

No. of Printed Pages : 4

Roll No.

030354/1765

5th Sem. / Auto / Mech / G.E. / Prod / T & D

Subject : Industrial Engg.

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note:Very Short Answer type questions. Attempt any 15 parts. (15x2=30)

- Q.1
- a) Define production.
 - b) Enlist any four causes of poor productivity.
 - c) What is plant layout.
 - d) Enlist various types of plant layouts.
 - e) Define work study.
 - f) State the objectives of method study.
 - g) In the process chart symbol 'O' and 'D' represents (i) _____ (ii) _____
 - h) Name the various indirect cost.

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- i) Which material handling devices are used for movement of materials is with in fixed area.
- j) Write the importance of work study.
- k) Name a few job evaluation methods.
- l) Define incentive.
- m) What are individual incentives.
- n) Define overheads.
- o) What is prime cost.
- p) Name the various types of production.
- q) What is routing?
- r) What is Gantt chart?

SECTION-B

Note:Short answer type questions. Attempt any ten parts 10x4=40

- Q.2
- i) Ergonomics, give its concept and advantages.
 - ii) What is the difference between production and productivity.

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- iii) Write down the objects of work measurement.
- iv) What are the objects of P.P.C.
- v) Describe the processes of dispatching and follow up.
- vi) Write a short note on CPM and pert.
- vii) What are the objectives of job evaluation.
- viii) Discuss the advantages of production planning and production control.
- ix) Incentive - give its definition and concept.
- x) What are incentive plans.
- xi) Enlist various recording techniques used in method study.
- xii) Name the steps in which the location of a plant is carried out.
- xiii) State the criterias on which material handling equipment selection depends.
- xiv) Write down the objectives of cost estimation.

- xv) Enlist the main groups into which the overheads may be sub divided.

SECTION-C

Note: Long answer type questions. Attempt any three questions. 3x10=30

- Q.3 Discuss various elements of cost. Draw and explain ladder of cost.
- Q.4 Define production management and discuss its functions.
- Q.5 Define work study and discuss its advantages.
- Q.6 Explain in detail conveying equipments.
- Q.7 Write down some factors which are considered for selection of site for plant location.

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