

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATIONS-2022

B.Tech-VI Semester (Civil)

COURSE CODE: 10B11CE614 / 18BIWCE634

MAX. MARKS: 15

COURSE NAME: Transportation Engineering

COURSE CREDITS: 3

MAX. TIME: 1 Hour

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

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- Q1. Make a list of different types of sleepers. What are their advantages and disadvantages? (2)
- Q2. Explain different types of rail sections with their schematic diagram. (3)
- Q3. Explain different types of ballast along with their functions. (2)
- Q4. What do you mean by creep? Explain in detail (causes, effects and preventions). (3)
- Q5. What are the component parts of a turnout? Explain in detail along with their functions. (3)
- Q6. How many types of crossing are there in railway system? Explain with the use of diagram. (2)