

Dr Amardeep

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATION- April 2019

B.Tech 8th Semester

COURSE CODE: 11B1WCE834

MAX. MARKS: 25

COURSE NAME: Highway, Construction, Maintenance and Management

COURSE CREDITS: 3

MAX. TIME: 01:30 Hr

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

1. Explain different types of temperature stresses in detail. (3)
2. What are the different types of joints in rigid pavement? Explain in detail along with the specification as per Indian standards. (6)
3. Explain different types of bitumen mixes for pavement construction and their applications. (4)
4. What is lime stabilization? Explain the procedure in detail. (6)
5. (a) Sub grade thickness of Roman Roads was..... while the large stone slab thickness was..... (1)
6. (b) Explain different types of stresses occurred in rigid pavement and their remedies also. (5)