Level: **Bachelor**

1. What do you mean by system analysis? Explain the system development life cycle with example.
2. What are the system analyst and design tools?
3. Explain the steps in the maintenance process and contrast them with the phase of the systems development life cycle.
4. Differentiate between transaction processing systems (TPS) and management information system (MIS).
5. What do you mean by RAD?
6. Why are good interpersonal communications skills essential for system analysts?
7. What are the roles of CASE in data modeling?
8. Explain the types of information with example and compare each of them
9. Differentiate between Decision support system (DSS) and management information system (MIS)
10. What do you mean by information system? Explain the types of information system with its applications
11. What are the various types of system development life cycle? What is the outcome of each step? Explain.
12. Explain CASE tools and its applications.
13. Mention the key steps of system development life cycle and explain each step with an example
14. What are the types of information system?
15. Define

* Analysis in SDLC
* Systems analyst
* Gantt chart
* Critical path

1. What are CASE tools?
2. Describe each major component of a comprehensive CASE system. Is any component more important than any other?
3. Explain what is meant by Agile Methodologies.
4. When would you use Agile Methodologies versus an engineering-based approach to development?
5. Describe the activities performed by the project manager during project execution.
6. What characteristics must a project have in order for critical path scheduling to be applicable?
7. In which phase of the SDLC does project planning typically occur? In which phase does project management occur?
8. What are some reasons why one activity may have to precede another activity before the second activity can begin?
9. In other words, what causes precedence relationships be-
10. tween project activities?Which of the four phases of the project management pro-
11. cess do you feel is most challenging? Why?
12. 3.35 What are some sources of risk in a systems analysis and
13. design project and how does a project manager cope with
14. risk during the stages of project management?
15. Suppose that you have been contracted by a jewelry store to manage a project to create a new inventory tracking system. Describe your initial approach to the project. What should your first activity be? What information would you need? To whom might you need to speak?
16. What methods can a systems analyst employ to verify vendor claims about a software package?

**Orchid International College**

Subject**: System Analysis & Design**

**Assignment – III (Unit 3)**

1. What are disruptive technologies and how do they enable organizations to radically change their business processes?
2. What is the formula that is used to calculate the number of rules a decision table must cover?
3. How can CASE tools be used to support requirements determination?
4. Which type of CASE tool is appropriate for use during requirements determination?
5. Describe four traditional techniques for collecting information during analysis. When might one be better than another?