

QP Code:101114

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Physiology
(MD) May 2022**

**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. Trace the fine touch pathway from the dorsum of foot. Describe the various cutaneous receptors.

Short essays:

(8x10=80)

2. Neuromodulators and Neurotrophins
3. second messengers
4. Cochlear microphonic potentials
5. Physiological factors regulating growth
6. Regulation of Aldosterone secretion
7. Intercellular connections and cell adhesion molecules
8. Dark adaptation
9. Foetoplacental unit.
