

S.B. Roll No.....

**PRODUCTION MANAGEMENT**  
**5<sup>th</sup>/Mech/RAC/T&DM/5302/0354/May'16**

**Duration:3 Hrs.**

**M.Marks=75**

**SECTION A**

**Q1. Fill in the blanks.**

**1x15=15**

- (a) \_\_\_\_\_ Production system satisfies individual customer needs.
- (b) Product layout is also called \_\_\_\_\_.
- (c) \_\_\_\_\_ is physical arrangement of machines equipment & other industrial facility on the factory floor.
- (d) Overhead crane is also known as \_\_\_\_\_.
- (e) The main concern of Work Study is to improve \_\_\_\_\_.
- (f) The symbol of O represents \_\_\_\_\_.
- (g) The total time in which a job should be completed at standard performance is known as \_\_\_\_\_.
- (h) ABC Analysis classifies the items in \_\_\_\_\_ categories.
- (i) JIT stand for \_\_\_\_\_.
- (j) The Principle 'Prevention is better than cure' is used for \_\_\_\_\_.
- (k) Value engineering procedure is divided into \_\_\_\_\_ phases.
- (l) \_\_\_\_\_ had done considerable work on value engineering.
- (m) \_\_\_\_\_ material cost include the cost of raw material.
- (n) \_\_\_\_\_ is known as selling price of the product.
- (o) Market Price = \_\_\_\_\_ + Discount.

**SECTION B**

**Q2. Attempt any FIVE questions.**

**5x6=30**

- a) Define planning loading scheduling & Dispatching in connection with P.P.C
- b) What is plant layout? State the advantage of a good layout.
- c) Explain the basic procedure of Work Study.
- d) Describe the objective maintenance & their advantage.
- e) Write short note on Break Even Analysis.
- f) Differentiate between codification & standardization.
- g) What are overhead expenses & give their distribution.
- h) What are factor affecting the site selection of a plant?
- i) Define Value engineering? Explain the various advantage of value engineering.
- j) Explain Ladder of cost.

**SECTION C**

**Q3. Attempt any THREE questions.**

**3x10=30**

- (a) Explain in detail different types of maintenance.
- (b) What do you meant by inspection? Give function and need of inspection. Also explain briefly the planning of inspection?
- (c) What do you understand by value engineering? Explain the value analysis procedure?
- (d) Explain cost estimation and its procedure?
- (e) Explain the following
  - I. Performance Rating
  - II. Allowances