

Q.P. Code: 103379

Reg. No:.....

**First Year M.Sc Medical Physiology Degree Supplementary
Examinations September 2019**

(FOUNDATION COURSE)

Paper III – Physiology

Time: 3 hrs

Max. Marks: 70

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

Essay:

(2x10=20)

1. Name the hormones secreted from thyroid gland. Explain the effects of thyroid hormone on human body. Add a note on cretinism. (1+7+2)
2. Describe the steps of haemostasis. Add a note on hemophilia. (8+2)

Short Notes:

(5x6=30)

3. Functions of basal ganglia.
4. Short term regulation of blood pressure.
5. Surfactant and its role in human respiratory system.
6. Functions of pancreatic juice and regulation of its secretion.
7. Resting membrane potential.

Answer briefly:

(5x4=20)

8. Functions of thalamus
9. Origin and spread of cardiac impulse.
10. Visual pathway and effect of lesions at various levels of the pathway.
11. Oral contraceptive pill.
12. Factors affecting glomerular filtration rate.
