

B3.1-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.

Time: 3 Hours

Total Marks: 100

1.

- a) Describe the relationship between information systems and business processes.
 - b) What are Group Decision Support Systems (GDSS)?
 - c) "Planning is looking ahead and controlling is looking back." Comment.
 - d) Differentiate between Deterministic and Probabilistic systems with an example.
 - e) According to Herzberg, what are the factors that affect employee's motivation in an organization?
 - f) Discuss the need of Business Process Reengineering.
 - g) What is feed forward control? Explain its mechanism with an example.
- (7x4)**

2.

- a) Discuss the role of different types of information systems serving different levels of management groups in an organization.
 - b) "Successfully using information systems to achieve a competitive advantage is challenging and requires precise coordination of technology, organizations, and management." Do you agree with the statement? Give justification for the same.
- (10+8)**

3.

- a) Discuss the role of Human Resource Information Systems in managing various HR activities in an organization.
 - b) Discuss briefly Technical Approach, Behavioral Approach and Socio-Technical Approach to information systems.
- (10+8)**

4.

- a) What are the possible security and system reliability problems created by employees in an organization? What steps organizations should take to avoid this to happen?
 - b) Define application controls and describe each type of application control with examples.
- (10+8)**

5.

- a) Define Rapid Application Development (RAD) and Agile development and explain how they can speed up system-building?
 - b) What are the important factors you would use in evaluating computer hardware and software? Explain why.
- (9+9)**

6.

- a) How do supply chain management systems coordinate planning, production, and logistics with suppliers. Give examples to support your answer.
 - b) Differentiate between various information systems conversion strategies.
- (12+6)**

7.

- Explain following concepts:
- a) Software licenses
 - b) Computer abuse
 - c) SWOT Analysis

(6+6+6)