

Dr. Himansha Jindal

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST-2 EXAMINATION- OCTOBER, 2019

B. Tech V Semester

COURSE CODE: 18B1WCI533

MAX. MARKS: 25

COURSE NAME: Principle of Programming Languages

COURSE CREDITS: 2

MAX. TIME: One and Half Hour

---

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

---

1. Provide the difference between compilation and interpreters. [3 marks]
2. Explain the various approaches to show the statement execution with an example. [5 marks]
3. Provide storage activation record structure with scope rules. [5 marks]
4. Explain in detail object oriented programming concepts with examples. [5 marks]
5. Describe with an example for derivation of grammar and parse trees with various types of semantics. [7 marks]