IV/IV B.Tech. DEGREE EXAMINATION.

First Semester

Computer Science and Engineering

OBJECT ORIENTED SOFTWARE ENGINEERING

(Common for Computer Science and Engineering and Information Technology)

(w.e.f. the admitted batch of 2004–2005)

Time : Three hours   Maximum : 70 marks

Question No. 1 is compulsory.

Answer any FOUR from Questions 2 to 8.

All questions carry equal marks.

1. Answer the following in brief :

   (a) Software architecture

   (b) Use case diagram

   (c) Difference between error and failure

   (d) Rationale management concepts

   (e) Generalization

   (f) Boundary testing

   (g) Client sign-off.

2. What is use case diagram? Draw a use case diagram for a ticket distributor of a train system.

3. What are project organization concepts? Explain each of them with suitable example.

4. Explain various activities involved in object design.

5. Draw a UML diagram to model the requirements of a system.

6. Create class diagram for school information system.

7. What do you mean by test case design? Design a test case using template for check payment process.

8. Discuss the configuration management activities. Illustrate mycarparts system for the activities.

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