



INDIAN INSTITUTE OF MATERIALS MANAGEMENT
Post Graduate Diploma in Materials Management
Graduate Diploma in Materials Management
PAPER No. 4 (New)

Dec 2014

IT and E-COMMERCE

Date: 16.12.2014

Max Marks: 100

Time : 2.00 p.m. to 5.00 p.m.

Duration: 3 Hrs

Instructions:

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|--|-------------------------|
| 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. Expand the following.

- | | | | |
|----------|---------|----------|--------|
| 1. RFID | 2. HTML | 3. ENIAC | 4. CAM |
| 5. RDBMS | 6. SMTP | 7. OCR | 8. FAT |

Q.2. State true or false.

1. Integrated Circuits were in third generation of computers.
2. The set of instructions to run a computer refers to the software of the system.
3. Random Access Memory is a temporary storage device.
4. Arithmetic and logical unit is considered as the brain of any computer system
5. EFT in a computer system is considered as an output device.
6. A WAN network is generally spread over a large geographical area.
7. DSS provides mechanism for transmission of mail.
8. ERP stands for Electronic Routine Payments.

Q.3. Match the following.

A	B
1. Silicon Valley	a Converts binary file to ASCII
2. QWERTY	b Operating System
3. Cache Memory	c Search Engine
4. OS/2	d California
5. Power Point	e Provides services like checking savings account and currency exchange etc.
6. Debit Card	f Keyboard
7. Unicode	g Audio/visual/graphical presentation
8. Google	h Has the shortest access time.

Q.4. Fill in the blanks.

1. Amount of information stored on a floppy drive is determined by ----- of the -----
----- on the surface of the floppy disk .
2. The table that enable the computer to locate the required data easily is called -----

3. _____ is the system program that acts as an interface between the user and the hardware of the computer system.
4. A memory chip is an ----- which is made of millions of transistors and capacitors .
5. Netscape Navigator and internet Explorer are commonly used _____.
6. _____ intends to gain unauthorized access to computer system.
7. The protocol used for sending money over Internet is called -----
8. The computers use two number system because they are made of switches which are either ----- or -----

PART – B

(48 marks)

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

- Q.5. a) Discuss in detail about the Data Base Management System .& various applications of Data base management System.
b) Explain about distributed versus centralized computing.
- Q.6. a) Explain the concepts , advantages and disadvantages of E-Commerce.
b) Describe implementation process of B2B E-Commerce.in a company
- Q.7. Write short notes on
a) Cryptography
b) Domain Name
c) Uniform Resource Locator
d) Cyber Laws
- Q.8. Describe the concepts, advantage and disadvantages of E- Governance
- Q.9. Describe Enterprise Resource Planning & details of applications of SAP.

Part - C

Q. 10 Case study (Compulsory)

20 marks

Mr. P Subramanian Managing Director of M/s Tribhuwandas Shyamaldas Motor Parts Company of India Ludhiana has decided to streamline and computerize Supply Chain Management department . The Head of Supply Chain Department has been asked to look for an External Consultant to study and suggest the possibility of IT and E- Commerce strategy.

The company which was initially started in 1954 as a dealer of imported cars & transport vehicles is now manufacturing Gear Boxes for various vehicles with production facilities spread over three states in India .The company has very good reputation and brand image in the market

Question:

Prepare as an external consultant a detailed report highlighting the step by step approach for implementing Information Technology tools and E-Commerce strategy..Describe the major returns, unforeseen risks and the security issues .
