



INDIAN INSTITUTE OF MATERIALS MANAGEMENT
Post Graduate Diploma in Materials Management
Graduate Diploma in Materials Management
PAPER No. 4 (New)
IT and E-COMMERCE

Dec 2015

Date: 15.12.2015

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 |
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PART - A

(compulsory). Each sub-question carries 1 mark. 32 marks

Q.1 Fill in the blanks: (8 marks)

1. are the most powerful computers.
2. are generally used for CAD applications.
3. devices accept the instructions from the user.
4. chips used for temporary storage.
5. A collection of software programs is known as a
6. invented a numerical wheel calculator.
7. is more sophisticated high level language.
8. Vacuum tube were used as an electronic component in..... generation

Q.2 . Match the following: (8 marks)

- | | A | B |
|----|-----------------|-----------------------------|
| 1. | File Manager | a. Structure of database |
| 2. | Data Dictionary | b. Descriptive Information |
| 3. | Design | c. Methodology |
| 4. | Metadata | d. Multiple Fields |
| 5. | SDLC | e. Set of Definitions |
| 6. | Analysis | f. Allocation of disk space |
| 7. | Record | g. Blueprints |
| 8. | DDL | h. Data Collection |

Q. 3. Say true or false:

(8 marks)

1. Data is processed and analysed to generate information.
2. Any system designed to provide information is called MIS.
3. Operational information is needed to take medium range decisions.
4. Joystick is an output device.
5. Hardware is the physical components of a computer.
6. A file is a collection of database.
7. SIS provide information into its strategic planning processes.
8. The primary goal of DBMS is to represent data.

Q. 4. Write the full forms of the following:

(8 marks)

1. RISC
2. CAD
3. VDU
4. HDD
5. CD-ROM
6. MOOC
7. ICT
8. ULSI

Part – B

(48 marks)

(Answer any three questions out of five questions. Each question carries 16 marks).

- Q. 5 What is E-commerce? Explain its advantages and disadvantages.
- Q. 6 What are the components of EDI? Describe the challenges involved in e-communication.
- Q. 7 Discuss the various information technologies used in retail sector with their respective applications.
- Q. 8 What is an operating system? Compare and contrast MS-DOS and UNIX operating system.
- Q. 9 Define ERP. Explain its process and applications in detail.

Part – C (Compulsory)

Q.10 **Case study:**

(20 marks)

Explain B2B E-Commerce using an example of a book distributor who stocks a large number of books, which he distributes via a large network of book sellers. Assume that the distributor has stocks of books of a large number of publishers and book sellers order books as and when their stock is low. Distributors give 1 month's time to booksellers for payment. Also explain how target customers are identified? How IT strategies would be helpful to play its role?
