

NMIMS Centre for Distance and Online Education (NCDOE)

Course: Information Systems for Managers

Internal Assignment Applicable for Jun 2026 Examination

Assignment Marks: 30

Instructions

- *All Questions carry equal marks*
- *All Questions are compulsory*
- *All answers to be explained in not more than 1000 words for question 1 and 2 and for question 3 in not more than 500 words for each subsection. Use relevant examples, illustrations as far as possible*
- *All answers to be written individually. Discussion and group work is not advisable.*
- *Students are free to refer to any books/reference material/website/internet for attempting their assignments, but are not allowed to copy the matter as it is from the source of reference.*
- *Students should write the assignment in their own words. Copying of assignments from other students is not allowed*
- *Students should follow the following parameter for answering the assignment questions*

For Theoretical Answer	
Assessment Parameter	Weightage
Introduction	20%
Concepts and Application related to the question	60%
Conclusion	20%

For Numerical Answer	
Assessment Parameter	Weightage
Understanding and usage of the formula	20%
Procedure / Steps	60%
Correct Answer & Interpretation	20%

PLEASE NOTE: This assignment is application based, you have to apply what you have learnt in this subject into real life scenario. You will find most of the information through internet search and the remaining from your common sense. None of the answers appear directly in the textbook chapters but are based on the content in the chapter

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Q1 A financial services company recently suffered an internal security breach when a computer virus entered through an employee's use of unsecured internet services, disrupting several critical systems. The incident exposed gaps in both technical safeguards and employee awareness. Senior management has asked you to lead a security overhaul to prevent future internal threats and ensure business continuity. As an IT manager in a financial services firm, you are tasked with enhancing the security of the organization's information systems after a recent internal breach caused by a computer virus. Apply appropriate information security frameworks to develop a comprehensive plan that addresses both technological and human factors. How would you implement this plan and measure its effectiveness?

(10 Marks)

Q2 A medium-sized consulting firm is considering moving its core business applications to the cloud to support remote work and improve collaboration. The IT manager is reviewing options such as Zoho Office, Google Workspace, and Microsoft 365, as well as infrastructure services from AWS and Azure. Key concerns include data privacy, integration with existing systems, scalability for future growth, and total cost of ownership. The leadership team is seeking a clear evaluation framework to guide their decision. Evaluate the company's use of cloud computing tools in its information systems strategy. How should the company assess the trade-offs between different cloud solutions (e.g., SaaS, PaaS, IaaS) in terms of scalability, security, and cost? Justify your recommendations for selecting the most appropriate tools for the organization's needs.

(10 Marks)

Q3 (A) A mid-sized retail company is planning to implement a cloud-based CRM system to centralize customer data and improve service. However, the company already uses several legacy systems for finance, inventory, and sales, each with its own data formats and processes. Management is concerned about data silos, migration risks, and employee resistance to change. Design a comprehensive strategy for integrating a new cloud-based Customer Relationship Management (CRM) system into an existing

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organisation's IT infrastructure, ensuring seamless data flow between legacy systems and the new CRM. What innovative steps would you take to address compatibility, data migration, and user adoption challenges?

(5 Marks)

- Q3 (B)** A global logistics company is rolling out a new ERP system to integrate its operations across several countries. Employees are used to localised processes and are apprehensive about the new system's rigidity and the potential loss of flexibility. The leadership team wants to ensure a smooth transition and maximise the benefits of process integration. Design a change management plan for the successful adoption of enterprise resource planning (ERP) systems in a dispersed, networked organisation. How would you address resistance, training needs, and the alignment of business processes across multiple locations?

(5 Marks)
