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Total	Number of	Pages : 0	<b>)1</b>		210		210	<sup>210</sup> DE	B.Teo EBT53	
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210	Answe			nich is co	mpuls	ory and	l any⊧five f dicate mai	rom the rest. rks.		
Q1.	<ul><li>Answer the following questions :</li><li>a) What do you mean by nano-science?</li></ul>								(2 x 1	
210	<ul> <li>c) What a</li> <li>d) Give so</li> <li>e) What is</li> <li>f) Write d</li> <li>g) What is</li> <li>h) Give so</li> <li>i) What d</li> </ul>	ome examples chemical v own two bio the princip ome example	o acids tha les of DNA apour dep ological ap le of SEM les of MTE n by bottor	A-Nanostru position? plications ? ? ? n-up appro	ctures. 210 of quant	um dotsʻ	protein stru <sup>210</sup> ? n with exam	210		
<b>Q2.</b> 210	interfac b) What a	e.2Give an	account of	forces go	verning	these int	erfacial inte	the nano-bio ractions? 210 netosome with	(5) (5)	
Q3.		5,11,5							(5 (5	
<b>Q4.</b> 210		the proces nanobiose						anobiosen <u>s</u> ors.	(5 (5	
Q5.		ntiate betwe nce betweer			self-orga	anization	1?		(5 (5	
Q6.	a) Define nano-tu		io-tube? B	riefly expla	ain type	s and va	arious prope	erties of carbon	(5	
		nanotechno	ology usef	ul in destro	oying tur	nours of	cancer?		(5	
Q7. <sup>210</sup>		be briefly at ed in drug d						nanomaterials	(10	
Q8.				TWO :					(5 x	