

Q.P.Code:103379

REG. No:.....

First Year M.Sc Medical Physiology Degree Examinations, October 2015

(FOUNDATION COURSE)

Time: 3 hrs

Max. Marks:- 70

PAPER III - PHYSIOLOGY

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

Essay:

(2x10=20)

1. Define blood pressure giving normal values. Describe the determinants of blood pressure. (1½+1½+7=10)
2. Describe the constituents and functions of gastric juice. Explain the gastric phase of gastric juice secretion. (2+2+6=10)

Short Notes:

(5x6=30)

3. Actions of hormones acting on renal tubules
4. Immune functions of lymphocytes
5. Central and peripheral chemo receptors in respiratory regulation
6. Spermatogenesis and normal sperm count
7. Pathways for pain sensation from face and trunk

Answer briefly:

(5x4=20)

8. Functions of the middle ear
9. Dwarfism and cretinism
10. Positive feedback mechanism in hormonal regulation
11. Audible heart sounds
12. End plate potential
