C. P. Gautain

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT TEST -1 EXAMINATION-SEP-2018

M.Tech - Ist Semester

COURSE CODE:11M1WCE111

MAX. MARKS:15

COURSE NAME: Advanced Structural Analysis

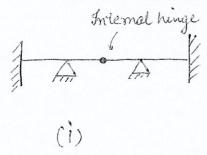
COURSE CREDITS: 03

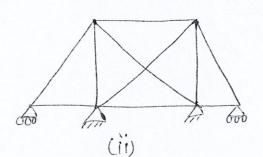
MAX. TIME: One Hour

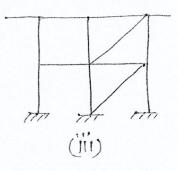
Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.

Q.1. Find the static and kinematic indeterminacy for the following structure.

$$(2+2+2=6)$$







Q.2. Solve the given beam by using FORCE METHOD.

(4)

Q.3. Solve the given frame by using FORCE METHOD.

(5)

