

Q.2 a. Explain important trends in today's information systems for business drivers with a neat diagram.

Answer: Refer page numbers from 16 to 22

b. Who are the stakeholders involved in the information system.

Answer: Refer page number 46

c. Write short note on role of the Network Technologies in information systems.

Answer: Refer page number 56

Q.3 a. Explain software development life cycle with an example.

Answer: Refer page numbers from 72 to 76

b. What are the difference between Rapid Application development and Model Driven development strategy?

Answer: Refer page numbers from 98 to 100

Q.4 a. What do you understand by problem analysis phase explain.

Answer: Refer page numbers from 174 to 184

b. What is system analysis approach? Explain model-driven analysis approach

Answer: Refer page numbers from 161 to 163

Q.5 a. Explain briefly user-centered development and use-case modelling. Give benefits of use-case modelling.

Answer: Refer page numbers from 244 & 245

b. Explain the concept relationships that underlie all data models.

Answer: Refer page numbers from 274 to 283

Q.6 a. What is object modelling? Explain the process of object modelling.

Answer: Refer page numbers 370 & 371

b. What is object oriented analysis? Explain object class relationships.

Answer: Refer page numbers from 376 to 378

Q.7 a. Write the user interface design guidelines.

Answer: Refer page numbers 616 & 617

b. Explain question-answer dialogues.

Answer: Refer page number 629

c. What is operating system and web browsers of user interface technology?

Answer: Refer page number 618

Q.8 a. Explain the system of object oriented design.

Answer: Refer page numbers from 648 to 650

b. Compare the differences between strategy pattern and adapter pattern.

Answer: Refer page numbers from 669 to 671

Q.9 a. What is system construction? Give detailed explanation of the implementation phase.

Answer: Refer page numbers 684 and from 689 to 692.

b. Write a short notes on any TWO of the following:-

- (i) System obsolescence**
- (ii) system recovery**
- (iii) technical support**
- (iv) system enhancement**

Answer:

- (i) Refer page number 706.
- (ii) Refer page numbers 709 & 710.
- (iii) Refer page number 710.
- (iv) Refer page numbers 710 & 711.

Text Book

System Analysis and DESIGN METHODS by Jeffrey L Whitten & Lonnie D Bentley, the MCGraw-Hill Seventh Edition.