

**SNJB's Late Sau. Kantabai Bhavarlaji Jain College of Engineering, Chandwad**  
**Department of Information Technology**

Academic Year : 2018-19 (Semester 1)

**Assignment 2**

**Class: BE**

**Marks: 15**

**Subject: STQA**

**Instructions:**

1. Neat diagrams must be drawn where ever necessary
2. Assume suitable data, if necessary
3. Figures within Marks are Full

CO	Blooms Level (1-6)	QN	Questions	Marks	Unit No.
<b>Assignment 1 ( Roll No: 1-25 )</b>					
2	4	1	Explain software process models in detail.	5	4
5	1	2	What is TMM? Explain various levels & benefits of TMM.	5	5
6	5	3	What is Software Process? Explain PSP and TSP in detail.	5	6
<b>Assignment 1 ( Roll No: 25 onwards )</b>					
2	4	1	Explain various Components of the Software Quality Assurance System.	5	4
5	1	2	Explain 7 Quality Management Principles of ISO 9000 Series in detail.	5	5
6	5	3	Explain in detail what is Clean-room software engineering?	5	6

CO	Course Outcome
1	Test the software by applying testing techniques to deliver a product free from bugs.
2	Investigate the scenario and to select the proper testing technique.
3	Explore the test automation concepts and tools and estimation of cost, schedule based on standard metrics.
4	Understand how to detect, classify, prevent and remove defects.
5	Choose appropriate quality assurance models and develop quality.
6	Ability to conduct formal inspections, record and evaluate results of inspections.