M 7113

Reg. No. : .....

Name : .....

V Semester B.Sc. Degree (CCSS – Reg./Supple./Imp.) Examination, November 2014
CORE COURSE IN COMPUTER SCIENCE
5B08 CSC : Software Engineering

Time : 3 Hours Max. Weightage : 21

SECTION – A

Answer **all** questions. Weightage for a bunch of **4** questions is **1**.

1. The _____ phase of software engineering studies the problem or requirements of software in detail.
2. _____ activity manages the changes that are made to software processes.
3. _____ defines a system as a set of objects, which interact with each other by the services they provide.
4. Software architecture and design patterns represent _____
5. _____ is a graphic representation of the flow of data through business functions or processes.
6. _____ testing is used to check the internal structure of the program.
7. _____ testing is performed to determine whether the software meets all the functional, behavioural and performance requirements or not.
8. The way of hiding unnecessary details is referred to as _____ **(2×1=2)**

SECTION – B

Answer **any five** questions. Weightage **1** for **each** :

9. Define software engineering.
10. What is a software process ?
11. What is an object-oriented modelling ?
12. Define abstraction in software design.

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13. What is a test plan ?
14. What is unit testing ?
15. Define modules.
16. What you meant by feasibility ? **(5×1=5)**

SECTION – C

Answer **any five** questions. Weightage **2** for **each** :

17. Explain requirements elicitation.
18. What is data flow testing ? Explain.
19. Describe various types of feasibility.
20. What are the layers of software engineering ?
21. Explain waterfall model ?
22. What are the steps in object oriented analysis ?
23. Explain the components of product engineering processes.
24. What is requirements analysis ? **(5×2=10)**

SECTION – D

Answer **any one** question. Weightage **4** for **each** :

25. Explain the various kinds of system testing.
26. Explain structured analysis and draw a DFD of banking system. **(1×4=4)**

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