

GUJARAT TECHNOLOGICAL UNIVERSITY
B.PLAN - SEMESTER-II EXAMINATION – WINTER 2015

Subject Code: 1025503**Date: 02/12/2015****Subject Name: Specification, Estimation and Valuation****Time: 02:30pm to 04:30pm****Total Marks: 50****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

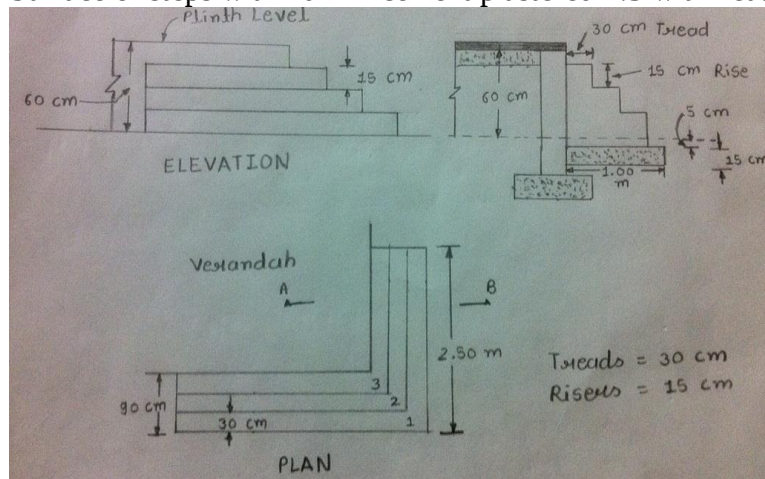
- Q.1 (a) (1) Give types of specification. 06**
- (2) Give types of technical provision.
(3) Give classification of Specification.
(4) What is brevity, the classification of principle of specification?
(5) What is clearness, the classification of principle of specification?
(6) What is accuracy, the classification of principle of specification?
- (b) Define following terms: (Any Four) 04**
- (1) Salvage value
(2) Scrap value
(3) Depreciation
(4) Specification
(5) Outgoings
- Q.2 (a) Write sources of specification and explain it. 05**
- (b) Explain open specification with drawbacks. 05**
- OR**
- (b) Give difference between real property and personal properties. (any five) 05**
- Q.3 (a) Write general specification of cement. 05**
- (b) Write general specification of lime. 05**
- OR**
- Q.3 Write detail specification of earth work. 10**
- Q.4 (a) Write the purpose of valuation and explain it. (any five) 05**
- (b) Write factor affecting changes in market value and explain it. (any five) 05**
- OR**
- Q.4 Write detail specification of electrical works. 10**

Q.5

Estimate of corner step given in fig.

10

Surface of steps with 20 mm cement plastered 1:3 with neat cement rendering.



OR

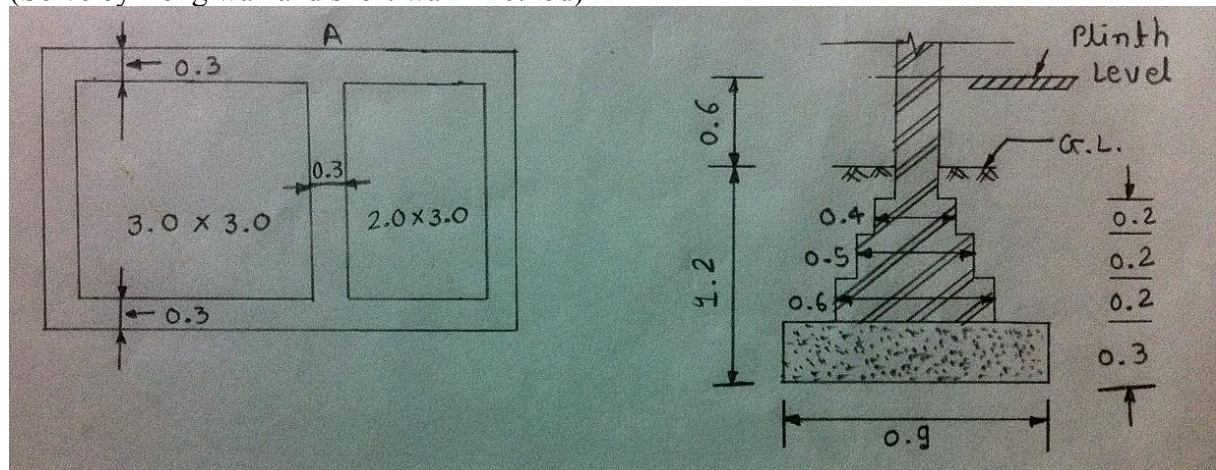
Q.5

The figure shows a plan and section of a building. Calculate quantities of the following items.

10

1. Excavation for foundation in ordinary soil
2. P.C.C. (1:4:8) In Foundation
3. Brick masonry in foundation and plinth in C.M. 1:6.

(Solve by "long wall and short wall" method)



Wall detail at joint A:

