

GUJARAT TECHNOLOGICAL UNIVERSITY**BE- VIth SEMESTER–EXAMINATION – MAY- 2012****Subject code: 161501****Date: 09/05/2012****Subject Name: Materials Management****Time: 10:30 am – 01:00 pm****Total Marks: 70****Instructions:**

- 1. Attempt all questions.**
- 2. Make suitable assumptions wherever necessary.**
- 3. Figures to the right indicate full marks.**

- Q.1** (a) Explain, 'Material is Money'. **07**
(b) What are the different methods of purchasing generally followed by industrial firms? **07**

- Q.2** (a) Explain the objectives of MM. **07**
(b) Explain in brief, the factors affecting Make or Buy decision. **07**

OR

- (b) 'Reputed suppliers are assets to any organization', discuss. **07**

- Q.3** (a) Assuming yourself to be in charge of stores of a manufacturing organization, discuss what remedial measures you will adopt to minimize the cases of stock run-outs and production hold-ups? **07**
(b) Make comparison of replenishment model with Wilson's and Two-bin model w.r.t. order quantity, use, order time and inventory costs. **07**

OR

- Q.3** (a) What do you understand by materials research? **07**
(b) Discuss the important factors to be considered for vendor rating. **07**
Q.4 (a) Describe the procedure for disposing the surplus and obsolete items. **07**
(b) What are the advantages of good stock keeping and how do they affect the ultimate production? **07**

OR

- Q.4** (a) Show how standardization leads to increasing returns in a factory. **07**
(b) Explain codification with illustration. **07**
Q.5 (a) Write note on spares parts management. **07**
(b) Explain fixed order quantity system and also discuss its advantages and disadvantages. **07**

OR

- Q.5** Explain the meaning, suitability and applications of the following: **14**
a) ABC analysis, b) VED analysis, c) MNG analysis, d) FSN analysis.
