

- Q.31 Explain vendor development and rating.
- Q.32 Explain pricing theory.
- Q.33 Explain any one advanced material handling system.
- Q.34 Classify cranes and explain any one with diagram.
- Q.35 Explain roller conveyer with it diagram.

#### Section-D

- Note:** Long answer Questions. Attempt any two Questions out of three Questions. (2x10=20)
- Q.36 Explain forecasting, types and methods of forecasting.
  - Q.37 Explain the working principle and uses of fork trucks with their diagram.
  - Q.38 Write a brief note on store location, layout and storing methods.

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### Mech. Engg. (Production) Subject : Material procurement & Management

**Time : 3 Hrs.**

**M.M. : 100**

#### SECTION-A

**Note:** Multiple choice questions. All questions are compulsory. (10x1=10)

- Q.1 EOQ stands for
  - a) Exit order quantity
  - b) Economic order quantity
  - c) Economic order quality
  - d) Exit order quality
- Q.2 Powders and liquids are best stored in
  - a) Wire mesh container
  - b) Plastic containers
  - c) Drum
  - d) Open storage
- Q.3 Transportation functionality includes
  - a) Product movement    b) Product storage
  - c) Neither A nor B      d) Both A and B
- Q.4 What is lead time when managing stock
  - a) The time when the stock is ordered
  - b) It is the time of order to the delivery of material
  - c) It is the time when the stock finishes
  - d) It is the time when the manager arrives

- Q.5 Material requisition is meant for \_\_\_\_\_
- Purchase of material
  - Supply of material from stores
  - Sale of material
  - Storage of material
- Q.6 BC analysis is
- At best control
  - always better control
  - Average better control
  - All best control
- Q.7 Which of the following is not an inventory?
- Machine
  - Raw material
  - Finished products
  - Consumable tools
- Q.8 The cost of insurance and taxes and included in
- Cost of ordering
  - Setup cost
  - Inventory carrying cost
  - Cost of shortage
- Q.9 Pneumatic, conveying is done under which of the following condition
- High pressure
  - Vacuum
  - Fluidization
  - Any of the above
- Q.10 The following is supported to the ceiling
- Roller conveyer
  - Belt conveyer
  - Chain conveyer
  - All of the above

### Section B

**Note:** Objective types Questions. All Questions are compulsory. (10x1=10)

- Q.11 What are 5 R's.

- Q.12 Name any two techniques of inventory control.
- Q.13 Bin card is used for \_\_\_\_\_.
- Q.14 Expand FMS.
- Q.15 Define product layout.
- Q.16 ERP stands for \_\_\_\_\_.
- Q.17 Fork lift trucks are used for \_\_\_\_\_.
- Q.18 Define buffer.
- Q.19 Give two examples of direct material.
- Q.20 Define tender.

### Section-C

**Note:** Short answer type Questions. Attempt any twelve Questions out of fifteen Questions. (12x5=60)

- Q.21 Explain make or buy decisions.
- Q.22 Write are the procedures for issuance of material?
- Q.23 Write a short note on codification and standardization of items.
- Q.24 Explain the term economic order quantity.
- Q.25 What is the purpose and function of inventory management?
- Q.26 Explain Scrap and surplus management.
- Q.27 what are the procedure for preparation of tender notice?
- Q.28 Explain the process of purchasing and its objectives.
- Q.29 Write short note on BC analysis.
- Q.30 Explain comparative statement and give a sample format of it.