

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT
TEST -1 EXAMINATION- 2016

B.Tech. - IV Semester

COURSE CODE: 10B11CE413

MAX. MARKS: 15

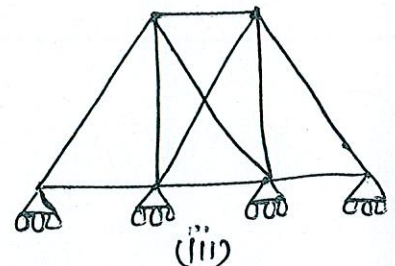
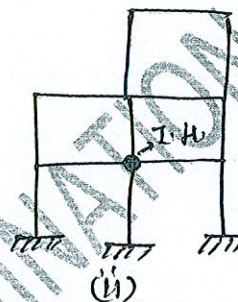
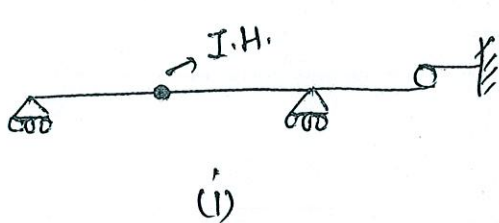
COURSE NAME: STRUCTURAL ANALYSIS

COURSE CREDITS: 04

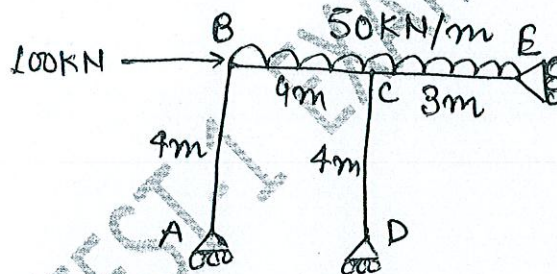
MAX. TIME: 1 HR

Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.

Q.1. Find the Static and Kinematic Indeterminacy of the every structure given below. (5)



Q.2. Find the slope of the given frame at joint E. Assume EI is constant for all members. (5)



Q.3. Solve the given beam and draw the shear force and bending moment diagram for the same. (5)

