

SANT GADGE BABA AMRAVATI UNIVERSITY
BACHELOR OF ENGINEERING SEMESTER VII (CGS) EXAMINATION SUMMER – 2020

H. V. P. Mandal's College of Engineering & Technology, Amravati

Department of Mechanical Engineering

Academic Session – 2019 -20

Semester: - VII

Unit: - I, II, III, IV, V & VI

Date :- 28/10/2020

Subject Name: - Industrial Management & Costing

Subject Code: - 7ME03

Note: - 1. Solve any 2 (Two) Questions out of 4 (Four)
2. All questions carry equal Marks

Q1. A) Discuss the Functions of Management.

03 Marks

Q1. B) From the following data prepare the Balance Sheet for Company XYZ Ltd.

03 Marks

Particulars	Amount (INR)
Cash	1,50,000/-
Account Payable	10,75,000/-
Inventory	5,50,000/-
Creditors	5,25,000/-
Accounts Receivables	4,50,000/-
Long Term Loans	16,00,000/-
Debtors	8,00,000/-
Land	2,50,000/-
Plant and Equipments	20,00,000/-
Share Capital	9,50,000/-
Retained Earning	3,50,000/-
Patents	1,00,000/-
Goodwill	2,00,000/-

Q1. C) Enumerate various steps in personnel selling.

01 Mark

Q1. D) Write List of various methods of purchasing.

01 Mark

Q1. E) Write list of costing elements to be considered while estimating Foundry Cost.

01 Mark

Q1. F) What does Cost and Costing means in accounting?

01 Mark

Q2. A) Describe various stages of Product Life Cycle.

03 Marks

Q2. B) Calculate Prime Cost, Factory Cost, Production cost from following given data

03 Marks

Particulars	Amount (INR)
Raw Material	50,000/-
Direct Labor Cost	14,000/-
Direct Expenses	1,000/-
Works / Factory Overheads	9,750/-
Administrative Expenditure	6,500/-
Selling and Distribution Expenses	3,250/-

Number of Items produced 650 Units and Net profit / item is 10% of the total cost.

Q2. C) List the key principals of Scientific School of Management suggested by F. W. Taylor. **01 Mark**

Q2. D) List the usual methods of training industrial employees. **01 Mark**

Q2. E) Define cutting speed, depth of cut in relation to estimating machining time. **01 Mark**

Q2. F) what do you understand by Fixed Capital? **01 Mark**

- Q3. A)** Discuss ABC Inventory Control Technique. **03 Marks**
- Q3. B)** Distinguished between normal and abnormal waste in manufacturing processes. **03 Marks**
- Q3. C)** Define the term Organizational Structure. **01 Mark**
- Q3. D)** Enlist 4 Ps of Marketing Mix. **01 Mark**
- Q3. E)** Enlist elements of Machining Time Estimation. **01 Mark**
- Q3. F)** What do you understand by term Current Asset? **01 Mark**

Q4. A) Cost of Truck is INR 9,00,000/- resale value after 10 Years is INR 3,00,030/- calculate amount of depreciation to be charged per Year by Sinking Fund Method interest on capital may be taken as 12%

03 Marks

- Q4. B)** Differentiate between Job Costing and Process Costing. **03 Marks**
- Q4. C)** Write list of needs describe by Maslow in his famous theory of hierarchy of needs **01 Mark**
- Q4. D)** Define Term Advertizing. **01 Mark**
- Q4. E)** Define Material Management. **01 Mark**
- Q4. F)** Enlist different types of forging losses considered while estimating Forging Cost **01 Mark**
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