



INDIAN INSTITUTE OF MATERIALS MANAGEMENT

Dec 2024

Post Graduate Diploma in Logistics & SCM
Post Graduate Diploma in Materials Management - 2 years
PAPER No. 8 (enrollment code- PMM,PSM, CMM,CSM)
Management Information System

Date : 17.12.2024
Time : 10.00 a.m to 1.00 p.m.

Max. Marks : 70
Duration : 3 Hrs.

Instructions:

1. From Part A – answer all questions (compulsory). Each sub questions carries 1 mark. **Total : 20 Marks**
2. From Part B – Answer any 3 questions out of 5 questions. Each question carries 10 marks **Total :30 Marks**
3. Part C is a case study (compulsory) with questions. **Total: 20 Marks**

Part – A

[20 Marks]

(Attempt all questions. Each sub question carries 1 mark.)

Q.1 Fill In The Blanks:

(5 Marks)

1. is the only language which understand by a computer.
2. comprises various components that process data in order to derive information.
3. refers to an electrical and physical component of a computer system.
4. Explicit knowledge is the knowledge which is represented through words and numbers.
5. The technique is used to keep encrypted information secret based on a key.

Q.2 Match the following:

(5 Marks)

A

B

- | | |
|----------------------------------|--|
| 1. TPS | A. connected via sensors |
| 2. MSS | B. process business transactions |
| 3. Business Continuity Plan | C. deals for multiple business functions |
| 4. IOT system | D. supports MIS |
| 5. Functional information system | E. disaster recovery plan |

Q. 3. Say true or false:

(5 Marks)

1. A file server is a part of nearly every type of network.
2. Descriptive analytics works better on combining it with other types of data analytics.
3. ESS supports semi-structured and unstructured problem in an Organisation.
4. Microsoft Word helps in project planning and project scheduling.
5. Application programs refers to the system programs for operating a computer system.

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

(5 Marks)

- 1) UNIVAC 2) HTTP 3) MAN 4) MOLAP 5) VPN

PART – B

Write any three (3) of the following questions 10 marks each)

(30 Marks)

- Q. 5.** a) What is E-Commerce? Explain core features of E-Commerce. **[2x5 =10 marks]**
b) Explain various components of a computer with neat diagram.
- Q. 6.** a) Discuss various types of the networks. **[2x5 =10 marks]**
b) What is an Operating System? Explain its basic functions.
- Q.7.** a) Describe the process steps involved in a decision-making process. **[2x5 =10 marks]**
b) What is concept of artificial intelligence? Explain its various applications.
- Q. 8.** a) Describe the architecture of centralized database with neat diagram. **[2x5 =10 marks]**
b) What are the phases of project management information system? Explain.
- Q. 9.** Explain the following in detail. **[2 x5 =10 marks]**
a) Applications of data mining b) Spiral Model

PART - C [Compulsory]

[20 Marks]

Q. 10. Read the case carefully and answer the questions given at the end.

(20 marks)

Colgate-Palmolive is a market leader in the manufacture and retail of consumer products, which are sold across a number of regions. The enterprise resource planning system followed by Colgate-Palmolive was driven by an integrated module of software designed to support the functionalities of internal business processes of the enterprise. With the help of ERP systems being embedded into all parts of business functions, the company was able to generate significant benefits in all the areas of business operations. The company implemented the SAP R/3 module of ERP at its business locations. The intent of the company was to attain more accurate and timely business data, reduce the costs of manufacturing, and extract the most out of working capital resources.

1. What do you understand by an ERP system? **[5 marks]**
2. Explain the need and importance of ERP system implementation for a business. **[5 marks]**
3. List and discuss various functions of ERP system. **[5 marks]**
4. Explain the advantages for Colgate-Palmolive by implementing the ERP system? **[5 marks]**
