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JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST-1 EXAMINATION-February, 2020

B.TechVIII Semester

COURSE CODE:18B1WCI833

MAX. MARKS:15

COURSE NAME: Fault Tolerant and Software Design

COURSE CREDITS: 2

MAX. TIME: OneHour

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

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1. Describe various threats and modelling threats for fault tolerant. [4 marks]
2. How dependability comes in existence? Give some examples to explain dependability in relation with fault, error. [4 marks]
3. Explain the relation between failure rate and reliability. [3 marks]
4. Describe CDF and PDF and its relation with respect to random variable. [4 marks]