



0050075

K19U 2221

Reg. No. : .....

Name : .....

V Semester B.Sc. Degree (CBCSS-Reg./Sup./Imp.)  
Examination, November- 2019  
(2014 Admn. Onwards)

CORE COURSE IN COMPUTER SCIENCE  
5B08CSC : SOFTWARE ENGINEERING

Time : 3 Hours

Max. Marks : 40

SECTION-A

1. One Word Answer (8×0.5=4)
- a) QFD stands for \_\_\_\_\_.
  - b) \_\_\_\_\_ is the measure of degree of interdependence between modules.
  - c) \_\_\_\_\_ test are conducted by customers at their sites.
  - d) \_\_\_\_\_ is a sequence of events that occur in a particular execution of the system.
  - e) An efficient \_\_\_\_\_ is required to produce good quality product.
  - f) Functional requirements are also called \_\_\_\_\_.
  - g) Mistakes made by developers while coding are called \_\_\_\_\_.
  - h) Effort is measured in terms of \_\_\_\_\_.

SECTION-B

Write short note on any **SEVEN** of the following Questions. (7 x 2 =14)

- 2. What is meant by software engineering?.
- 3. What is meant by software process?
- 4. Define requirement elicitation.
- 5. Define FAST.

P.T.O.



6. Define control coupling and external coupling.
7. What is meant by structure chart?
8. Write a note on inheritance.
9. What is the difference between OOA and OOD?
10. Define alpha testing and beta testing.
11. What is meant by DD path graph?

### SECTION-C

Answer any **FOUR** of the following Questions.

(4×3 = 12)

12. What are the characteristics of software?
13. Explain DFD with an example.
14. Write a note on type of design.
15. Explain state, behaviour and identity of an object.
16. Briefly describe boundary value analysis with an example.
17. Explain cyclomatic complexity in detail with an example.

### SECTION-D

Write an essay on any **TWO** of the following Questions.

(2×5 = 10)

18. Explain evolutionary process model in detail.
  19. Discuss feasibility studies in detail.
  20. Discuss module cohesion in detail.
  21. Explain functional modelling in detail with an example.
-