

2/121

0602E1514

Candidate's Seat No : _____

MBA Sem.-1 (IBFT/DM) Examination

IBFT/DM-105

EIS

Time : 2-30 Hours]

February-2025

[Max. Marks : 70

Instructions:

- *Question no 1 to 5 carry 14 marks each.*
- *Question no. 1 is compulsory.*
- *In question 5, each of the question is of 2 marks each.*

Question 1

- i. Consider any two-function area (Marketing, Finance, Human Resources) of your choice based on that explain with examples how information systems can be beneficial for the functional areas.

Question 2

- i. State the challenges of managing information systems in today's business environment
- ii. What is a decision support system (DSS) Explain its components with suitable examples.

OR

- i. State the differences between OLTP and OLAP in detail
- ii. What is RDBMS? How does it organize data? List down the operations of RDBMS.

Question 3

A software development company, TechSolutions, has been tasked with building a custom mobile application for a retail client, Shop Smart, who wants to enhance customer engagement through a mobile platform. The project has been approved, and the timeline for completion is set for six months. The project manager, Sarah, is tasked with overseeing the entire project from initiation to delivery.

- i. In the context of this project, which phases of the project management process would Sarah be in? Explain
- ii. What are tools Sarah will use to do project management?

OR

DocuSecure, a mid-sized law firm, has recently implemented an Electronic Document Management System (EDMS) to streamline its document storage, retrieval, and collaboration processes. The system allows employees to store client contracts, legal briefs, case files, and other sensitive documents electronically, which improves efficiency and reduces paper clutter. However, as the firm transitions to this digital solution, the management team becomes increasingly concerned about the security of the system.

- i. What specific security measures should be implemented to safeguard sensitive client data and ensure compliance with industry regulations?
- ii. What are the security threats docusecure is there against which they have to safeguard their EDMS? Elaborate.

Question 4

A financial services company, FinGuard, has been experiencing disruptions in its network. The IT team has observed unusual behavior, such as slow network performance, unexpected system reboots, and users being unable to access critical applications. After further investigation, it was revealed that the company had been the target of several network attacks over the past few weeks.

- i. What types of network attacks could pose a risk to FinGuard's infrastructure?
- ii. What general strategies can the company implement to enhance overall network security?

OR

GlobalTech Manufacturing, a rapidly growing company, has decided to implement an Enterprise Resource Planning (ERP) system to streamline its operations, improve data management, and enhance decision-making across departments like finance, supply chain, production, and sales. The company's current systems are disjointed, leading to inefficiencies, data inconsistencies, and delays in reporting. After an internal assessment, GlobalTech's management team has identified the need for a comprehensive ERP solution that can support its expansion and future business goals.

- i. How can GlobalTech evaluate the different ERP options to ensure they meet the specific needs of various departments such as finance, sales, and supply chain?
- ii. What steps should be taken during the implementation phase to address challenges like data migration, user adoption, and training to ensure a smooth transition to the new ERP system?

Question 5-Explain the following in brief: (Attempt any 7 out of 12)

- i. What is Data Mart?
- ii. What is metadata?
- iii. What is SQL?
- iv. Business Intelligence
- v. Explain JDBC.
- vi. Explain the system analysis.
- vii. Explain Phishing
- viii. what primary goal of Business Process Reengineering (BPR)?
- ix. Define the primary purpose of a data warehouse?
- x. What is difference between Gray Hat hackers differ from Black Hat hackers?
- xi. What does Cross-Site Scripting (XSS) allow an attacker to do?
- xii. What time of benefit Custom training module benefit employees?

.....**End of Paper**.....