INDIAN INSTITUTE OF MATERIALS MANAGEMENT

Post Graduate Diploma in Materials Management

Graduate Diploma in Materials Management

PAPER No. 4

IT and E-COMMERCE

Date: 11.06.2013	**Max Marks: 100**
Time : 2.00 p.m. to 5.00 p.m.	**Duration: 3 Hrs**

Instructions:

1. From Part "A" answer all the questions (compulsory). Each sub-question carries 1 mark.

Total marks = 32

2. From Part "B" answer any three questions out of five questions. Each question carries 16 marks.

Total marks = 48

3. Part "C" is a case study (compulsory)   **Total marks = 20**

PART - A   (1 x 32 = 32 marks)

Q.1 Choose one out of multiple options.

1. Memory

   A. is a device that performs a sequence of operations specified by instructions in memory.

   B. is the device where information is stored

   C. is a sequence of instructions

   D. is typically characterized by interactive processing and time-slicing of the CPU's time to allow

      quick response to each user.

2. Which computer has been designed to be as compact as possible?

    A. Mini

   B. Super computer

   C. Micro computer

   D. Mainframe

3. Which of the following is still useful for adding numbers?

   A. EDSAC

   B. ENIAC

   C. Abacus

   D. UNIVAC

4. ASCII stands for   '

  A. American standard code for information interchange

  B. All purpose scientific code for information interchange

  C. American security code for information interchange

  D. American Scientific code for information interchange

5. The 2's compliment of a binary no. is obtained by adding.....to its 1's compliment.

  A. 0

  B. 1

  C. 10

  D. 12

6. What is the name given to the organized collection of software that controls the overall operation of a computer?

  A. Working system

  B. Peripheral system

  C. Operating system

  D. Controlling system

7. The brain of any computer system is

  A. ALU

  B. Memory

  C. CPU

  D. Control unit

8. The first mechanical calculating machine was made by

  A.William Oughtred

  B.Gottfried Leibnitz

  C.Blaise Pascal

  D.Charles Babbage

Q.2 Expand the following:

1. CRM	2. SQL	3. CAD	4. MIS
5. DRAM	6. ERP	7. VSAT	8. DHT

Q.3 Match the following.

1.	Power Point	A	First electromechanical calculator
2.	MS Excel	B	Presentation Tool
3.	Difference Engine	C	Computer Language
4.	CRM	D	Worksheet
5.	Mark I	E	Largest application in IT
6.	UNIX	F	Output Unit
7.	Printer	G	Operating System
8.	FORTRAN	H	Charles Babbage

Q.4 State true or false.

1. The DigiCash is an electronic system for sending money over internet.
2. CyberCash is a system that allows customers to pay by credit card without revealing the credit card number to the merchant.
3. The machine and its components are called software.
4. Integrated Circuits were used as electronic components in third generation of computers.
5. Program is a set of instructions.
6. RFID provides well organized collection of data.
7. A WAN network is usually spread over a long distance.
8. The ICT is having substantial impacts on economic performance.

PART – B (any three)   16x 3 =48 marks

Q.5 a) Explain the block diagram of computer system.

   b) What are the various types of storage devices of computers? Explain.

Q.6 Elaborate in detail a business process re-engineering and discuss the role of IT in BPR..

Q.7 Write a short note on :
   1) Client Server Architecture   2) MIS
   3) RDBMS   4) Application Software

Q.8 Explain in detail the various functions in MS-Excel.

Q.9 Write a procedure for following functions in MS Word.

      1) Page Setup   2) Print

      3) Zoom   4) Paragraph

      5) Table   6) Font

      7) Header & Footer   8) Paragraph

PART – C   **20 marks**

Henderson demonstrates that e-commerce can be used to support business networks and help rural firms overcome the challenges of small size and geographic remoteness. Business networks in the study consist primarily of supply networks where large firms purchase material inputs from other firms. These networks may be open (access available to all) or closed (membership restricted to specific suppliers or customers and information exchange provided through Electronic Data Interchange - EDI). Two businesses are used as examples of rural e-commerce activity and network building.

Q. 1 Focus on network characteristics and benefits to the individual firms.

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