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IV Semester B.C.A 5 Degree (CBCS) Examination, September/October - 2022

SOFTWARE ENGINEERING**(Regular)****Time : 3 Hours****Maximum Marks : 80****Instruction to Candidates:****All THREE Sections are Compulsory****SECTION - A****Answer any TEN questions.****(10×2=20)**

1. a) Define software
- b) Define software Engineering
- c) List out the software Quality attributes.
- d) What is validation Testing?
- e) What is RMMM?
- f) What is Risk refinement?
- g) What is object Model?
- h) What is meant by software reliability?
- i) Differentiate between unit Testing & System Testing.
- j) List the different categories of software.
- k) What is Requirements Engineering Process
- l) What is meant by Evolutionary prototyping.

SECTION - B**Answer any FOUR of the following****(4×5=20)**

2. Explain Waterfall Model.
3. Explain software Application Domains.
4. Differentiate between Proactive & Reactive Risk strategies.

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5. Explain Requirement Elicitation & Analysis
6. Explain Requirement Document.
7. Explain software quality Assurance

SECTION - C

Answer any FOUR of the following.

(4×10=40)

8. Explain spiral Model in detail.
 9. Differentiate between Blackbox & Whitebox Testing.
 10. Explain UML Behavioral diagrams.
 11. a) Explain in brief the golden rules w.r.t. user Interface design
b) Explain Risk Management in detail.
 12. Explain Functional & Non Functional Requirement.
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