



MBL-5124

Seat No. _____

M. D. (Branch - XV) Examination

April / May - 2018

Radiotherapy : Paper-III

Time : 3 Hours]

[Total Marks : 100

Instructions :

- (1) Write legibly, no marks are given for unreadable material.
- (2) Figures to the right indicate full marks.
- (3) Answer to the point.
- (4) All questions carry equal marks.

- 1 Discuss the role and technique of irradiation in GBM. **20**
Describe the usefulness of TMZ in its Management.
- 2 Describe indications, techniques, results and complications **20**
of chemo-radiation in carcinoma esophagus.
- 3 Discuss the staging of carcinoma nasopharynx. Describe the **20**
volume and portal for irradiation of carcinoma nasopharynx.
- 4 Attempt both (a) and (b) : **20**
(a) Principle and role of IMRT in treatment of prostate cancer.
(b) Role of radiation in Wilm's tumor.
- 5 Write short notes on any **four** : **20**
(a) Pre, intra & post radiation care.
(b) Brachytherapy & organ preservation.
(c) Tomotherapy.
(d) Prophylactic cranial irradiation.
(e) Radiation bystander effects.