

- Q.24 What is the role of operator and Inspector in inspection? (CO-5)
- Q.25 Write the benefits of TQM. (CO-4)
- Q.26 Write the Advantages of ISO 9000. (CO-4)
- Q.27 What is the difference between estimating and costing? (CO-5)
- Q.28 Write the importance of productivity. (CO-1)
- Q.29 What is product Demonstration? (CO-5)
- Q.30 Write a short note on ISO 14000. (CO-3)
- Q.31 What are 5S pillars? (CO-4)
- Q.32 What are various types of sampling plans? (CO-3)
- Q.33 What is JIT? Write basic elements of JIT. (CO-3)
- Q.34 Write a short note on Gantt chart. (CO-4)
- Q.35 Write short note on Batch production . (CO-1)

Section-D

Note: Long answer Questions. Attempt any two Questions out of three Questions. (2x10=20)

- Q.36 What are various line balancing problems? Explain in detail. (CO-1)
- Q.37 What are various types of Cost? Explain each type in detail. (CO-4)
- Q.38 What are various methods of Inspection? Explain each in Detail. (CO-5)

Note : The word CO like CO-1, CO-4 etc. Are for office use only.

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6th Sem / Automobile Engineering Subject : Production Engineering

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

- Q.1 The term “Marketing” refers to (CO-5)
- Promotion of the product
 - Focusing on sales and profit
 - Strategizing and implementing the organization process
 - Set of activities to deliver customer value and satisfaction.
- Q.2 _____ is the tool for organizing the workplace in a clean, efficient and safe Manner to inhance productivity and enable standardized working. (CO-1)
- 3D
 - 6 sigma
 - 5 S
 - None of the above
- Q.3 Which of the followings is a production control function? (CO-2)
- Routing
 - Scheduling
 - Loading
 - Inspection
- Q.4 In a manufacturing department, the term 'despatching' describes (CO-2)

- a) Despatch of factory emails
b) Despatch of sales order
c) Despatch of finished products to the user
d) Despatch of work orders through shop floor
- Q.5 Which of the following facts defines the break-even point? (CO-2)
a) Total revenue is less than the total cost
b) Total revenue is the same as the total cost
c) Total profits is more than the total cost
d) The total cost is less than the total cost
- Q.6 Item by item analysis is a (CO-3)
a) Single sample plan
b) Double sample plan
c) Multiple sample plan
d) Sequential sample plan
- Q.7 Selling cost = (CO-4)
a) factory cost + General expenses
b) Prime cost + Factory expenses
c) Total cost + Profit or loss
d) Direct material cost + direct labour cost + direct expenses
- Q.8 What happens when production is shut down? (CO-2)
a) Variable costs become zero
b) Fixed cost increases
c) Variable costs decrease
d) Fixed costs become zero
- Q.9 Process layout is used for (CO-2)

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- a) Job production
b) Batch production
c) Process production
d) Mass production
- Q.10 Variance is the _____ of standard derivation. (CO-2)
a) Square root b) Square
c) Cube root d) None of the above

Section B

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

- Q.11 What do you mean by production? (CO-1)
Q.12 Write one type of sampling plan. (CO-4)
Q.13 PERT stands for _____. (CO-2)
Q.14 What is six sigma. (CO-3)
Q.15 Define fixed cost. (CO-5)
Q.16 What is full form of JIT. (CO-2)
Q.17 What is full form of ISO. (CO-4)
Q.18 What is Pareto chart? (CO-5)
Q.19 Write one benefit of Advertising. (CO-5)
Q.20 Define Inspection. (CO-3)

Section-C

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

- Q.21 What is necessity of planning and control? (CO-4)
Q.22 Write a short note on control charts for variables and Attributes. (CO-2)
Q.23 Explain different types of production. (CO-3)

(3)

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