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JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT  
TEST-1 EXAMINATION- FEBRUARY -2020  
B.Tech VI Semester

COURSE CODE: 18B1WCI633

MAX. MARKS: 15

COURSE NAME: Software Testing Fundamentals

COURSE CREDITS: 02

MAX. TIME: 1 HRS

*Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.*

[CO1] 1. Explain V model and modified V model in detail with suitable block diagram. Why V model is better than waterfall model as far as testing of the product is concerned? Why modified V model is faster than V model? Justify your answer with suitable example. [3+1+1]

[CO1] 2. What do you mean by quality assurance and quality control? Which one corresponds to validation and verification? Which one is product oriented and which one is process oriented? Explain ETVX model with suitable block diagram. [1+1+1+2]

[CO1] 3. What is the need of standards in software engineering? Explain two standards with suitable diagram. What is the correlation between standards related to design of software and testing the software product? [1+2+2]