

1. Give short answers to the following questions: (10)
 - i. What is meant by estimating and why are estimates necessary?
 - ii. What is a bill of quantities?
 - iii. Explain the term 'approximate estimates'. How are they prepared?
 - iv. What is meant by a 'project budget'? How is it prepared?
 - v. Explain the terms 'administrative approval' and 'technical sanction'.

2. How are estimates made for the following? (10)
 - a) A material rate
 - b) Labour rate
 - c) Equipment rate

3. Discuss the estimating procedure in detail. (10)

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