

C 53035 B

B.Com.(CA) DEGREE EXAMINATION, OCTOBER/NOVEMBER 2017.

End-Semester Examination

Fifth Semester

(Regular / Supplementary)

Paper V : SOFTWARE ENGINEERING

Time : 3 Hours

Max. Marks : 70

PART — A

Answer any FIVE of the following questions. **(5 × 4 = 20 Marks)**

1. Explain process and project metrics? Explain.
2. Explain feasibility study and its types?
3. Explain software architecture.
4. Explain Interface standards.
5. Difference between black box and white box testing?
6. Explain various steps in SRS with suitable example?
7. Explain Re-Engineering and software project.
8. Explain RAD and spiral modal?

PART — B

Answer ALL the following questions. **(5 × 10 = 50 Marks)**

UNIT I

9. (a) Discuss about COCOMO II model for software estimation.

Or

- (b) Explain software project scheduling with timing diagram for any given project.

Turn Over

UNIT II

10. (a) Explain the software requirement engineering process with neat diagram.
Or
(b) Explain analysis concepts and principles in software engineering.

UNIT III

11. (a) Explain the cohesion and coupling types with examples?
Or
(b) Explain architectural design and procedural design.

UNIT IV

12. (a) Discuss about user Interface design of a software with an example and neat diagram.
Or
(b) Explain HCI (Human Computer Interaction) with an example?

UNIT V

13. (a) Explain unit testing and integration process with an example.
Or
(b) Difference between integration and validation.
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