Q.P Code **Reg. No.**

D.M. (Oncopathology) Degree Regular/Supplementary Examinations

Paper I – BASIC SCIENCES AND GENERAL SURGICAL PATHOLOGY (CELLULAR STRUCTURE AND ORGANIZATION, GENETICS, TUMOUR BIOLOGY, BIOCHEMISTRY, IMMUNOLOGY)

Time : Three Hours **Maximum : 100 Marks**

Essay: **(20)**

1. Krebs cycle associated genetic syndromes.

Short Essays **(8 x10 = 80)**

2. Stem cell-like properties of cancer.
3. Mismatch repair deficiency and its role in cancer immunotherapy.
4. Intraoperative evaluation of sentinel lymph node dissection.
5. Human papilloma virus associated cancer – prevention and early detection.
6. Genomic instability and cancer.
7. Approach to resection of ampullary / periampullary tumours.
8. Non coding RNAs and cancer.
9. Radiation and carcinogenesis.

Model QP