

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI**

**Summer Examination 2020**

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

**Department of Electronics and Tele Communication Engineering**

**Bachelor of Engineering Sem: - IV**

**Subject Name: - Industrial Management & Quality Control**

**Subject Code: - 4XT04**

**Instructions: -**

**1. Solve any 2 (Two) Questions**

**2. All questions carry equal Marks**

**Q1. A) Discuss the Functions of Management. 01 Credit Point**

**Q1. B) Enumerate various steps in personnel selling. 02 Credit Point**

**Q1. C) Discuss functions of trade Union. 02 Credit Point**

**Q1. D) From the following data prepare the Balance Sheet for Company XYZ Ltd. 01 Credit Point**

<b>Particulars</b>	<b>Amount (INR)</b>
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. E) Explain the sampling inspection 02 Credit Points**

**Q1. F) Discuss unique point of Quality Circle as quality control techniques 02 Credit Points**

**Q2. A) Discuss Maslow's Need hierarchy Theory of Motivation. 02 Credit Points**

**Q2. B) Discuss classification of Material 01 Credit Points**

**Q2. C) List the usual methods of training industrial employees and explain anyone. 02 Credit Points**

**Q2. D) Calculate Prime Cost, Factory Cost, Production cost from following given data 01 Credit Points**

<b>Particulars</b>	<b>Amount (INR)</b>
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. E) Explain the elements of Quality. 02 Credit Points**

**Q2. F) Discuss elements of Total Quality Control – TQM 02 Credit Points**

<b>Q3. A)</b> Define the term Organizational Structure with illustration.	<b>02 Credit Points</b>
<b>Q3. B)</b> State objectives of Marketing Research.	<b>01 Credit Points</b>
<b>Q3. C)</b> Discuss various steps involved in selection process	<b>02 Credit Points</b>
<b>Q3. D)</b> Explain the budget and types of budget	<b>02 Credit Points</b>
<b>Q3. E)</b> Explain Quality Audit System	<b>02 Credit Points</b>
<b>Q3. F)</b> List benefits of ISO Standards and its registration	<b>01 Credit Points</b>
<b>Q4. A)</b> Explain various barriers in communication	<b>01 Credit Points</b>
<b>Q4. B)</b> Discuss 4 Ps of Marketing.	<b>01 Credit Points</b>
<b>Q4. C)</b> Discuss functions of personnel Management	<b>02 Credit Points</b>
<b>Q4. D)</b> What is ratio analysis? Discuss any two financial ratios	<b>02 Credit Points</b>
<b>Q4. E)</b> List and explain any two Seven Quality Control – 7QC Techniques	<b>02 Credit Points</b>
<b>Q4. F)</b> What is kaizen Technique? Explain	<b>02 Credit Points</b>

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