

Module-4

- 7 a. What is list driven development? With a neat diagram, explain test driven development process. (08 Marks)
- b. With neat diagram, explain six stages of acceptance testing process. (08 Marks)
- c. What are the different types of interfaces to be tested during component testing? Explain. (04 Marks)

OR

- 8 a. Write and explain Lehman's laws related to system charge. (08 Marks)
- b. What is software maintenance? Draw the general model of reengineering process and explain. (08 Marks)
- c. What are the strategic options involved in legacy system management? Discuss. (04 Marks)

Module-5

- 9 a. For the set of tasks shown below draw the activity bar chart for the project scheduling.

Task	Duration (Days)	Dependencies
T ₁	10	-
T ₂	15	
T ₃	15	T ₁ (M1)
T ₄	10	-
T ₅	10	T ₂ , T ₄ (M3)
T ₆	5	T ₁ , T ₂ (M4)
T ₇	20	T ₁ (M1)
T ₈	25	T ₄ (M2)
T ₉	15	T ₃ , T ₆ (M5)
T ₁₀	15	T ₇ , T ₈ (M6)
T ₁₁	10	T ₉ (M7)
T ₁₂	10	T ₁₀ , T ₁₁ (M8)

- b. Write and explain the factors affecting software pricing. (08 Marks)
- c. Explain briefly the algorithm cost modeling and write the difficulties. (05 Marks)

(07 Marks)

OR

- 10 a. With a diagram, explain the phase involved in software review process. (08 Marks)
- b. Explain briefly the key stages in the process of product measurement. (08 Marks)
- c. Write any four product and process standards. (04 Marks)
