

Total No. of Pages : 02

Total No. of Questions : 05

B. Architecture (Sem.-6)

ESTIMATING COSTING & BUILDING ECONOMICS-I

Subject Code : AR-332

Paper ID : [A0937]

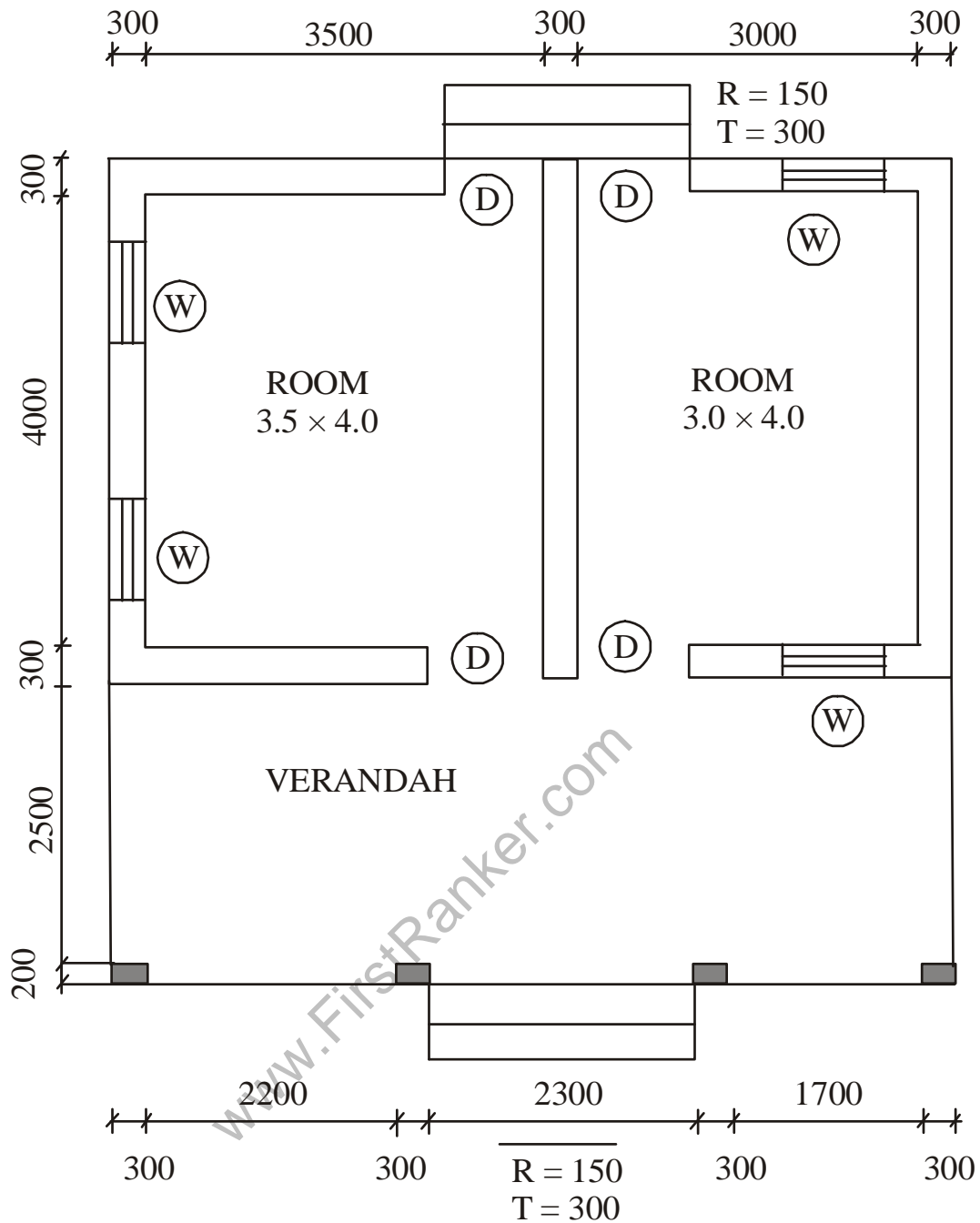
Time : 3 Hrs.

Max. Marks : 50

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FOUR Questions in ALL including Question No. 1 which is COMPULSORY
2. Assume any missing data, and mention the same.

1. Work out the bill of quantities of any two items for the given plan of single storeyed building and assume section by your own :
 - a) Earth work in excavation.
 - b) Brickwork in foundation.
 - c) Brickwork in super structure. (2×10=20)
2. Enlist various types of estimates and explain any two types of estimate in detail. (10)
3. Write Analysis of rates of **Any Two** of the following :
 - a) First class brick work in foundation with 20x10x10(nominal size) bricks with cement sand mortar 1:6
 - b) 2.5 cm cement concrete flooring (1:1 1/2 :3)
 - c) 12 mm thick cement plastering on ceiling 1:3 with coarse sand. (2×5=10)
4. Explain in detail the basic principles of economics applied to buildings and various factor affecting cost of buildings. (10)
5. Explain in detail the process of estimate and also explain the cubic content method of estimate. (10)



GROUND FLOOR PLAN

D = 1000 X 2000

W = 900 X 1200

ALL DIMENSION ARE IN MM.