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JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION- February 2020

B.Tech 8th Semester

COURSE CODE: 11B1WCE834

MAX. MARKS: 15

COURSE NAME: Highway, Construction, Maintenance and Management

COURSE CREDITS: 3

MAX. TIME: One Hr

*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 mean by stopping sight distance, superelevation and overtaking sight distance? Explain design procedure along with guidelines of Indian standards in detail. (5)
2. What are the different weather impacts (i.e. roadway and traffic)? (3)
3. Explain different types of cement based engineering soil. (2)
4. (a) Sub grade thickness of Roman Roads was..... while the large stone slab thickness was..... (1)  
(b) What do you mean by WBM? Explain in detail along with their specification as mentioned by Indian standards. (4)