

**QP Code: 102188**

**Reg. No.:.....**

**P.G. Diploma Examinations in Medical Radiotherapy (DMRT) May 2017**

**Paper II – Pathology**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions*
- *Draw diagrams wherever necessary*

**Essay: (20)**

1. Define malignancy. Characteristics of benign and malignant neoplasms. Classify tumours according to radiation sensitivities and its usefulness in radiotherapy.

**Short essays: (8x10=80)**

2. Fine needle aspiration cytology.
3. Tumour markers.
4. Tissue banking.
5. Cancer vaccine.
6. Carcinogenesis.
7. Hodgkin's disease.
8. Immunohistochemistry (IHC)
9. Retinoblastoma.

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