

Q.P. Code: 103379

Reg. No:.....

**First Year M.Sc Medical Physiology Degree Supplementary
Examinations March 2021**

(FOUNDATION COURSE)

Paper III – Physiology

Time: 3 hrs

Max. Marks: 70

- *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:

(2x10=20)

1. Define homeostasis. Describe the feedback mechanisms involved in the maintenance of homeostasis with example. (2+5+3)

2. Describe the visual pathway. Mention the effects of lesions in the visual pathway.

(6+4)

Short Notes:

(5x6=30)

3. Renshaw cell inhibition

4. Transport across cell membrane

5. Baroreceptor mechanism

6. Functions of vasopressin

7. Conduction of action potential

Answer briefly:

(5x4=20)

8. Gap junctions

9. EEG

10. Actions of insulin

11. Ovulatory cycle

12. Coagulation Cascade
