

Q.P. CODE: 102010

Reg. No:

**First Year B.Sc Nursing Degree Supplementary Examinations
April 2019**

Physiology

(2010 Scheme)

Time: 3 Hrs

Max. Marks: 75

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2x10=20)

1. Define glomerular filtration rate and give its normal value. What are the factors regulating GFR. Add a note on osmotic diuresis. (2+6+2)
2. How is thyroxin synthesized. Explain the physiological actions of thyroxin. What is myxedema. (3+5+2)

Short notes:

(7x5=35)

3. Non respiratory functions of lung.
4. Hormones acting on stomach
5. ABO blood group systems
6. Describe the main clinical features of diabetes mellitus
7. Menstrual cycle
8. Rigor mortis
9. Juxtaglomerular apparatus

Answer briefly:

(10x2=20)

10. Acromegaly
11. Functions of cerebellum
12. Referred pain
13. Pacemaker potential
14. Impedance matching in the ear.
15. Functions of colon.
16. Bohr effect
17. Cyanosis
18. Copper-T
19. ESR
