

**MASTER OF COMPUTER
APPLICATIONS
(MCA) (REVISED)**

**Term-End Examination
December, 2025**

**MCS-052 : PRINCIPLES OF MANAGEMENT
AND INFORMATION SYSTEMS**

Time : 2 Hours

Maximum Marks : 50

***Note :** Question No. 1 is compulsory. Attempt any **three** questions from the rest.*

1. (a) Explain the concept of decision-making in management. How do the various levels of management (top, middle, and operational) contribute to the decision-making process within an organization ? 5
- (b) Discuss the influence of globalization on contemporary businesses. How does

globalization impact organizational structures, strategies and operations ? Offer examples to substantiate your response. 5

(c) Describe how information systems contribute to enhancing organizational efficiency and effectiveness. Offer examples of how diverse types of information systems facilitate various functions within an organization. 5

(d) Discuss the importance of organizational culture in attaining strategic goals. Illustrate your point with an example. 5

2. (a) Explain the concept of Discounted Cash Flow (DCF) and its significance for businesses. How can businesses use payback period to evaluate the success of projects or investments ? Provide examples. 5

- (b) Discuss the importance of Total Cost of Ownership (TCO) in financial decision-making. How can businesses mitigate financial risks through strategic risk management practices ? Explain with example. 5
3. (a) Explain the problems a company may face if they decide to develop an ERP (Enterprise Resource Planning) package in house instead of purchasing a pre-built solution. Provide examples to support your answer. 5
- (b) Explain the impact of data breaches on organizations and individuals. How can adherence to fair information practices help mitigate to risks of data breaches ? Provide example to support your answer. 5
4. (a) Discuss the specific targets of cyber-war and cyber-terrorism. What types of entities or systems are typically targetted in each scenario ? 5

- (b) Explain the importance of effective quality management systems in organizations. What are some common obstacles organizations face when trying to implement these systems ? 5
5. (a) Discuss the significance of departmentalization in vertical organizations. How does it help in organizing and coordinating task among different units ? 2.5
- (b) Discuss the advantages of remote collaboration in virtual organizations. How does it impact productivity and flexibility ? 2.5
- (c) Discuss the challenges individuals may face in maintaining work life balance in a virtual organization compared to a traditional office environment. 2.5
- (d) Discuss the importance of reliable services of ISPs. What are some common challenges they face in ensuring consistent and uninterrupted service for their customers ? 2.5

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