

- 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)
 a) Promotion of the product
 b) Focusing on sales and profit
 c) Strategizing and implementing the organization process
 d) 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 enhance productivity and enable standardized working. (CO-1)
 a) 3D b) 6 sigma
 c) 5 S d) None of the above
 Q.3 Which of the followings is a production control function? (CO-2)
 a) Routing b) Scheduling
 c) Loading d) Inspection
 Q.4 In a manufacturing department, the term 'despatching' describes (CO-2)
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- Q.5** Which of the following facts defines the break-even point? (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.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) (2) 180361/170361

- 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) 180361/170361