2.	Discuss the different types of r	adioactive	No. of Printed Pages: 02	Roll No
	decays with example.	20		
3.	Explain the following: 20		CC-207	
	(a) Characteristics of X-rays		M. Tech. EXAMINATION, May 2018	
	(b) Generation and detection of X-rays.		(Third Semester)	
4.	Discuss about X-ray films and significance of		(Re-appear Only)	
	mA and KV in X-rays systems.	20	(BME)	
5.	Explain the internal and external dosimetry		BME619	
	with their significance.	20	DIAGNOSTIC IMAGING AND RADIATION	
6.	xplain the process of isotope generation and		BIOLOGY	
	the equipments involved.	20	Time: 3 Hours]	[Maximum Marks : 100
7.8.	Describe the physics of ultrasound and its suitability in diagnosis.	20	Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this	
0.	Elaborate the generation of ultrasound waves with the help of block diagram. 20		regard, will be entertained after the examination.	
	with the help of block diagram.	20	Note : Attempt any <i>Five</i> questions. All questions carry equal marks.	
			1. Explain the atomic properties of atomic	structure along with the particles. 20
M-(CC-207 2	20	(3-23/9) M-CC-207	P.T.O.