Roll No. _____   [Total No. of Pages : 3

CAVIS 350 A-16
BCA VIth Semester Degree Examination
Computer Science
(Software Engineering)
Paper - BCA 6.4

Time : 3 Hours   Maximum Marks : 80

Section - A

Answer all questions. Each question carries 2 marks.   (10×2=20)

1. a) Define software

    b) Define product matrices.

    c) What is requirement elicitation?

    d) What is feasibility analysis?

    e) What is cohesion?

    f) What are types of coupling

    g) What is interface design?

    h) Define object-oriented design

i) Define debugging

j) Distinguish between alpha and beta testing.

Section - B

Answer any **Four** questions. Each question carries **5 marks.**   **(4×5=20)**

2. Describe software characteristics.

3. Explain increment process model.

4. Discuss software requirement analysis. tasks.

5. What is software design? Explain its objectives

6. Discuss blackbox and whitebox testing.

7. Explain regression testing.

Section - C

Answer any **Four** questions. Each question carries **10 marks.**   **(4×10=40)**

8. Explain waterfall model in detail.

9. What is the purpose of feasibility study? Explain the phases and issues involved in feasibility study.

10. Explain the importance of Design phase.

11. Explain object oriented design notations.

12. Write a note on integration testing

13. What is Boundary value analysis? Explain the technique specifying rules and its usage.

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CAVIS 350 A-16   **(3)**