

- Q.27 Explain the various qualities of estimator.  
 Q.28 Compare the man hour rate with machine hour rate.  
 Q.29 Explain factors affecting the welding cost.  
 Q.30 Define Estimation. List the reasons for doing estimation.  
 Q.31 How do you estimate foundry cost ?  
 Q.32 Define Production cost and Total cost  
 Q.33 Sketch and define three types of welding joints  
 Q.34 List out various methods of calculating depreciation.  
 Q.35 Define Prime cost and Office overheads.

#### SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)  
 Q.36 Calculate the length of a rod having diameter 24 mm which is forged in to a ring of mean circumferential diameter of 90mm and diameter of cross section equal to 9mm. Scale loss is 5%  
 Q.37 Explain different type of budgets.  
 Q.38 Explain the procedure for casting a product in foundry shop

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**Semester : 5 th**  
**Branch : Prod, T&D**  
**Subject:- Estimating and Costing**

Time : 3Hrs.

M.M. : 100

#### SECTION-A

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

- Q.1 Which of the following is not a phase of planning ?  
 a) Forecasting                      b) Designing  
 c) Order writing                      d) Routing
- Q.2 Overall picture or loss is given by  
 a) Cost accounting                      b) Estimation  
 c) Budget                              d) Financial accounting
- Q.3 Which of these is not a element of cost  
 a) Materials                              b) Labour  
 c) Expenses                              d) None of the above
- Q.4 Which of these is the function of estimating ?  
 a) To determine material cost  
 b) To determine labour cost  
 c) To determine selling price  
 d) All of the above
- Q.5 Which of these is not the cause of depreciation ?  
 a) Idleness                              b) Accident  
 c) Obsolescence                      d) Physical decay

- Q.6 Estimates are based on  
 a) Statistical data      b) Real data  
 c) Experience      d) Knowledge
- Q.7 Which of is not the production overhead ?  
 a) Building expenses  
 b) Plant maintenance  
 c) Water fuel & power  
 d) Administrative overheads
- Q.8 Estimates in foundry shop consists  
 a) Overhead cost      b) Direct labour cost  
 c) Direct material cost      d) All of the above
- Q.9 Which of these is not foundry allowance ?  
 a) Shrinkage allowance      b) Draft allowance  
 c) Checking allowance      d) Distortion allowance
- Q.10 Which is not estimation of pattern cost ?  
 a) Direct material cost  
 b) Direct labour cost  
 c) Direct processing cost  
 d) Overheads expenses

### SECTION-B

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

- Q.11 Estimates improves the thinking skills of the \_\_\_\_\_
- Q.12 Physical and mental work, results in \_\_\_\_\_

- Q.13 Prime cost is the \_\_\_\_\_ of direct material cost , direct labour cost and direct expenses.
- Q.14 Administrative expenses are part of the operating expenses. ( True/ False)
- Q.15 \_\_\_\_\_ deals with the procurements and material pricing.
- Q.16 Total cost of product = Manufacturing cost+-----+-----.
- Q.17 Prime cost= direct material cost = +-----+-----
- Q.18 Hot forging requires the metal to be heated above its ----- temperature.
- Q.19 Machining time is the time for which the machine works on the \_\_\_\_\_
- Q.20 Revenue budget covers all the revenue receipts and expenses of a particular financial year. ( True/false)

### SECTION-C

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

- Q.21 Explain the straight line method of calculating depreciation.
- Q.22 Distinguish between fixed and variable overhead.
- Q.23 Define cutting speed, feed ,, depth of cut for lathe operations.
- Q.24 Explain the types of sheet metal joints.
- Q.25 Explain the pattern allowances.
- Q.26 List the functions of an estimator.