

2010 Scheme

Q.P. CODE: 102010

Reg. No:

First Year B.Sc Nursing Degree Regular/Supplementary Examinations August 2021

Physiology

Time: 3 Hrs

Max. Marks: 75

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

Essays:

(2x10=20)

1. What are the stages of deglutition. Describe any one of them in detail. Enumerate the functions of saliva. (4+4+2)
2. How oxygen is transported in the body. Explain oxygen dissociation curve with the help of a diagram. Mention 2 factors causing shift of oxygen dissociation curve to the right. (4+4+2)

Short notes:

(7x5=35)

3. Pregnancy tests
4. Functions of growth hormone
5. Macula densa
6. Heart sounds
7. Dark adaptation
8. Functions of lymph
9. Rh incompatibility

Answer briefly:

(10x2=20)

10. Draw and label a sarcomere
11. Name any two anticoagulants and describe the mechanism of action of one.
12. Normal duration of P-R interval
13. Color blindness
14. Transport maximum of glucose.
15. Testosterone
16. Define renal clearance
17. Functions of bile salts
18. Draw and label reflex arc
19. Features of tetany
