



INDIAN INSTITUTE OF MATERIALS MANAGEMENT  
Post Graduate Diploma in Logistics Management

June 2013

PAPER - 8.1  
INFORMATION TECHNOLOGY (Theory)

Date: 11.06.2013

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 out of nine questions. Each sub-question carries 10 marks.  
**Total marks = 40**
3. Answers should be precise, brief and to the point.

**PART - A**

( 1 x 10 = 10 marks)

**Q.1 Fill in the blanks.**

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

**PART - B ( any four)**

10 x4 = 40 marks

Q.2 a) Explain the various types of storage devices.

b) Describe the IPOS cycle.

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

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

Q.4 Elaborate. Modes of transmission and communication channels.

Q.5 Explain briefly the important steps in approaching data warehousing.

Q.6 a) Differentiate between RISC and CISC.

b) Explain in detail batch processing.

Q.7 Write a short note on:

a) History and evolution of Operating System

b) User Interfaces

Q.8 Explain the various file structures in DBMS.

Q.9 Explain in detail the block diagram of a computer system.

Q. 10 Expand the following:

a) FTP

b) HTTP

c) HTML

d) ASCII

e) LHN

f) IDU

g) MAN

h) OSI

i) TCP/IP

j) URL

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