

MANIPAL UNIVERSITY**FOURTH SEMESTER B.A.(ID)/B.DES(ID) DEGREE EXAMINATION – MAY 2016****SUBJECT: BID 212 – QUANTITY ESTIMATING AND SPECIFICATION
(2014 SCHEME)**

Saturday, May 21, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 50

- ✍ **Answer any FIVE of the following.**
✍ **Illustrate with neat sketches and examples wherever required.**

1. What are a detailed estimate and an approximate estimate? What are the factors to be considered while preparing a detailed estimate?
(4+6 = 10 marks)
2. **Define the following:**
 - 2A. Earnest Money Deposit
 - 2B. Liquidated damage
 - 2C. Unliquidated damage
 - 2D. Security Deposit
 - 2E. Quotation(2 marks × 5 = 10 marks)
3. What is rate analysis? What factors do the rate of particular items depend on? Elaborate on them.
(3+7 = 10 marks)
4. Design an aluminum partition of size 3.0m × 2.1m (ht). Specify the components of the partition.
(5+5 = 10 marks)
5. **Write the specification for:**
 - 5A. Flooring (Vitrified Tiles)
 - 5B. Gypsum and Plywood False Ceiling(10 marks)
6. Specify materials and workmanship standards for the following works giving reasons for your choice:
 - 6A. Entrance door for hospital
 - 6B. Flooring for school classroom for nurse kids
 - 6C. Handrail for internal staircase in residence
 - 6D. Bathroom flooring in a college toilet(2½ marks × 4 = 10 marks)

