



Q.P. CODE: 102010

Reg. No:

First Year B.Sc Nursing Degree Examinations, September 2012

Physiology

Time: 3 Hrs

Max. Marks: 75

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2x10=20)

1. Define glomerular filtration rate and mention its normal value. Discuss the factors affecting GFR. Add a note on effective filtration pressure (2+6+2=10)
2. Discuss the composition, formation, circulation and functions of cerebrospinal fluid. (2+2+2+4=10)

Short notes:

(7x5=35)

3. Blood coagulation
4. Visual pathway
5. Functions of Thyroid Gland
6. Factors affecting blood pressure
7. Peristalsis
8. Differentiate between skeletal, cardiac and smooth muscles
9. Ovulation

Answer briefly:

(10x2=20)

10. Sarcomere
11. Define menarche and menopause
12. Functions of Haemoglobin
13. Resting membrane potential
14. Hormones for lactation
15. Parkinsonism
16. Functions of Saliva.
17. Hypoxia
18. Functions of cerebellum
19. Define cardiac output and stroke volume

