

SECTION B		
1. Each question will carry 10 Marks 2. Instruction: Write short / brief notes. Make diagrams wherever needed.		
Q 7	Draw the class diagram for a Hospital Management System with some classes. The diagram should contain various relationship types at class level.	CO1
Q 8	Elaborate the task performed at various phases of RUP.	CO2
Q 9	Make a sequence diagram for a hotel room reservation system. System may be operated using a web based GUI. It should handle the reservation for multiple days after checking availability and other constraints.	CO3
Q 10	Draw an activity diagram for online order placing system.	CO3
Q 11	Explain the terms- 'event', 'state' and 'signal'. Elaborate the use of state machine diagram with a suitable example.	CO4
SECTION-C		
1. Each question carries 20 Marks 2. Instruction: Write long answers. Make diagrams wherever needed.		
Q 12	Recognize the use of component diagram. Elaborate its usefulness in modeling the physical aspects of the system. Make a component diagram for a departmental store. <p style="text-align: center;">OR</p> What are nodes? How are they connected with implementation diagrams? Make a deployment diagram for a typical web application.	CO5