

FACULTY**Pharm. D (6-YDC) I-Year (Instant) Examination, January 2020****Subject: Human Anatomy and Physiology****Time: 3 Hours****Max. Marks: 70****Note: Answer all questions from part A, Answer any five questions from Part B.****PART - A (10x2 = 20 Marks)**

- 1 Define the terms
 - a) Dorsal
 - b) Proximal
- 2 Define Reflex action
- 3 Write about the functions of skin
- 4 Define
 - a) Atherosclerosis
 - b) Cardiac arrhythmia
- 5 Classify WBC with their functions
- 6 What is Resuscitation?
- 7 Write about various movements of GI tract.
- 8 Draw labelled diagram of nephron
- 9 List out secretions of pancreas
- 10 Describe the structure and functions of RNA

PART - B (5x10 = 50 Marks)

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| 11 Define tissue and explain in detail about Epithelial tissue. | 10 |
| 12 a) Write composition and functions of blood. | 6 |
| b) Write a note on Anemia. | 4 |
| 13 Define and explain various events of cardiac cycle. | 10 |
| 14 a) Define : i) Hypoxia ii) Asphyxia | 2 |
| b) Write about physiology of respiration | 8 |
| 15 Write in detail about physiology of digestion and role of digestive enzymes. | 10 |
| 16 Discuss the anatomy and functions of kidney with a neat labeled diagram. | 10 |
| 17 a) Write note on hormones of pituitary gland. | 8 |
| b) Enlist the disorders of thyroid hormone. | 2 |
| 18 Write a note on | |
| a) Spermatogenesis | 5 |
| b) Anatomy of Eye | 5 |

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