in Logistics Management

Dec 2013

PAPER - 8.1
INFORMATION TECHNOLOGY (Theory)

Date: 17.12.2013

Time : 2.00 p.m. to 3.30 p.m

Max Marks: 50

Duration: 1 ½ Hrs

Instructions:

1. From Part "A" answer all the questions (compulsory). Each sub-question carries 1 mark. **Total marks = 10**
2. From Part "B" answer any **FOUR** questions . Each sub-question carries 10 marks. **Total marks = 40**
3. Answers should be precise, brief and to the point.

PART – A

(10 x1 = 10 marks)

Q.1 Fill in the blanks.

1. The table that enables the computer to locate data easily is called
2. The base of decimal number system is
3. Magnetic tape can store only files.
4. ASP stands for
5. A 32-bit machine, the maximum size of virtual address space is
6. A system requires data compression.
- 7.. Ais a presentation tool.
8. Plotter is the type of device.
9. The ALU stands for
10. The protocol allow any internet site to provide web pages.

PART – B (any four)

10 x 4 =40 marks

Q.3a Explain in detail the different parts of a computer system with the help of a block diagram.

Q.3b Convert the following binary numbers to decimal numbers.

- i) 10.10001
- ii) 101110.0101
- iii) 1110101.110
- iv) 1101101.111
- v) 11010111.110

- Q.4a Elaborate different modes of transmission and communication channels.
- Q.4b What are the important steps in approaching data warehousing.
- Q.5 a Differentiate between RISC and CISC.
- b Explain in detail batch processing.
- Q.6 Write a short note on:
- a. History and evolution of Operating System
- b. User Interfaces
- Q.7a Explain the various file structures in Data Base Management System.
- Q.7b Explain the various types of storage devices and describe the IPOS cycle.
