REVA UNIVERSITY
Bengaluru, India

SCHOOL OF COMPUTER SCIENCE AND APPLICATIONS

Master of Computer Applications

Subject: Software Engineering **Subject Code:M23DE0104**

Question Bank

UNIT 1 & 2

TWO MARKS QUESTIONS:

1. Give two reason why software engineering is important?
2. Explain Software Engineering Ethics.
3. Identify two myths of software development.
4. What is meant by software engineering diversity?
5. Define software requirement engineering.
6. List the various types requirement validation checks.
7. Define Software Engineering. Mention two kinds of Software Product.
8. List any four attributes of good software
9. What is a Software Requirements Document (SRD)?
10. Name two cost estimation models used in software engineering.
11. What is Software Process?

FIVE MARKS QUESTIONS:

1. Explain four fundamental software engineering activities.
2. Why software Engineering is a Layered Technology.
3. Explain Attributes of Good Software.
4. Discuss the IEEE/ACM Code of Software Engineering Ethics and explain its relevance in software development
5. Explain the importance of professional software development and how it contributes to software quality.
6. Explain the Metrics for Non-Functional requirements.
7. Examine the impact of software development myths on project management.
8. Distinguish between Functional and Non-Functional Requirements.
9. Explain MVC Architecture in detail.

TEN MARKS QUESTIONS:

1. Explain in brief about the SDLC model.
2. Illustrate how the Spiral Model helps in risk assessment during software development.
3. Compare and contrast waterfall, Increment, V Model and Prototype models, highlighting their suitability for different projects.
4. Demonstrate how functional and non-functional requirements are defined as per IEEE standards.
5. Apply various requirement elicitation techniques to gather user requirements.
6. Explain: Waterfall Model and Prototype Model.
7. Explain about the processes of requirements Engineering and Requirements Validation.
8. Explain Waterfall and prototype model.
9. Explain the process of preparing the Requirement Specification in detail.
10. Elaborate the various requirement elicitation techniques to gather the user requirements.
11. Illustrate how software engineering concept is applied using the case study of an insulin pump control system.