

Q.P.Code:103379

REG. No:.....

First Year M.Sc Medical Physiology Degree Examinations, October 2017

(FOUNDATION COURSE)

Time: 3 hrs

Max. Marks:- 70

PAPER III – PHYSIOLOGY

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

Essay:

(2x10=20)

1. Enumerate the various events during cardiac cycle with time taken for each events.
Explain the ventricular pressure and volume changes during the cardiac cycle.
What is the cause of first heart sound. (4+5+1=10)
2. Name the neural centers regulating respiration. Explain its role in normal regulation of respiration. (4+6=10)

Short Notes:

(5x6=30)

3. Rh blood group
4. Gastrin
5. Factors affecting glomerular filtration rate
6. Refractory period
7. Oxytocin

Answer briefly:

(5X4=20)

8. Functions of hypothalamus
9. Organ of corti
10. Tetany
11. Myopia
12. Functions of placenta
