M 9737

Reg. No. : ....

Name : ....

V Semester B.C.A. Degree (CCSS – Reg./Supple./Imp.) Examination, November 2015
BCA – CORE COURSE
5B13 BCA : Software Engineering

Time : 3 Hours

Max. Weightage : 21

SECTION – A

Answer **all** questions. Weightage for a bunch of **four** questions is **1**.

1. In the _____ model, software is incrementally constructed and delivered.

2. _____ is a measure of software.

3. Requirements analysis is usually done by a _____

4. A technique used to analyze and represent complex processing logic is

   _____ **(W = 1)**

5. The outcome of the defenced design stage is known as _____ document.

6. A graphical technique used to represent a system in terms of I/O data and processing is called _____.

7. _____ is used to determine whether the system fully conforms to its requirement specification.

8. _____ aims in identifying all defects existing in a software product. **(W = 1)**

SECTION – B

Answer **any 5** questions. **Weightage 1 each**.

9. Define software.

10. What is phase containment of error ?

11. What are deliverables ?

12. What is structured analysis ?

13. What is cyclomatic complexity ?

14. What is abstraction ?

15. What is beta testing ?

16. What is debugging ?

(5×1=5)

SECTION – C

Answer **any 5** questions. **Weightage 2 each**.

17. Discuss the advantages and disadvantages of the waterfall model.

18. Explain the contents of an SRS.

19. Explain the characteristics of a good design.

20. Describe structured design.

21. Describe data flow testing.

22. Explain system testing.

23. What is functional testing ?

24. Explain an object oriented design strategy.

(5×2=10)

SECTION – D

Answer **any one** question. **Weightage 4** .

25. Explain the activities done in the requirement analysis phase.

(1×4=4)

26. Explain the different levels of testing.

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