

QP Code:101114

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Physiology
(MD) June 2020**

**Paper I – General Physiology, Neuro Physiology including Special Senses and
Endocrinology including Reproductive Physiology**

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(20)

1. Describe the visual pathway. Discuss the image forming mechanisms.

Short essays:

(8x10=80)

2. Pubertal changes and its regulation.

3. Body fluid compartments. Mention the mechanism of oedema.

4. Explain the mechanisms underlying memory.

5. Impedance matching by the ossicular system.

6. Muscle spindle and its functions.

7. Sources and physiological actions of local hormones.

8. Hypothalamus - connections and functions.

9. Neurotransmitters and neuromodulators
