



NATIONAL INSTITUTE OF TECHNOLOGY , ROURKELA-8
MID SEM. EXAMINATION, 2016

B.TECH...8th .SEM

SUBJECT.....SOFTWARE ENGINEERING (CS-412).....DEPTT CODE...CS

FULL MARKS: 30

Duration of Examination: 02:00 hours

This question paper contains ONE page
--

Answer all Questions.
All questions carry equal marks.
Answers should be specific to the questions.

Q.No.		Marks
1.	Software engineering is a layered technology. Justify?	3 X 10
2.	How do you define the software process?	
3.	With a neat diagram, mention the framework activities in an evolutionary process flow?	
4.	The V-Model is the variation of water fall model. Justify?	
5.	Mention six specific planning principles.	
6.	The requirements model represents customer requirements in three different domains. Justify how with a suitable example?	
7.	Mention three specific principles of coding and testing each separately.	
8.	Draw the use case diagram of a store monitoring system for arming / disarming the store indicating the entities neatly.	
9.	Requirements engineering builds a bridge between design and construction and helps in understanding what customer wants. To justify this, mention the tasks associated with requirements engineering?	
10.	How does communication help in understanding the customer requirements? How do you classify the set of questions asked to the stake holders for requirements gathering and how does the communication starts?	