

Q.17 Explain the Sinking fund method of calculating depreciation for machinery.

Q.18 Explain various components of cost with reference to product drawing.

SECTION-D

Note: Long answer type questions. Attempt any one questions out of two questions. (1x10=10)

Q.19 What is an ABC control policy? Describe it in detail.

Q.20 Describe the systematic procedure of drawing a breakeven chart.

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4th Year / Advance Diploma in Tool and Die Making
Subject : Production Planning and Cost Estimation

Time : 3 Hrs.

M.M. : 50

SECTION-A

Note: Multiple Choice questions. All questions are compulsory. (5x1=5)

Q.1 Which of the following is a key objective of Production Planning and control (PPC)?

- a) Maximizing Employee Overtime
- b) Optimizing Production Scheduling
- c) Minimizing Equipment Utilization
- d) Increasing Production Downtime

Q.2 We can reduce the materials cost by

- a) Using systematic inventory control techniques
- b) Ordering the materials as and when the need arises
- c) By ordering in bulk quantities
- d) Ordering the material at fixed interval irrespective of need

- Q.3 Routing and Scheduling becomes relatively complicated in
- a) Job production b) Batch production
 - c) Flow production d) Mass production
- Q.4 Fixed cost is a cost
- a) Which changes in total in proportion to changes in output
 - b) Which is partly fixed and partly variable in relation to output
 - c) Which do not change in total during a given period despite changes in output
 - d) Which remains same for each unit of output
- Q.5 The components of the prime cost are
- a) Direct Material + Direct Labor + Other Direct Cost
 - b) Direct Labor + Other Direct Cost + Factory Overheads
 - c) Direct Labor + Factory Overheads
 - d) None of the given options

SECTION-B

Note: Objective type questions. All questions are compulsory. (5x1=5)

- Q.6 Most suitable layout for Job production is:

- Q.7 The study of relationship between the load on hand and capacity of the work centers is known as :
- Q.8 Issuing necessary orders and taking necessary steps to ensure that the time targets set in the schedules are effectively achieved is known as :
- Q.9 A point at which there is neither profit nor loss is known as _____
- Q.10 Depreciation = Cost of asset Scrap value/ _____

SECTION-C

Note: Short answer type questions. Attempt any six questions out of Eight questions. (6x5=30)

- Q.11 Define Productivity. What are the factors affecting productivity?
- Q.12 Differentiate between Job Production, Batch Production and Mass Production.
- Q.13 What is Inventory Control? Explain its importance in an Industrial Undertaking
- Q.14 What are the benefits of an efficient Material Handling system in industry and business?
- Q.15 Define dispatching and follow up process? How is it helpful in Production Control?
- Q.16 Define and distinguish between direct and indirect materials with suitable examples.