

**G.H RAISONI COLLEGE OF ENGINEERING AND MANAGEMENT,
AMRAVATI
DEPT. OF COMPUTER SCIENCE AND ENGINEERING
QUESTION BANK
SUBJECT: - SOFTWARE ENGINEERING
SEM: - VIII**

Unit No 1

1. Explain the software crises & myths in brief?
2. Explain software engineering with example in brief?
3. Explain software process and process model?
4. Explain linear sequential model in brief?
5. Explain RAD in brief?
6. Explain project management for people and product?
7. Explain WSHH principle in brief?
8. Explain project, process, people and product in brief?

Unit No 2

1. Explain metrics and indicators in software project management?
2. Explain software quality metrics?
3. Explain software project planning in brief?
4. Explain different decomposition technique in software planning?
5. Explain risk projection in software development?
6. Explain RMMM plan in brief?
7. Explain software scope in brief?
8. Explain different methods of risk identification?

Unit No 3

1. Explain project scheduling in brief?
2. Explain different people efforts in brief?
3. Explain EV analysis in brief?
4. Explain software quality concept in brief?
5. Explain SQA plan in brief?
6. Explain software reliability in brief?
7. Explain SCM standard?

Unit No 4

1. Explain system engineering in brief?
2. Explain the difference between business process and product engineering?
3. Explain software prototyping in brief?
4. Explain effective modular design?
5. Explain design model and documentation in brief?
6. Explain requirement analysis in software development?

Unit No 5

1. Explain software architecture in brief?
2. Explain requirement mapping in software architecture?
3. Explain the golden rule in user interface design.
4. Explain different design principle of software .
5. Explain task analysis and modeling in software development?
6. Explain transform and transaction mapping in brief?
7. Explain different design notation in brief?

Unit No 6

1. Explain software testing fundamental in brief?
2. Explain test case analysis?
3. Explain white box testing in brief with example?
4. Explain black box testing with example?
5. Explain strategic approach to software testing?
6. Explain unit testing, integration testing in brief?
7. Explain validation testing and debugging in software testing?
8. Explain technical metrics for software?