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210 A1	nswe	r Question I The figu		N SEF BR Ti M Q. hich i	PARAT ANCH ime : 3 ax Mar .CODE is com jht-han	ION T : CHE Hours ks : 7 : C53 pulso id ma	ECH M s 0 2 ry an rgin i	NIQU nd an indic	JES ay Fl	IVE ma	from		210
Q1.	(a) (b) (c) (d) (e) (f) (g) (h)	Answer the Name a mer What is glass How much p Why is nano State the MW What is the colon which state Show the propervaporation Define limiting What is the result of the state of the stat	nbrane p s transition ressure i filtration VCO ran driving fo e of poly ofile for n. g curren	on tensis required solutions for the solution tension	es in which in peratural in the control in the cont	ch pha re ? desalii s loose mbran s ? rption dient i	nate very RO of gas inside	vater? s take	? es pla men	210 ace nbra	? ne dui		(2 x 10)
Q2.		Discuss in membranes.		ne_m	icro po	rous, ₂	asym	metri	c, a	and 210	inorga	anic	(10)
Q3.		Discuss in nanofiltration		•	aramete	rs aff	ecting	, the	pe	rforr	nance	of	(10)
Q4.		Discuss the	mportan	t appl	ications	of ultr	afiltra	tion ir	n det	tail.			(10)
Q5.		Discuss in de	etail the t	factors	s affecti	ng gas	perm	neatio	n.	210			(10)
Q6.		Discuss the a neat diagra	basic op							prc	cess v	with	(10)
Q7.	(a) (b)	Briefly discus		•			•						(5) (5)
Q8. 210	(a) (b) (c) (d)	Write short Advantages Concentration Cross-flow in Hemodialysis	of memb n polariz nicrofiltra	rane ation		es ²	10			210			(5 x 2)