

VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
An Autonomous Institute, Accredited by NAAC with A++ grade (3.68/4.00)

B. Tech II Year II Semester, Sessional Examinations-II, JULY, 2024
Software Engineering

(Common to CSE, IT, AIML, DS, AIDS)

Time: 120 Min

DOE: 03-07-2024

Max. Marks: 30M

PART-A

I. Answer the following.

Marks CO BL

1. List out all the quality attributes in design quality?
2. What are the metrics for software measurement?
3. Define Verification and Validation in Testing Strategies?
4. Distinguish between reactive and proactive risk strategies?
5. What is Software Quality Assurance?

2M	4	1
2M	4	1
2M	4	1
2M	5	4
2M	5	1

PART-B

Marks CO BL

II. Answer one question from each unit.

UNIT-III

1. Discuss the different types of design models used in software engineering.

4M 4 2

OR

2. Provide an example of an activity diagram for a hotel reservation system. Describe the activities and the flow of control.

4M 3 3

UNIT-IV

3. What is Black box testing? Discuss in detail about any two testing techniques

8M 4 2

OR

4. Explain the metrics for software quality

8M 4 2

UNIT-V

5. Demonstrate the procedure of Formal Technical Review in detail.

8M 5 3

OR

6. Illustrate RMMM in detail

8M 5 3

*****ALL THE BEST*****