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Roll No.....

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**Sem. 6th/ Mechanical Engineering
Sub : Estimating & Costing**

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Multiple Choice Questions. All Questions are compulsory. (10x1=10)

- Q.1 Direct labour is related to _____. (CO-1)
a) Machine setter b) Welder
c) Store keeper d) Maintenance man
- Q.2 Which one of the following helps in calculating the actual cost of manufactured product. (CO-1)
a) Costing b) Estimation
c) Depreciation d) Budget
- Q.3 More Technical knowledge is required in (CO-3)
a) Estimation b) Financial accounting
c) Cost accounting d) Costing
- Q.4 Indirect labour cost is related to (CO-3)
a) Machine setter b) Welder
c) Store keeper d) Maintenance man
- Q.5 The overall financial status of an organization is given by (CO-1)

- a) Cost accounting b) Order book value
c) Budget d) Financial accounting

Q.6 In which method of depreciation interest is charged on the cost of machine every year? (CO-2)

- a) Insurance policy method
b) Straight line method
c) Sinking fund method
d) Annuity charging method

Q.7 An example of variable overhead is _____.(CO-3)

- a) Telephone bills b) Insurance expenses
c) Expenses on tools d) Postal expenses

Q.8 Quality of an estimator is _____. (CO-3)

- a) He should have a knowledge of machine processes
b) Knowledge of Accounts
c) Knowledge of quantity of materials
d) All of the above

Q.9 Which one is not a method of costing? (CO-4)

- a) Job b) Sinking fund
c) Batch d) Departmental costing

Q.10 Which one of the following is not a phase of planning? (CO-6)

- a) Forecasting b) Designing
c) Order writing d) Routing

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Section-B

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

- Q.11 Define cost estimator. (CO-1)
Q.12 Define depreciation. (CO-2)
Q.13 Define batch costing. (CO-3)
Q.14 Define estimation. (CO-3)
Q.15 What is personal budget? (CO-4)
Q.16 What is capital in investment? (CO-4)
Q.17 Define expenses. (CO-4)
Q.18 Define machining time. (CO-5)
Q.19 Define boring. (CO-6)
Q.20 Name any one forging loss. (CO-6)

Section-C

Note: Short answer type Question. Attempt any Twelve questions out of Fifteen Questions. (12x5=60)

- Q.21 Differentiate between costing & estimating.(CO-2)
Q.22 Write a note on rate of return on investment. (CO-1)
Q.23 Write various functions of cost estimating. (CO-2)
Q.24 Explain in detail the overhead expenses. (CO-1)
Q.25 What do you mean by overheads and discuss its types? (CO-3)
Q.26 Discuss various element of cost and ladder of cost. (CO-3)
Q.27 Differentiate between financial accounting and cost accounting. (CO-3)

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Q.28 Write the procedure to calculate material cost.

(CO-4)

- Q.29 Explain the factors upon which cutting speed depends. (CO-5)
Q.30 Define cycle time and give the method of calculating it. (CO-5)
Q.31 Write a short note on shaping and planning operation. (CO-6)
Q.32 Explain the organization of estimating department. (CO-2)
Q.33 Explain miscellaneous allowance which a cost estimator takes in to consideration. (CO-3)
Q.34 Classify patterns, explain cope and drag pattern. (CO-5)
Q.35 Discuss various foundry losses. (CO-6)

Section-D

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

- Q.36 Enlist types of budgets and explain any one of them. (CO-4)
Q.37 Estimate the milling time to cut 60 teeth on a great blank 60mm thick. Take feed as 30 mm/min and overall set up time as 10 minutes. (CO-5)
Q.38 Explain the estimation of cost of foundry shop. (CO-6)

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