

Q:1 Write the Following.

(i)What is Software?Explain with it's types. (7)

(ii)Explain the characteristics of software. (7)

OR

(i)Explain SDLC life cycle. (7)

(ii)Explain project management activity in detail. (7)

Q:2 Write the Following.

(i)Explain waterfall model in detail. (7)

(ii)Explain spiral model in detail. (7)

OR

(i)Explain RAD model in detail. (7)

(ii)Explain incremental model with case study. (7)

Q:3 Write the Following.

(i)Explain requirement gathering technique:formal & informal. (7)

(ii)What is DFD?Explain with various notation & symbols. (7)

OR

(i)Explain Usecase diagram with it's notations & example. (7)

(ii)Explain data dictionary with it's types. (7)

Q:4 Write the Following.

(i)Explain the concept of design. (7)

(ii)Explain the principles of design. (7)

OR

(i)Explain system level design concepts. (7)

(ii)Explain module level design concepts. (7)

Q:5 Attempt any seven out of twelve.

(14)

1. What is Engineering?

2. What is Project?

3. What is Product?

4. What is Process?

5. What is Software Process Model?

6. What is Prototype?

7. What is state transition?

8. List out the component of SRS.

9. Give the difference between Analysis & Design.

10. SRS stands for...

11. What is Event?