

QP Code: 221006

Reg. No.....

Second Semester B.Pharm Degree Examinations August 2019

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

Time: 3 Hours

Max. Marks: 75

- Answer all questions
- Draw diagrams wherever necessary

**Essays**

**(2x10=20)**

1. Define synapse. Describe about the generation and transmission of action potential.
2. Explain what is renin-angiotensin-aldosterone system (RAS). Explain its role in kidney. Add a note on disorders of kidney

**Short Notes**

**(7x5=35)**

3. Exchange of gases
4. Structure of spinal cord
5. Anatomy and movements of small intestine
6. Proximal convoluted tubule –role in urine formation
7. Synthesis of thyroid hormones
8. Spermatogenesis
9. Transcription of DNA

**Answer Briefly**

**(10x2=20)**

10. Composition of cerebrospinal fluid
11. Tidal volume and vital capacity
12. Digestion of lipids
13. Formation of creatinine phosphate
14. Structural layers of alimentary canal
15. Anatomy of pharynx
16. Basal Metabolic Rate.
17. Ureters
18. Follicle stimulating hormone
19. Multiple alleles

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