

Note: Attempt all questions.

Q.1. Answer any four of the following in about 250 words each. (5x4)

- (a) What role do information system play in organization downsizing? explain
- (b) What do you mean by an information economy? explain with example.
- (c) Define information. what are the special characteristics of information?
- (d) Define the term business process with a suitable example.
- (e) How can efficient management of change overcome natural resistance to change?
- (f) In what way information system depend on people? Discuss

Q.2. Answer any four parts; (5x4)

- (a) What do you mean by system approach? Describe with suitable example
- (b) Explain how aristotle's statement "The whole is greater than the sum of it's part". relates to the analysis of system.
- (c) Explain what is meant by factoring and why it is necessary?
- (d) Differentiate among strategic planning, management control and operational control.
- (e) Will information sharing always result in co-ordination or collaboration between processes? explain
- (f) Explain the term total quality management with example.

Q.3. Answer any four parts; (5x4)

- (a) What are the phase and activities of the information system life cycle?
- (b) What question should the feasibility study address? Discuss.
- (c) Describe the role of the information analyst and system designer.
- (d) Explain why the definition phase is the most appropriate time to cope with risk.
- (e) What is DFD? Explain it's various constructs with example.
- (f) Define ER diagram with an example. why ER diagram are used?

Q.4. Answer any four parts; (5x4)

- (a) Differentiate between database and database system with an example.
- (b) Define executive information system(EIS) with example.
- (c) Describe in brief the decision support system.
- (d) Define the following;
 - (i) Groupware system
 - (ii) Office automation system
- (e) How can the value chain be used to identify opportunities to use information system competitively?
- (f) What do you mean by programming language? why would it be especially difficult to program in natural language?

Q.5. Answer any four parts; (5x4)

- (a) What is the difference between ethical issue and legal issues ? Give Example.
- (b) How can information system affect a person autonomy ? Explain.
- (c) Write a short note on CRM.
- (d) What measures can be taken to minimize accidents and computer crime?
- (e) Why is it important to have a disaster plan for information system?
- (f) Write a short note ERP.