

- Q-5**
- b) List & Explain all Phases of SDLC. (7)
- Attempt all questions**
- a) Explain different Fact Finding Techniques. (7)
 - b) Explain Following. (7)
 - 1. Verification and Validation
 - 2. Open and Closed System.
- Q-6**
- Attempt all questions**
- a) Explain White box and Black box testing. (7)
 - b) Prepare Graphical User Interface (GUI) design for Registration and Sign-in page with its constraints. (7)
- Q-7**
- Attempt all questions**
- a) Explain Activity diagram with its symbols and suitable example. (7)
 - b) Explain INCLUDE, EXTENDS and GENERALIZATION in USECASE diagram. (7)
- Q-8**
- Attempt all questions**
- a) Explain State diagram with suitable example. (7)
 - b) Explain Inception, Elaboration, Construction, and Transition with respect to UML. (7)

