

TV153710C

Reg. No:

Name:

B. VOC. DEGREE EXAMINATION, OCTOBER 2016

SEMESTER III - CORE COURSE (SOFTWARE DEVELOPMENT)

VSD3S12TB - OBJECT ORIENTED ANALYSIS AND DESIGN

Time: Three Hours

Maximum Marks: 80

PART A

Short Answer Questions

I. Answer all questions. Each question carries 1 mark

1. What is data abstraction?
2. What is an object?
3. What is software correctness?
4. What is use case?
5. What is process?
6. What is quality?

(6x1 = 6)

PART B

Brief Answer Questions

II. Answer any seven questions. Each question carries 2 mark

7. What is the main advantages of object-oriented development?
8. Define static model?
9. What is association?
10. Different types of attributes?
11. What is data modeling
12. What are the events of classes?
13. What is protocol?
14. What are the characteristics of a bad design?.
15. What is black box testing?
16. What is a test case?

(7× 2= 14)

PART C

Descriptive/Short Answer Questions

III. Answer any five questions. Each question carries 6 mark

17. What is the object oriented SDLC?
18. What do you mean by encapsulation? Give an example of the encapsulation.
19. What is frameworks? Give an example.
20. What is attribute? How do you define attribute for the bank client class?

21. What is the common class strategy?
22. What is Quality assurance test?
23. Explain different Types of modeling?
24. What is Top-down and bottom-up testing?

(5×6= 30)

PART D

Long Essay

IV. Answer any two questions. Each question carries 15 mark

25. Explain software development process with example?
26. Describe UML class diagram with example?
27. Describe different types of inheritance?
28. What is test plan? What steps are followed in developing a test plan?

(2× 15= 30)