

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION)**

**CLASS: B.TECH
BRANCH: CSE**

**SEMESTER: VI
SESSION : SP/2020**

SUBJECT : CS6109 SOFTWARE ENGINEERING

TIME: 1.5 HOURS

FULL MARKS: 25

INSTRUCTIONS:

1. The total marks of the questions are 30.
2. Candidates may attempt for all 30 marks.
3. In those cases where the marks obtained exceed 25 marks, the excess will be ignored.
4. Before attempting the question paper, be sure that you have got the correct question paper.
5. The missing data, if any, may be assumed suitably.

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- Q1 (a) What is software engineering? What are the fundamental software engineering activities? [2]
(b) Elaborate why professional software that is developed for customer is not simply the programs that have been developed and delivered. [3]
- Q2 (a) “Incremental software development could be very effectively used for customers who do not have clear idea about the systems needed for their operations”. Assess the statement. [5]
- Q3 (a) Define project planning. [2]
(b) Examine why the process of project planning is iterative and why a plan must be continually reviewed during the software project. [3]
- Q4 (a) What is risk exposure? How it is measured? [2]
(b) Design a risk management process for software project. [3]
- Q5 (a) Compare functional and non-functional requirement. [2]
(b) Analyse the different user requirements. [3]
- Q6 (a) Highlight the quality of good SRS. [2]
(b) What is Requirement Engineering Process? Elaborate. [3]

:::::: 27/02/2020 :::::M