JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION- Feb-2019

M.Tech. (CM) IInd Semester

COURSE CODE: 10M11CE213   MAX. MARKS: 15

COURSE NAME: Construction Cost Analysis

COURSE CREDITS: 03   MAX. TIME: 1Hour

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

Q.1 Explain long wall and short wall method.   **(3.5)**

Q.2. Explain Centre line method in detail.   **(3.5)**

Q.3. Calculate the quantities of the following items for the building shown in fig (1) using Centre line method (a) Earth work in excavation (b) Brick work in foundation and plinth (c) PCC (1: 5: 10) below the foundation (d) Damp Proof Course (e) Brick masonry in CM (1:6) for super structure. Also estimate approximate cost of the building if the building situated in the municipal limits of Shimla HP.   **(8)**

Fig. 1