

	b) State the guidelines for equipment designers to improve safety in maintenance	05
	c) State the various heating sources for industrial HVAC	04
Q-4		(14)
	a) What points should be kept in mind to build an effective organisation?	05
	b) Explain Failure rate Vs Time with neat sketch	05
	c) State the demerits of Life cycle costing	04
Q-5		(14)
	a) Explain sub-division of Pareto chart with appropriate example	06
	b) List the important principles of plant layout	04
	c) State the thumb rule for REL chart preparation	04
Q-6		(14)
	a) Describe the importance of each pillar in TPM organizing structure in detail	08
	b) State the legal provisions for worker safety and health in industries	06
Q-7		(14)
	a) Explain steps approach to Life Cycle Costing Implementation	08
	b) State the differences between online and offline CM System	03
	c) Explain the quantitative decision making maintenance system	03
Q-8		(14)
	a) State the prevention against chemical hazards	05
	b) State the technique used for detecting the condition & performance of equipment	05
	c) What is meant by the 80/20 rule ?	04

