22612

	Ho	2 ours / 70 Marks Seat No.
Instructions – (1) All Questions are Compulsory.		
		(2) Answer each next main Question on a new page.
		(3) Illustrate your answers with neat sketches wherever necessary.
		(4) Figures to the right indicate full marks.
		(5) Assume suitable data, if necessary.
		(6) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.
		Marks
1.		Attempt any <u>FIVE</u> of the following. 10
	a)	State different standards referred by piping engineer (any four)
	b)	Define thermal expansion and thermal conductivity.
	c)	List any four accessory materials used for insulation of pipe.
	d)	State types of heat tracing system.
	e)	List various piping installation work.
	f)	Define pipe rack spacing.
	g)	Give different fundamentals of design codes in Pipe.
2.		Attempt any <u>THREE</u> of the following. 12
	a)	State selection criteria of design code for piping.
	b)	Explain functions and properties of gasket.
	c)	Explain heat loss through insulation.
	d)	Write about different types of gaskets and their selection.

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Marks