

B31-R4 : MANAGEMENT FUNDAMENTALS AND INFORMATION SYSTEMS

NOTE :

1. Answer question 1 and any FOUR from questions 2 to 7.
2. Parts of the same question should be answered together and in the same sequence.

Total Time : 3 Hours

Total Marks : 100

1. (a) What are the Levels of Management ? Explain the behavioural approach.
(b) What do you mean by system ? What are the types of Systems ?
(c) What are the main purposes of an accounts payable system, and how does it affect the financial operations of a company ?
(d) Describe the idea of business process reengineering (BPR) and how information systems are used to improve organizations.
(e) What function does organizing control serve ? What distinguishes controlling from planning ?
(f) What are system vulnerabilities, and why are they a concern for organizations ?
(g) Discuss the importance of organizational structure controls in ensuring the proper use of IT resources. (7x4)

2. (a) Describe the importance of output controls in ensuring the security and accuracy of information generated by applications.
(b) Explain the key phases of SDLC and their sequential order. (12+6)

3. (a) How can organizations ensure data security and safeguard systems during development and operation ?
(b) Explain the concept of Customer Relationship Management (CRM) and its significance for businesses. (10+8)

4. (a) Discuss the functions of human resources information systems (HRIS) in managing employee data and HR processes ? How HRIS can support recruitment, employee onboarding, and performance management ?
(b) Discuss the role of information systems in optimizing supply chain operations. (12+6)

5. (a) Describe the Rapid Application Development (RAD) process and the situations in which software development projects benefit most from it.
- (b) Discuss the characteristics and functions of an Executive Information System (EIS) and Expert Systems (ES). (9+9)
6. (a) Why is it so important for software development and IT initiatives to ensure system quality ?
- (b) How do data management controls help organizations manage and protect their data assets effectively ? Discuss the practices involved in managing and securing Internet and Intranet environments. (9+9)
7. (a) How does Supply Chain Management (SCM) contribute to enhancing the efficiency of the supply chain and reducing costs ?
- (b) Describe the role of a payroll system in managing employee compensation and its integration with accounting. (9+9)

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