No. of Printed Pages: 2

BAHI-057

00101

B.Sc. IN MEDICAL IMAGING TECHNOLOGY (BMIT)

Term-End Examination December, 2017

BAHI-057 : QUALITY ASSURANCE AND RADIATION PROTECTION IN RADIOLOGY			
Time: 3 hours		Maximum Marks: 70	
Note	e: There are Eight question questions. Question Compulsory .	•	•
1.	Discuss the radiation safety measures in an X-Ray room.		
2.	Explain the measures you will take for the radiation safety of pediatric patients.		
3.	Discuss in detail about the Cardinal Principles of Radiation Protection.		
4.	Explain the terms AERB, ICRP and RSO along with role played by them in Radiology. 1+1+1+5=8		
5.	Enlist various test tools coassurance kit. Describe one		Quality 4+4=8
6.	Describe the structure of step use for various QA tests in I	o wedge. E Radiology.	xplain its 3+5=8

- 7. Describe the radiation injuries in diagnostic 8 radiology along with steps to avoid them.
- 8. Write short notes on any five of the following:
 - (a) TLD badge. 5x6=30
 - (b) Lead aprons.
 - (c) Multimeter.
 - (d) Densitometer.
 - (e) Warming up procedure for CT.
 - (f) Periodical maintenance.
 - (g) Maximum permissible dose for radiation Workers and Public.
 - (h) Stochastic and Deterministic effects with examples.