

**QP Code:101511**

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

**M.Ch. (Surgical Oncology) Degree Examinations - July 2015**

**Paper I – Basic Sciences**

**Time: 3 hrs**

**Max marks:100**

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

**Essay:**

**(20)**

1. Discuss the HPV carcinogenesis and elaborate its types. Explain the role and scope of HPV vaccination.

**Short essays:**

**(8x10=80)**

2. Types of radiation therapy and its merits in the management of cancer in general.
3. Tumor suppressor genes.
4. Cancer registries in cancer control.
5. Tumor angiogenesis and anti angiogenic cancer treatment.
6. Chemoprevention in oncology.
7. Kaplan Meier.
8. What are the features of an ideal tumor marker. Discuss the role of any one tumor marker used commonly in oncology today.
9. Cell cycle and its relevance in treatment of cancer.

\*\*\*\*\*