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**BTECH**  
**(SEM VIII) THEORY EXAMINATION 2024-25**  
**QUALITY MANAGEMENT**

**TIME: 3 HRS****M.MARKS: 100****Note:** Attempt all Sections. In case of any missing data; choose suitably.**SECTION A****1. Attempt all questions in brief.****2 x 10 = 20**

Q No.	Question	CO	Level
a.	State the dimensions of Quality?	1	K2
b.	What do you mean by Procurement?	1	K1
c.	What are the basic causes of the apparatus error?	2	K1
d.	State the role of team leader in an organization?	2	K2
e.	What are the limitations of a basic C-Chart?	3	K1
f.	What is the use of Ishikawa diagram and Pareto chart?	3	K1
g.	What is zero defect?	4	K1
h.	Define MTTR.	4	K2
i.	Write any four steps in implementation of quality management system.	5	K2
j.	What are the limitations of JIT?	5	K1

**SECTION B****2. Attempt any three of the following:****10 x 3 = 30**

Q No.	Question	CO	Level
a.	What do you mean by evolution of quality control? Discuss with suitable example.	1	K2
b.	Differentiate between the term warranty and guarantee. How the claims are being analyzed ?.	1	K2
c.	What are control charts? Discuss with examples.	3	K2
d.	Elaborate house of quality using a schematic diagram.	2	K2
e.	Define the reliability. What are its objectives and how we can evaluate reliability of a product? Explain in detail.	4	K2

**SECTION C****3. Attempt any one part of the following:****10 x 1 = 10**

Q No.	Question	CO	Level
a.	Human factor is the most important element in Quality of Product. Justify it.	2	K2
b.	List the various procurement procedure in detail with a neat flowchart.	1	K1

**4. Attempt any one part of the following:****10 x 1 = 10**

Q No.	Question	CO	Level
a.	Write a note on the organization structure and design of quality management.	2	K2
b.	Enumerate the various steps to be taken in the planning of cost reduction programs.	2	K1

