

- Q.32 Write down various benefit of decreasing the set up time.
- Q.33 Differentiate between hot forging & Cold forging.
- Q.34 Define the term pattern. Write a short note on shrinkage allowance.
- Q.35 Explain the various types of flames used in gas welding.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. $(2 \times 10 = 20)$

- Q.36 Estimate the cost of metal sheet for preparing a funnel as shown in figure 1. Assume the stage of metal as 10% and cost of the sheet as Rs 20/m³. All dimensions are in mm.

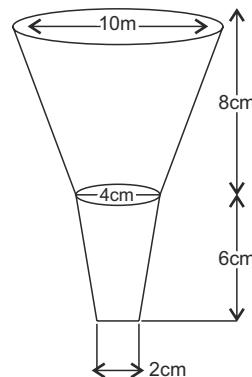


Fig.1

- Q.37 Calculate the length of rod having diameter 20mm which is forged into a ring of mean circumferential diameter of 80 mm. Scale loss is 5%.
- Q.38 Illustrate various elements of cost in determining the price of a product with the help of block diagram.

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5th Sem / Prod. (T & D) Subject:- Estimating and Costing

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory $(10 \times 1 = 10)$

- Q.1 Set up cost does not include.
- a) Labour cost of setting up machine
 - b) Ordering cost
 - c) Maintenance cost
 - d) Cost of processing work.
- Q.2 Select correct cost elements in forging.
- a) Material cost b) Labour cost
 - c) Overhead cost d) All of the above
- Q.3 _____ Allowance is provided for irregular costing.
- a) Machining allowance
 - b) Draft allowance
 - c) Distortion allowance
 - d) Shake allowance
- Q.4 Identify the wrong cost in element of cost.
- a) Labour cost b) Selling cost
 - c) Material cost d) Overhead cost

- Q.5 Factory Cost is equal to _____.
 a) Prime cost + administrative expenses.
 b) Prime cost + selling expenses
 c) Prime cost + distribution expenses
 d) Prime cost + factory expenses
- Q.6 The formula for machine hour rate of depreciation is.
 a) $D=R-C/L$ b) $D=C-L/R$
 c) $D=C-R/L$ d) $D=R-L/C$
- Q.7 Which is not a method of costing?
 a) Batch b) Departmental
 c) Job d) Sinking fund
- Q.8 Direct labour is related to
 a) Store keeper
 b) Machine setter
 c) Welder
 d) Material handling persons
- Q.9 Which is not Component of overhead expenses?
 a) Administrative overhand
 b) Indirect material cost
 c) Welder
 d) Material handling person
- Q.10 High technical knowledge is required in
 a) Cost accounting b) Financial accounting
 c) Estimation d) Costing

SECTION-B

Note: Objective type questions. All questions are compulsory. $(10 \times 1 = 10)$

- Q.11 What is the full form of ROR?
 Q.12 The person who works for preparation of estimate is called as _____.

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- Q.13 Prime cost plus factory overhead or work overhead is known as _____.
 Q.14 Name any two miscellaneous allowances.
 Q.15 Drafting is the next step after the _____ of the product.
 Q.16 Time required to load and unload the work piece is called _____.
 Q.17 Unit costing is also known as _____.
 Q.18 _____ deals with the procurement and material pricing.
 Q.19 A budget is a written form of future _____ plan.
 Q.20 In the carburizing flame, there is excess of acetylene as compared to _____.

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. $(12 \times 5 = 60)$

- Q.21 What is cost accounting?
 Q.22 Define depreciation.
 Q.23 List down any five miscellaneous allowances.
 Q.24 What is the difference between direct and indirect expenses?
 Q.25 Explain straight-line depreciation method.
 Q.26 What is unit cost method?
 Q.27 What are the advantages of batch costing?
 Q.28 Write down some qualities of estimator?
 Q.29 What is the function of cost estimation ?
 Q.30 What are the main features of budget?
 Q.31 Write a short note on budget?

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