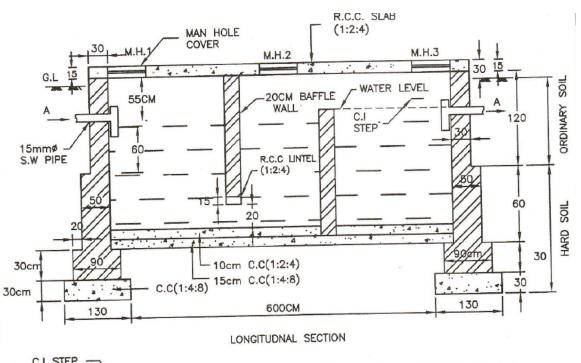
Seat No.:	Enrolment No.

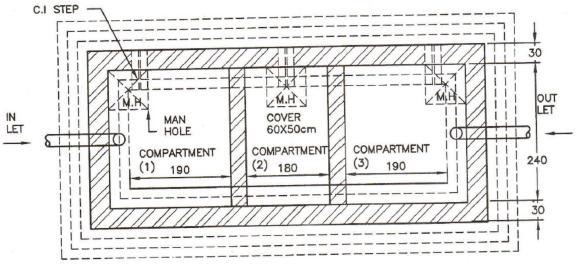
## **GUJARAT TECHNOLOGICAL UNIVERSITY**

**BE - SEMESTER-VI • EXAMINATION - SUMMER 2013** 

շաթյա	ubject Code: 161303 Date: 28-05-		2013
Subje	ect N	Name: Estimation, Specification & Project Management	
<b>Fime</b> :	: 10	.30 am - 01.00 pm Total Marks	: 70
nstruc			
	2.	Attempt all questions.  Make suitable assumptions wherever necessary.  Figures to the right indicate full marks.	
Q.1	(a)	Workout the quantities of following items for construction of Septic Tank from figure 6 1:  1) Excavation 2) Cement concrete (1:4:8) 3) Cement concrete (1:2:4) (slab, lintel and floor) 4) Brick masonry	14
Q.2	(a) (b)	What is specification? Write importance and purpose of specifications.  Write detailed specifications of earthwork in excavation in foundation.  OR	07 07
	(b)	Write detailed specifications of R.C.C work.	07
Q.3	(a) (b)	Write short note on õLump sum contractsö. Write conditions of contract for Arbitration.  OR	07 07
Q.3	(a)	Prepare a tender notice inviting tenders for analytical balance for an educational institution with an estimated cost of Rs.50,000.	07
	(b)	Write short note on õEarnest money and security depositö.	07
Q.4	(a) (b)	Prepare Rate Analysis for 12mm thick plastering. Prepare Rate Analysis for cement concrete (1:2:4).  OR	07 07
Q.4	(a) (b)		07 07
Q.5	(a)	Explain in brief the difference between PERT and CPM network. Explain the circumstance under which one is preferred over the other.	07
	(b)	Define an event and activity. Differentiate clearly between two.  OR	07
Q.5	(a)	What do you understand by a õdummyö? What are its uses?	07
	(b)	Define and explain the following terms.  1) Optimistic time 2) Pessimistic time	07

(P.T.O)





SECTION PLAN AT-'AA'

Fig-1 Septic Tank

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