

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATIONS-2022

B.Tech-IV Semester (CSE/IT)

COURSE CODE: 19B1WCI833

MAX. MARKS: 25

COURSE NAME: INFORMATION MODELING

COURSE CREDITS: 3

MAX. TIME: 1 Hour 30 Min

*Note: All questions are compulsory. Marks are indicated against each question in square brackets.*

- Q. No. 1 Explain the difference in Little, Big, Open, Close Building Information Modeling. 3 Marks
- Q. No. 2 What is the workflow of creating an information model with respect to data modeling? 3 Marks
- Q. No. 3 Create an entity relationship diagram of a shop selling items related to stationary. 3 Marks
- Q. No. 4 What are UML diagrams? What is their role in the information modeling? 3 Marks
- Q. No. 5 Explain the concepts and usage of data modeling in any information modeling system. 3 Marks
- Q. No. 6 List all the Challenges of Data Modeling in AEC/FM modeling systems. 3 Marks
- Q. No. 7 What is workflow management system in process modeling? How it should be constructed for successful information modeling system? 3 Marks

Last question on next page

Q.No.8 Explain the following diagram in detail with reference to process modeling. 4 Marks

