Roll No. ....

6th Sem / Branch : Automobile Engineering
Sub. : Production Engineering

Time : 3Hrs.   M.M. : 100

SECTION-A

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

Q.1 Productivity can be measured in which of the following input resources
    a) Material input
    b) Labour Input
    c) Capital and Land input
    d) All of the above

Q.2 PERT stands for
    a) Program Evaluation and Research technique
    b) Program Evaluation and Review technique
    c) Parametric Evaluation and Research technique
    d) Path Evaluation and Review technique.

Q.3 Normal distribution is also knows as
    a) Poisson distributions
    b) Gaussian distribution
    c) Binomial distribution
    d) None of the above

Q.4 Gantt chart is used for
    a) Production schedule
    b) Inventory control
    c) Equipment handling
    d) Material handling

Q.5 Which of the following comes under the category of indirect labour cost?
    a) Wages of operator making a bolt
    b) Wages of carpenter making a table
    c) Salaries of foreman, supervisor etc.
    d) All of the above

Q.6 Which of the following is not fixed cost?
    a) Insurance premium
    b) Cost of raw material
    c) Rent of the Factory
    d) Interest

Q.7 What do you understand by Marketing buzz?
    a) Social marketing
    b) Traditional marketing
    c) Digital marketing
    d) Viral marketing

Q.8 Actual performance of a task is knows as
    a) Event   b) Activity
    c) Duration   d) None of the above

Q.9 Production layout is used for
    a) Job production
    b) Batch production
    c) Process production
    d) Mass production

Q.10 Productivity can be increased by
a) By increasing the output from the same input
b) By reducing the input for the same output
c) Both A and B
d) None of the above

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)
Q.11 Define variable cost.
Q.12 What is break even point.
Q.13 PPC stands for _____
Q.14 What is full form of CPM.
Q.15 Define sampling plan.
Q.16 What is batch production?
Q.17 What is 5S?
Q.18 Define Six sigma.
Q.19 Define marketing technique.
Q.20 What is Acceptance Sampling?

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
Q.21 What are various line balancing problems?
Q.22 Write the Advantages of ISO 9000.
Q.23 Write the process of calculation of man and machine hours.

Q.24 Write a short note on mass production.
Q.25 What are various stages of production planning and control?
Q.26 What are various types of inspection?
Q.27 Define overheads. Explain different types of overheads.
Q.28 What is ABC analysis? Also writes Advantages of ABC analysis.
Q.29 Write the benefits of Advertising.
Q.30 What is importance of Marketing?
Q.31 Write a short note on Inventory control.
Q.32 What are various types of sampling plans?
Q.33 What are factors Determining consumer behaviour in sales?
Q.34 Write a short note on Statistical Quality Control.
Q.35 Write a short note on Kaizan technique.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
Q.36 What is the difference between estimating and costing. Explain in detail.
Q.37 What is the difference between sales and marketing. Explain in detail.
Q.38 What are various national and international codes in production? Explain ISO 14000 in detail.