

- (g) The school should have drinking water facility for which pipe lines are to be laid to the length of 220 metres to have connectivity with the main supply line.
- (h) Walls are to be made out of brick and motor with RC roofing.
- (i) One horse power motor has to be fitted to draw ground water for use in the toilets. To get the ground water, a bore has to be made for 120 feet depth.
- (j) Separate toilets are to be made for boys and girls.

Space is not a constraint as the land is given free of cost by a philanthropist Dr. Sundaram on condition that the school is named after his father Shri Ramanathan Pillai.

As the municipal commissioner, you are to call for a tender incorporating all relevant facts mentioned above. Draft a tender notification by converting all the above mentioned facts into technical details.

Register Number :

Name of the Candidate :

5 4 8 2

B.Sc. DEGREE EXAMINATION, 2012

(INTERIOR DESIGN)

(THIRD YEAR)

(PAPER - XXV)

301. ESTIMATING AND BUDGETING

(Including Lateral Entry)

December]

[Time : 3 Hours

Maximum : 60 Marks

SECTION - A (5×3 =15)

Answer any FIVE questions.

ALL questions carry equal marks.

1. What is estimating ? When is it comprehensive?
2. What are the different types of flooring?
3. State the objectives of specifications.
4. State the principles of specifications.

Turn Over

5. 'Quantification is the job of an estimator.'- Elucidate.
6. What are the requirements that an estimator is expected to possess ?
7. What are the sources to ascertain the market price of building materials ?
8. Define 'tender.' What are its advantages ?
9. What are the causes of cost escalations ?
10. What is the importance of budgeting ?

SECTION - B (2 × 10= 20)

Answer any TWO questions.

ALL questions carry equal marks.

11. Explain the methods of costing suitable to various interior works.
12. Write the specifications for flooring and ceiling of a proposed construction work.
13. 'Units, methods and modes of measurement are governed by rules.' - Elaborate.
14. 'A well informed estimator can make a workable budget.' Explain with an illustration.

SECTION - C

Compulsory question carrying 25 marks.

15. As a Commissioner of Chidambaram Municipality, you are provided with the following information :
 - (a) A primary school has to be built within municipal limits.
 - (b) The school should have 5 class rooms and a staff room with an exclusive enclosure to the Headmaster.
 - (c) Each class room has to accommodate 50 students.
 - (d) The staff room has to accommodate 6 teachers.
 - (e) All class rooms and the staff room are to be furnished.
 - (f) The entire campus has to be electrified.

Turn Over