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Roll No. /106162

6th Sem / Mech., Printing Tech.
Subject:- Estimating and Costing

Time : 3Hrs. M.M. : 100

SECTION-A

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

- Q.1 _____ is an art of finding the cost which is likely to incurred on the production of an article before it is actually manufactured.
- a) Estimating b) Contracting
c) Costing d) None of the above
- Q.2 What are direct expenses also known as?
- a) Overhead expenses b) Chargeable expenses
c) Sundry expenses d) Major expenses
- Q.3 Which type of costing do toy- manufacturing companies use?
- a) Multiple costing b) Process costing
c) Unit costing d) Batch costing
- Q.4 From which of the following is the need of estimating
- a) To fill up tender inquiries
b) To fix the selling price of the product
c) To calculate the depreciation
d) To fix the variable cost of product

- Q.5 The mechanism of controlling cost through budgeting is called _____.
a) Budget b) Tender
c) Budgetary control d) None of the above
- Q.6 A written offer in the form of a quotation to work and supply materials is called as _____.
a) Tender b) Budget
c) Contract d) None of the above
- Q.7 What is the weight of a rectangular block of a cast iron of 250 cm x 20 cm x 8 cm (density of cast iron is 7.8 gm / cm³)?
- a) 372 kg b) 410 kg
c) 525 kg d) 312 kg
- Q.8 From the following, which is not the type of depreciation?
- a) Physical depreciation
b) Functional depreciation
c) Chemical depreciation
d) Both (A) & (B)
- Q.9 If cutting length is 60 meters and cutting speed is 20 meter /hr, then cutting time is _____.
a) 0.33 hr b) 3 hr
c) 0.66 hr d) 1.5 hr
- Q.10 _____ is the weight of stock of material required to produce a forging.
a) Net weight b) Shape weight
c) Gross weight d) Consumed material

SECTION-B

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

- Q.11 Define cost Accounting
- Q.12 Define Idleness of machine
- Q.13 Define unit costing
- Q.14 Define Allowances
- Q.15 Define Budget
- Q.16 Define Tear Down Time
- Q.17 Define Fatigue
- Q.18 Define Turning.
- Q.19 Define Rate of Return on Instruments
- Q.20 What is Casting

SECTION-C

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

- Q.21 State the functions of cost estimation.
- Q.22 What do you understand by the term overhead expenses. Give any four examples of overhead expenses in a factory.
- Q.23 What are the main elements of cost?
- Q.24 Briefly explain depreciation and obsolescence.
- Q.25 Write the main differences between financial accounting and cost accounting.
- Q.26 Write a short note on Departmental costing.
- Q.27 Write in brief about constituents of job estimates.
- Q.28 Explain the factors upon which cutting speed depends.
- Q.29 Explain the step by step procedure for estimation of weights of materials.

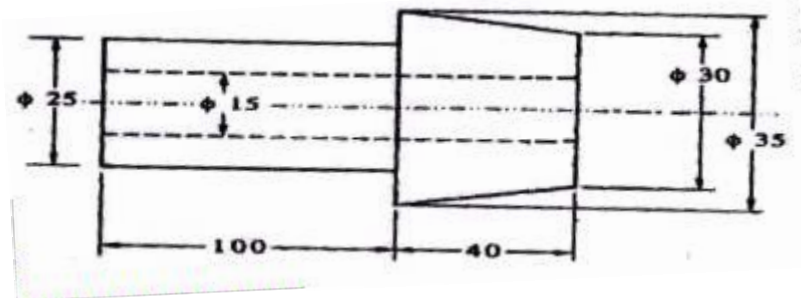
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- Q.30 Define budget and list types of budgets.
- Q.31 How do you estimate time required for threading?
- Q.32 Define the following :
 - a) Fatigue allowance b) Personal allowance
- Q.33 Mention the various costs to be considered to arrive at the total cost of gas welding.
- Q.34 How do you estimate foundry cost?
- Q.35 Define Grinding & explain the types of grinding methods.

SECTION-D

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

- Q.36 Define Depreciation. Explain the causes & any two methods of calculating depreciation.
- Q.37 A product shown in figure below is to be turned from 35 mm diameter and 150 mm long MS bar stock. Calculate the machining time required if depth of cut is not to exceed 5 mm and cutting speed is 20 m/min. Feed is 1 mm/rev. for drilling and facing. feed for turning is 2 mm/rev.



- Q.38 Define Gas welding & its techniques. Explain the procedure of estimation of Gas welding cost.

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