

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Define depreciation. Explain various causes of depreciation.
- Q.24 Differentiate between estimating and costing.
- Q.25 What does gross domestic product (GDP) measure? Explain the Expenditure, Production and Income approaches used to calculate GDP?

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6th Sem / Mech, Mech (Tool & Die Design)

Subject : Estimating and Costing in Mechanical Engineering

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 Which one is not a method of calculating depreciation?
- a) Straight line method
 - b) Simple interest method
 - c) Reducing balance method
 - d) Annuity method
- Q.2 Indirect materials are:
- a) Used to assist in production
 - b) Not consumed in production
 - c) Directly used in the product
 - d) Always included in depreciation

Q.3 “Percentage on book value method” is also known as.

- a) Diminishing balance method
- b) Straight line method
- c) Unit rate method
- d) Sinking fund method

Q.4 For estimating the gas welding cost, which factor should be considered?

- a) Preparation cost b) Finishing cost
- c) Material cost d) All of the above

Q.5 Which of these is element of cost

- a) Materials b) Expenses
- c) Labor d) All of the above

Q.6 Estimation in foundry shop consists of

- a) Direct material cost b) Direct labor cost
- c) Overhead cost d) All of the above

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 What is prime cost?

Q.8 What is capital investment ?

(2)

221764B

Q.9 What are sales expenses?

Q.10 What is idleness of machines?

Q.11 What is current budget?

Q.12 Define organizational time.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Define welding. Explain its different types.

Q.14 Define budget. What are its classifications?

Q.15 Write the procedure to calculate material cost.

Q.16 Write the factors which are considered to estimate the time for a milling operation.

Q.17 What is flash loss in forging?

Q.18 Define punching and drafting operations.

Q.19 What is difference between normal loss and abnormal loss in process costing?

Q.20 Find the time taken to turn a brass component of 4cm diameter and 7 cm long if the cutting speed is 50m/min and feed is 0.4 mm/rev. Assume single cut.

Q.21 How do you estimate foundry cost?

Q.22 What are various causes of depreciation?

(3)

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