**Software engineering question paper**

**2019 batch**

1. What are software development problems? Describe

2. Explain and what project planning’s are involved in software development

3. What are various phases of software development life cycle?

4. Explain the CMM? What are different levels of capability maturity model?

5. Explain the Cyclomatic complexity in software development?

6. what do you mean by Debugging? Mention the steps involved in the process of debugging.

7. Write the short note on Data Design?

8. Explain software configuration Management

9. How can we estimate the cost of software using COCOMO Model?

10. What is white box testing and what is the difficulty while exercising it?

11. Discuss software testing strategies. Differentiate between Verification and Validation.

12. What is reverse engineering, how it plays an important role in software development.

13. What is CASE. What are basic building blocks of CASE.

14. Write short notes: a) Test Metrics b) Reverse Engineering

15. Describe the Risk Assessment?

16. Describe the SRS. What is the significance specifying functional requirements in SRS document?

17. Write short note on Black box testing?

18. Describe the SOFTWARE PROJECT ESTIMATION

19. Explain the SOFTWARE METRICS?

**2020 batch**

1. What do you mean by SRS document?
2. What is object oriented design?
3. What is software architecture.
4. What is software testing
5. What are the evolving role of software engineering
6. What is system testing
7. What is CMMI model
8. What is quality management
9. What is the difference between cohesion and coupling
10. What is software design process? Also discuss the importance of software design process in software engineering
11. Various types of COCOMO model. List advantage and disadvantage.
12. What do you mean by software metrics? Discuss types and importance of software engineering
13. What is project planning?
14. What is project scheduling?
15. What is software testing
16. What is RMMM
17. What is the need of software project management and also write its advantage.
18. Explain project scheduling in details.
19. Explain SRS.
20. What are software risk and how to identify various type of risk.