

FACULTY**Pharm. D (6 YDC) I-Year (Main & Backlog) Examination, July 2019****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****(10×2 = 20 Marks)**

1. Define a) Thrombocytopenia
b) Hemophilia
2. Write composition and functions of Cerebra Spinal Fluid
3. What are the hormones secreted by pituitary gland
4. Write about spermatogenesis
5. List the different types of taste buds with functions
6. Write the functions of liver
7. Define a) Hepatitis
b) Peptic ulcer
8. Define a) Hypertension
b) Angina pectoris
9. Write the functions of spleen
10. Write the functions of bone

PART - B**(5 ×10 =50 Marks)**

11. a) Classify connective tissue 3
b) What are synovial joints describe the types of movements of synovial joints 7
12. Define blood pressure and write about regulation of blood pressure 10
13. a) Define i) Tidal volume
ii) Vital capacity 2
b) Write about physiology of respiration 8
14. a) Describe anatomy of small intestine 3
b) Write a note on digestion of food in small intestine 7
15. Explain different parts of brain with labelled diagram 10
16. a) Write a note on Renin Angiotensin system 4
b) Write a note on Thyroid gland 6
17. Write a note on a) Oogenesis 5
b) Contraceptive methods 5
18. Explain the anatomy and physiology of Ear 10
