INDIAN INSTITUTE OF MATERIALS MANAGEMENT
Post Graduate Diploma in Logistics Management

PAPER – 8.1

INFORMATION TECHNOLOGY (Theory)

Date: 14. 12. 2010   Max. Marks: 50
Time: 2.00PM to 5.00PM   Duration 1 1/2 hours

Read the Instructions carefully:

1].   Part – A contains 1 main question (with 10 sub questions). Each question carries 1 mark. Part – A is compulsory.
2].   Part – B contains 9 questions. Answer any 4 questions. Each question carries 10 marks.
3].   Answers should be precise, brief and to the point.

PART A

Q1A.   Select the correct answer from the probable answers given below;
(Each correct answer carries 1 mark)

1A.1   The main purpose of the computers is to process the data into
    a)   Meaningful data   b).   Arithmetic calculation
    c).   Information   d).   Formulae

1A.2   Virtual memory provides .
    a)   Protection   b).   Automatic Storage Allocation
    c).   Sharing ability   d)   All of them

1A.3   On a 32 bit machine, what is the maximum size of the virtual address space ?
    a)   4 Megabytes   b)   2 kilobytes
    c)   4 Gigabytes   d.   100 kilobytes

1A.4   The binary equivalent of 43 in decimal system is
    a)   101011   b).   1101110
    c).   111010   d).   1011114

1A.5   One giga byte of memory is equal to
    a)   1000 megabytes   b).   1024 megabytes
    c).   1012 megabytes   d).   1008 megabytes

Q1B.   Fill in the blanks .   (Each correct answer carries 1 mark)

1B.1   The amount of information that can be stored on a floppy drive is determined by the ------------------ of the -----------------   --------------- on the surface of the floppy disk .

1B.2 The table that enable the computer to locate the required data easily is called --------
-------------------- ------------------

1B.3 In the programs written in -------------------- ------------------lesser number of errors are
made and it is easier to modify than Machine Language Programs

1B.4 A memory chip is an ------------------- ---------------- which is made of millions of
transistors and capacitors .

1B.5 The computers use base two number system because they are made of switches
which are either ---------- or --------

PART B

Q2. **(a)** Describe in brief the classification and history of development of computers.

(b) What are the various types of Input Devices being used by computers

Q3. **(a)** Explain the different types of secondary storage devices along with their merits
and demerits .

(c) Explain the functioning of central Processing Unit of Personal computers.

Q4. **(**a) Explain different types of files and file structures used in computer environment.
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(b) What do you understand by Operating System of a computer , MS-DOS
Operating System and Windows Operating system.

Q5. What do you understand by the term Data Base Management System, Explain the
. advantages of DBMS approach.

Q6. Explain the salient feature of Power Point Program with the help of suitable
examples from your experience.

Q7. Explain the use of Formulae and Functions in Microsoft Office.

Q8. Write short notes on the following.

a) Spooling
b) Piping
c) The CINFIG.SYS File
d) The Kernel
e) Pseudocode

Q9. Expand the following.

a)	ENIAC	f)	PCB
b)	ALU	g)	TCP / IP
c)	OLTP	h)	HTML
d)	EEPROM	I)	SQL
e)	HTTP	j)	WAN

Q10. What are the advantages of Flowcharts.   Illustrate   the   different   special shapes   which   represent different types of actions in a flowchart .

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