

QP Code: 221006

Reg. No.....

**Second Semester B. Pharm Degree Supplementary Examinations
September 2022**

**Human Anatomy and Physiology II
(2017 Scheme)**

Time: 3 Hours

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 table/diagrams/flow charts wherever necessary*

Essays

(2x10=20)

1. Explain the physiology of menstruation
2. Explain the various parts of digestive system and mention their digestive functions

Short Notes

(7x5=35)

3. Neuroglia
4. Explain the digestive functions of liver
5. Explain how ATP is formed and mention its importance
6. Explain the structure and functions of small intestine
7. Explain the mechanism of breathing
8. Pituitary hormones
9. Explain the events that characterize transmission of nerve impulse

Answer Briefly

(10x2=20)

10. Hormones of pancreas
11. Residual volume
12. Total lung capacity
13. Peristalsis
14. Synapses
15. Depolarization
16. Threshold potential
17. Chromosomes
18. Oogenesis
19. Oxygen transport
