



UNIT-II

S.No.	Questions	BTL	CO	PO
Part-A(Short Answer Questions)				
1	Estimate the quantities of the following items of a two roomed building from the given room dimensions are 5X6 section given in figure below. Calculate the 1)Earthwork in excavation in foundation 2) cc, footing brickwork	1	2	1
2	Estimate the quantities of the following items of a two roomed building from the given plan and	1	2	1
3	Write limitations of center line method	2	2	1
4	Define estimate	2	2	1
5	Write the short note on CC Bed , DPC, plastering	2	2	1
Part-B(Long Answer Questions)				
6	Explain principal units for various items of work.	2	2	2
7	List out limits of measurement and degrees of accuracy in estimating.	2	2	2
8	What is approximate estimate and explain the importance of approximate estimate.	2	2	2
9	Enumerate purpose of an approximate estimate.	3	2	2
10	List out general items of work for building estimates in detail.	3	2	3

Part-B(Long Answer Questions)				
1	Draw the tabular form for the calculation of earthwork with the following methods. (a) Mid –	1	3	2
2	ordinate method and (b) Mean – sectional area method.	3	3	1
3	2. The formation level at the 10th chainage is 107m and the road is in downward gradient of 1 IN 150	3	3	2

4	up to the chainage 14 and then the gradient changes to 1 IN 100 upward. Formation width of the	3	3	3
5	road is 10m and the side slopes of banking are 2:1.Lenth of the chain is 30m.Estimate the detailed	2	3	3
6	estimation of earthwork for Roads.	3	3	1
7	Draw the tabular form for the calculation of earthwork with the following methods. (a) Mid –	3	3	2
8	ordinate method and (b) Mean – sectional area method.	3	3	3