

**Model QP – CSE 1005(SE)**

**Q1. Prepare a SRS Document for the Hospital Management system with the Purpose, Scope, Intended audience, Modules required.etc 10 M**

**Q2. Ola, a taxi service provider wants to extend the its business to healthcare sector by offering ambulance service.Which prescriptive process model would be beneficial to develop the application keeping the existing features intact? Justify your answer with proper arguments. 10 M**

**Q3. Indian Bank, a nationalized bank in India, is planning to launch postpaid payment app for its privileged customers, who have good history of loan repayment. Being a customer, share your requirements to the organization which is entrusted with the development of the automated service for Indian Bank. Further model the requirements with the help of UML diagrams (USE CASE, CLASS, Sequential/Collaboration/Activity Diagrams).10 M**

**Q4. Discuss briefly about the white-boxing testing and how to compute cyclometric complexity for a given program with example 10 M**

**Q5..** **Discuss about the various behavioral testing techniques (black-box testing) and derive the various test-cases for the following scenario: 10 M**

**Let us consider a simple shopping software which having features as follows.**

**Shop for $1000 and get 5% discount**

**Shop for $2000 and get 7% discount**

**Shop for $3000 and above and get 10% discount.**