

Q.P. CODE: 102010

Reg. No:

First Year B.Sc Nursing Degree Examinations, October 2013

Physiology

Time: 3 Hrs

Max. Marks: 75

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2×10=20)

1. Mention the normal respiratory rate. What is surfactant and enumerate its functions. Describe lung volumes with the aid of a diagram. (1+4+5=10)
2. Discuss the composition and functions of gastric juice. Add a note on deglutition. Define jaundice (6+2+2=10)

Short notes:

(7×5=35)

3. Differences between extracellular and intracellular fluids
4. Circulatory shock
5. Activity at the neuromuscular junction
6. Glomerular filtration
7. Functions of testes
8. Functions of growth hormone
9. Pyramidal tracts

Answer briefly:

(10×2=20)

10. Functions of Kidney
11. Eosinophil
12. Referred pain
13. Oral contraceptive pill
14. Myopia
15. Role of skin in regulation of body temperature
16. Two types of neuroglia
17. Basis for pregnancy tests
18. Function of middle ear
19. Two functions of hemoglobin
