

QP Code: 102188

Reg. No.:.....

**P.G. Diploma Examinations in Medical Radiotherapy (DMRT)
April 2019**

Paper II – Pathology

Time: 3 hrs

Max marks: 100

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

Essay: (20)

1. Discuss the WHO histopathological classification and TNM staging of lung cancer.
Explain the role of immunohistochemistry in lung cancer.

Short essays: (8x10=80)

2. Premalignant conditions of carcinoma penis
3. Carcinogenesis
4. Tumour markers
5. Radiation enteritis
6. Prognostic factors in carcinoma breast
7. AIDS associated malignancies
8. Tumour lysis syndrome
9. Human papilloma virus (HPV) vaccine
