QP Code: 101188	Reg. No.:
P.G. Diploma E	examinations in Medical Radiotherapy (DMRT) April 2019
	Paper I – Radiation Physics
Time: 3 hrs	Max marks: 100
	Answer all questions Draw diagram wherever necessary
Essay:	(20)
•	ection of photons and electrons by a medical linear accelerator. niques of image guided radiotherapy.
Short essays:	(8x10=80)
2. Permanent seed brac	chytherapy
3. Extreme hypo fraction	nation
4. Compton effect	
5. Principles of intensity	modulated radiotherapy
6. Beam modifying devi	ces
7. Compare and common brachytherapy.	nent on iridium and cobalt source used for high dose rate
8. Penumbra	
9. Integral dose	
