

**QP Code:103114**

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

**PG Degree Examinations in Physiology (MD) April 2018**

**Paper III - Physiological Chemistry, Biophysics and Radiation Biology**

**Time: 3 hrs**

**Max marks:100**

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

**Essay:**

**(20)**

1. Discuss the physiological processes involved in ageing.

**Short essays:**

**(8x10=80)**

2. Microwave therapy
3. Nernst equation
4. Ionic events during action potential of ventricle
5. Hazards of radiation in human body.
6. Polymerase chain reaction
7. G proteins
8. Methods of studying esophageal motility
9. Colloid osmotic pressure

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