

**QP Code: 102188**

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

**P.G. Diploma Supplementary Examinations in Medical Radiotherapy  
(DMRT) October 2018**

**Paper II – Pathology**

**Time: 3 hrs**

**Max marks: 100**

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

**Essay: (20)**

1. Discuss in detail the staging and pathology of breast cancer and discuss on the multimodality management of breast cancer with special emphasis on radiation therapy techniques.

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

2. Pathology of Hodgkin's lymphoma
3. Pathology and classification of ovarian tumours
4. Aetiology of cancer
5. Serum tumour markers
6. Salivary gland tumours pathology and staging
7. Pathophysiology of acute radiation and late reactions in head and neck region
8. Testicular tumours
9. IHC – immunohistochemistry - its role in pathological diagnosis

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