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JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION- February 2020

M.Tech IInd Semester

COURSE CODE: 18M1WCE231

MAX. MARKS: 15

COURSE NAME: Planning, Design and Construction of Rural Roads

COURSE CREDITS: 3

MAX. TIME: One Hr

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*Note: Attempt all the questions. Carrying of mobile phone during examinations will be treated as case of unfair means.*

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1. What do you understand by DRRP? Why is it required? Explain ten step of DRRP. (6)
2. Guidelines for design of flexible pavements for low volume rural roads are given in..... While for rigid pavement it is given in..... (1)
3. What are the recommended standards for building and control lines and camber values for different road types? (3)
4. What do you mean by stopping sight distance, superelevation and overtaking sight distance? Explain design procedure along with guidelines of Indian standards in detail. (5)