

Q P Code: 101511

Reg. No.:.....

**M.Ch. (Surgical Oncology) Degree Examinations July 2018**

**Paper I – Basic Sciences**

**Time: 3 hrs**

**Max marks:100**

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

**Essay:**

**(20)**

1. Discuss cell cycle and explain its regulations & alteration in cancer.

**Short essays:**

**(8x10=80)**

2. Molecular epidemiology.
3. National cancer control programme.
4. Radiation sensitizers.
5. Monoclonal antibodies.
6. Screening for colorectal cancer.
7. Diffusion magnetic resonance imaging.
8. Phase III clinical trials.
9. Tumor suppressor genes.

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