Software Engineering Question Paper

Q1. Define software engineering and its importance. (5 Marks)

Q2. What are the phases of the software development life cycle (SDLC)? (5 Marks)

Q3. Describe different software process models. (5 Marks)

Q4. What is requirement analysis in software engineering? (5 Marks)

Q5. Explain functional and non-functional requirements. (5 Marks)

Q6. What is software design and its principles? (5 Marks)

Q7. Explain the concept of software testing. (5 Marks)

Q8. What are black-box and white-box testing? (5 Marks)

Q9. Describe the concept of software maintenance. (5 Marks)

Q10. What is the difference between verification and validation? (5 Marks)

Q11. Explain risk management in software engineering. (5 Marks)

Q12. What are CASE tools? (5 Marks)

Q13. Describe agile methodology. (5 Marks)

Q14. What is a software prototype? (5 Marks)

Q15. Explain the importance of documentation in software development. (5 Marks)

Q16. What is configuration management in software projects? (5 Marks)