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JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST-1 EXAMINATION- September, 2018

B. Tech VII Semester

COURSE CODE: 11B1WCI731

MAX. MARKS: 15

COURSE NAME: Software Agents

COURSE CREDITS: 3

MAX. TIME: One Hour

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

1. State the agents like AGENT0, PLACA and METATEM acting against a query. Explain each of them with its logic and example. (CO1) [3 marks]
2. Distinguish between agent oriented and object oriented approach. Give examples for each of them. (CO1) [3 marks]
3. Solve the predicate logics for the following –
  - (a) People only try to assassinate rulers they are not loyal to.
  - (b) All Pompeians died when the volcano erupted in 79 A.D.
  - (c) All romans were either loyal to Caesar or hated him. (CO2) [3 marks]
4. Describe all types of intelligent agents in detail with examples. (CO1) [3 marks]
5. Explain BDI Architecture with its flowchat and existing real-world example. (CO2) [3 marks]