Abhilan Shulda

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

## M.Tech I Semester

COURSE CODE: 10M11CE112

MAX. MARKS: 15

COURSE NAME: ESTIMATING AND COSTING

**COURSE CREDITS: 03** 

MAX. TIME: 1 HR

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

- 1. What the general rules for measurement are according to IS 1200 1992? (4)
- 2. Prepare in detail the estimate of quantities from plan of one room by centre line method.
  - a) Earthwork in excavation in foundation.

(7)

- b) Second class brick work in foundation and plinth in cement mortar 1:6 mix.
- c) Second class brick work in superstructure in cement mortar 1:6 mix.
- d) Cement concrete 1:5:10 mix in foundations.
- e) Centering and shuttering including strutting, propping etc. and removal of form work.
- f) R.C.C work 1:2:4 mix in lintels

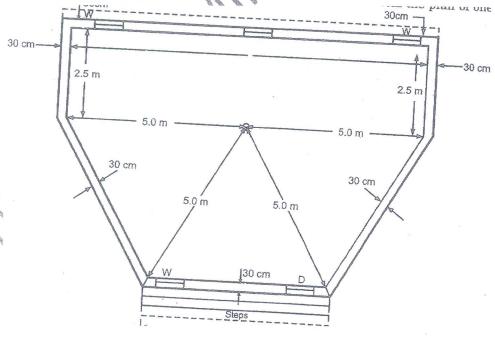


Figure 1 Plan

3. What are the qualities of a good quantity surveyor? Discuss the different items to be estimated their unit of measurement and payment. (4)