Registration no:															
Tota	l Nu	mber of Paç	ges: 2		210			210 21					210	<u>B.Tecl</u> PEMT5302	
210		5 th Sc	emes		IINE	RAI ANCI Tin	L PR H(S): ne: 3	ROC MET B Ho	ESS TTA,N ours	IMN			16-17	210	
Aı	ารพ	er Questic The fig			whic	Q.C h is		E: Y npu	400 Isor			•			ne rest.
Q1 ₂₁₀	a) b) c) d) e) f) g) h)	Answer the What are dressing? Name two to Define the to What are did What is cycon The number In a ball mill What are techniques? Define screwhat is gring.	the description of the descripti	esira Dry "thro netic Nan in a wea weartic	ers upat" a cand ne dife 200 ring cole s	phys nd "tl para fferer mesl of bal izes	for dr hrow' mag nt typ h siev lls is suita	rying " in c netic es of ye inc comp	in mi rushii mate cyclo dicate pensa	neral ng erials ones es ho eted?	prod ? used w ma	d in many o	ng. nineral pening	indus js?	(2 x 10)
Q2 210		What do you expression the size of t	for Cri	itical	l Spe	ed o	f ball		•	,					(2+4+4)
Q3	a)	What is Findustrial creach class.	ushers												(5)
210	b)	Given an achelp of a ne				iple c	of ope	eratic 210	n of	a Bla	ake C	Crush	er with	the 210	(5)
Q4	a)	What is the	basic	prin	ciple	of fro	oth flo	oatat	ion pi	roces	ss? V	Vhat a	are the	e ore	(5)

minerals, suitable for concentration by froth floatation process?

heavy media separation with reference to coal washing.

What is heavy media separation? Mention fluids which are used in

(5)

210	a)	separation?				_	(5)				
	b)	Classify magnetic separators. Mentio fine materials treat	n the merit of		•		(5)				
Q6	a)	What is the basic sintering in ferrous		sintering? Dis	scuss the applic	cation of	(5)				
	b)	What do you mean briquettes in metall		ration? Discus	ss the use of pe	llets and	(5)				
Q7		Explain with a nea	at flow sheet	the beneficiati	on of lead-zinc	sulphide	(10)				
210 Q8	a) b)	Write short answer	all mill	²¹⁰	210	210	(5 x 2)				
	c)	Applications of Palletization technique.									
	d)	Electrostatic Separator.									
210		210	210	210	210	210					
210		210	210	210	210	210					