GURU GHASIDAS CENTRAL VISHWAVIDYALAYA, BILASPLUR

Class - Bsc-IV   Semester
Subject: - Software Engineering
Exam-2021-2022

Note:-   Maximum Marks- 70   **Time- 10.00 am- 12.00 am**
Attempt Any 14 Question
Each Question Five Marks

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?