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JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -3 EXAMINATION- 2021

B.Tech/ M.Tech XX Semester

COURSE CODE: 18B1WCI533   MAX. MARKS: 35

COURSE NAME: Principle of Programming Languages

COURSE CREDITS: 2   MAX. TIME: 2 Hours

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

Q1. (a) What is Exception Handling in Java.   (2)

    (b) What are the advantages of exceptional handling   (2)

    (c) What is the difference between throw and throws   (3)

    (d) Write an example of exceptional handling   (3)

Q2. Explain in detail with the examples of each, the various object oriented programming concepts?   (5)

Q3. What is prolog? Explain with the example   (5)

Q. What is the difference between LISP and PROLOG   (2)

Q. Provide the purpose, users, origin, and applications of various scripting languages?   (5)

Q. What do you mean by Concurrency in Programming Languages?   (3)

Q Use Predicate Logic on the following statements?   (5)

- Marcus was a man.

- Marcus was a Pompeian.

- All Pompeians were Romans.
- Caesar was a ruler.
- Every one is loyal to someone.