

Seat No. : _____

19/4/2023**AJ-122**

April-2023

B.C.A., Sem.-IV**CC-209 : System Analysis & Quality Testing**
(New)**Time : 2:30 Hours]****[Max. Marks : 70**

1. Write the following :

- (i) Explain waterfall model in detail with advantage & disadvantage. 7
- (ii) Explain all fact finding technique in detail. 7

OR

- (i) Explain spiral model in detail with advantage & disadvantage. 7
- (ii) Give brief note on Feasibility Study. 7

2. Write the following :

- (i) Explain all elements of Use case diagram with proper example. 7
- (ii) Give brief note on object & classes. 7

OR

- (i) Explain all elements of Sequence diagram with proper example. 7
- (ii) Give brief note on Inheritance, Association & Dependency in detail. 7

3. Write the following :

- (i) What is an Activity Diagram ? List & explain elements of it. 7
- (ii) Draw an Activity Diagram of Online Shopping as Customer.

Online customer can browse or search items, view specific item, add it to shopping cart, view and update shopping cart, checkout. Customer can view shopping cart at any time. Checkout is assumed to include user registration and login. 7

OR

- (i) Draw a Class Diagram for Information Modeling System for college.

In a college there is more than one course. Each course offers more subject to students. A subject will be offered by only one course. Each course has instructors. Students can enroll in up to 3 subjects and instructor can teach up to 3 subjects. 7

- (ii) Explain generalization, aggregation & composition with example. 7