

**Anjuman Islam Janjira Degree College of
Science Murud-Janjira, Raigad-402401
Affiliated to University of Mumbai
As per NEP 2020**

Class: -S.Y.B.Sc C.S	Subject: - Major- Software Engineering
Semester:- IV	Course code: -Major
Exam Event:- Summer 2026	Marks: -30
Date: - 06/03/2026	Duration: - 01:00 Hours

- N.B. – 1 – All questions are compulsory.
2 – All questions have internal choice.
3 – Figures to the right indicate full marks.**



Q1. Answer the following question (2 out of 4)

10

1. Examine the Requirement Engineering.
2. Analyze the Waterfall Model.
3. Describe the Software Process.
4. Illustrate the Layered Technology of Software Engineering and Justify It.

Q2. Answer the following question (2 out of 4)

10

1. Illustrate Time Frame Charts.
2. Explain the Types of Testing Metrics.
3. Describe Cost Estimation Techniques.
4. Discuss SQA.

Q3. Answer the following question. (2 out of 4)

10

1. Demonstrate the Generic Process Model and Outline Its Framework Activities.
2. Summarize the Incremental Model.
3. Evaluate the Role of Software Metrics and Identify Seven Core Metrics.
4. Classify the Types of Architectural Styles.