



**2010 Scheme**

**Q.P. CODE: 102010**

**Reg. No: .....**

**First Year B.Sc Nursing Degree Supplementary Examinations  
May (November), 2020**

**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. Describe in detail the mechanism of coagulation. Add a note on hemophilia. (8+2)
2. Discuss the modes of carbon dioxide transport in blood. Add a note on asphyxia. (8+2)

**Short notes:**

**(7x5=35)**

3. Factors influencing cardiac output
4. Contents and functions of middle ear
5. Action potential
6. Functions of thalamus
7. Properties of synapse
8. Lung volumes and capacities
9. Female contraception

**Answer briefly:**

**(10x2=20)**

10. Two differences between skeletal and smooth muscles
11. Hemiplegia
12. Eosinophil
13. Movements of small intestine
14. Dialysis
15. Astigmatism
16. Hormones of pancreas and their functions
17. Jaundice
18. Graafian follicle
19. Functions of skin

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