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6th Sem /

Branch : Mechanical Engineering/Printing Tech.

Sub. : Estimating and Costing

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 Estimations is done (CO1)
- a) During manufacturing
 - b) Before manufacturing
 - c) After manufacturing
 - d) All of the above
- Q.2 Which one of the following is not a overhead allocation method? (CO2)
- a) Revaluation method
 - b) Machine hour rate
 - c) Man hour rate
 - d) Percentage of prime cost
- Q.3 In which method of depreciation rate of depreciation is even for every year over the useful life of machine? (CO2)
- a) Insurance policy method
 - b) Straight line method
 - c) Sinking fund method
 - d) Annuity charging method

- Q.4 Efficiency of the worker, plant and machine is provided by (CO3)
- a) Estimation
 - b) Depreciation
 - c) Cost accounting
 - d) Financial Accounting
- Q.5 “To plan for the acquisition of assets” this statement is related to (CO3)
- a) Budget
 - b) Capital expenditure
 - c) Current expenditure
 - d) Estimation
- Q.6 Total Cost = manufacturing cost + distribution expenses + _____. (CO4)
- a) Factory expenses
 - b) Capital Expenditure
 - c) Administrative expense
 - d) Sales expenses
- Q.7 Factory cost is the sum of Prime cost and _____. (CO3)
- a) Sales expense
 - b) Distribution expenses
 - c) Factory expenses
 - d) None of these
- Q.8 Examples of indirect materials is : (CO4)
- a) Cotton b) Cutting fluid
 - c) Lubricant d) All of the above
- Q.9 Which one of these is not the cause of idleness of machine. (CO5)
- a) Power failure
 - b) Non availability of raw material
 - c) Poor scheduling of machines
 - d) Lack of supervision

- Q.10 The nut-bolts are made by (CO6)
a) Drop forging b) Drawing
c) Blanking d) None of the above

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Define cost estimation. (CO3)
Q.12 List down the principal element of cost. (CO1)
Q.13 Define costing. (CO1)
Q.14 Define Prime cost. (CO2)
Q.15 What is cash budget? (CO3)
Q.16 Define selling price of a product. (CO3)
Q.17 What is idleness of worker? (CO4)
Q.18 Define depreciation. (CO3)
Q.19 Define handling time. (CO5)
Q.20 Write name of any one foundry loss. (CO6)

SECTION-C

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

- Q.21 Write down the objectives of cost accounting. (CO1)
Q.22 What is cost estimation? What are its function? (CO2)
Q.23 What is the difference between direct and indirect expenses? (CO2)
Q.24 List down the main group into which the overheads may be divided. (CO2)
Q.25 Explain cost estimation procedure. (CO3)
Q.26 Write a short note on miscellaneous allowances. (CO3)

- Q.27 What are various methods of costing? Explain. (CO2)

- Q.28 Explain main elements of costs. (CO1)
Q.29 Write the main features of budget. (CO4)
Q.30 Write the factors which are considered to estimate the time for a milling operation. (CO5)
Q.31 Write the definitions of set up time, machining time, handling time and tear down time. (CO5)
Q.32 Write the advantage of batch costing. (CO5)
Q.33 Enlist the various qualities of a cost estimator. (CO1)
Q.34 Enumerate the calculations of gas welding operations. (CO6)
Q.35 Classify patterns, explain split pattern. (CO6)

SECTION-D

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

- Q.36 What is budget? What are its different types? Explain. (CO4)
Q.37 Calculate the time required for tapping a 2cm diameter hole with 0.3cm pitch tap in a mild steel plate up to depth of 2cm. Take cutting speed as 12m/min. Assume that the return speed of tap is 2 times the cutting speed. (CO5)
Q.38 Explain the calculation in weld cutting cost with a suitable example. (CO6)