THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0122]

JANUARY 2022 (OCTOBER 2021 EXAM SESSION)

Sub. Code: 2316

M.Sc. NUCLEAR MEDICINE TECHNOLOGY SECOND YEAR (From 2019-2020 onwards) PAPER VI - HEALTH PHYSICS AND & RADIATION PROTECTION Q.P. Code : 282316

Time: Three hours	Answer ALL Questions	Maximum: 100 Marks
I. Elaborate notes on:		$(2 \ge 20 = 40)$
 Explain in detail a Duties of NM T Responsibilities Responsibilities 	echnologist s of RSO	
-	bout the ste management in NM lab paredness in nuclear medicine	
II. Write Short Note	s on:	(10x6=60)
 Committed Dose. Dose reciprocity the second se	adiation injuries. procedure.	

- 6. Sterilization methods.
- 7. Principle of Asepsis.
- 8. Misadministration of I131 10mCi radiopharmaceutical to a patient Management.
- 9. AERB recommended dose limits for radiation worker & public.
- 10. Transport index of a radiopharmaceutical.
