

C 5503

B.C.A. (Three Year) DEGREE EXAMINATION, OCTOBER/NOVEMBER 2017.

End Semester Examination

Fifth Semester

(Regular/Supplementary)

OBJECT ORIENTED ANALYSIS AND DESIGN

Time : 3 Hours

Max. Marks : 70

PART — A

Answer any FIVE of the following questions. **(5 × 4 = 20 Marks)**

1. What are OOAD and UML?
2. What are associations? Explain.
3. What are UML class diagrams? Explain.
4. Explain about controller.
5. Explain UML state diagrams.
6. What is NextGen POS system?
7. What are domain models and attributes?
8. What are system sequence diagrams?

PART — B

Answer ALL the following questions. **(5 × 10 = 50 Marks)**

9. (a) Explain about united process phases.

Or

- (b) Explain about use case modeling and its relating use cases.

10. (a) Explain aggregation and composition.

Or

- (b) Explain UML activity diagrams and modelling.

Turn Over

11. (a) Explain UML package diagram.

Or

(b) Explain use cases Logical architecture.

12. (a) Explain about GRASP designing objects and responsibilities.

Or

(b) Explain about Applying GoF design patterns.

13. (a) Explain UML deployment and component diagrams.

Or

(b) Explain about UML operations contracts and mapping design to code.
