

B Pharm**(SEM IV.) THEORY EXAMINATION 2017-18****Anatomy Physiology and Pathophysiology-IV****Time: 3 Hours****Total Marks: 100****Note: 1.** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A****1. Attempt all questions in brief. 2 x10 = 20**

- a. Give the function of Larynx.
- b. What is Trachea?
- c. Differentiate Artery and Veins.
- d. What is Myocardium?
- e. Give reproductive function of Oestrogen.
- f. What is Seminal vesicle? Give its Function.
- g. Enumerate hormone secreted from Pituitary Gland.
- h. Explain negative feedback mechanism of hormone.
- i. Define Gout.
- j. Define fatigue.

SECTION B**2. Attempt any three of the following: 10 x 3 = 30**

- a. Give anatomy & function of Respiratory system.
- b. Explain male Reproductive system.
- c. Give Pathophysiology of Hyper & Hypo secretion of Thyroid Gland.
- d. Explain Conductive system of Heart.
- e. Give the Pathophysiology of Cardiac Arrhythmias

SECTION C**3. Attempt any one part of the following: 10 x 1 = 10**

- (a) Explain the Mechanism of Respiration.
- (b) Give the Pathophysiology of Asthma.

4. Attempt the following: 5 x 2 = 10

- (a) Explain Myocardial Infarction.
- (b) Give the Pathophysiology of Hypertension.

5. Attempt any one part of the following: 10 x 1 = 10

- (a) What is Spermatogenesis?
- (b) Explain the Menstrual Cycle.

6. Attempt the following: 5 x 2 = 10

- (a) Explain the control of Hormone secretion.
- (b) Write note on Parathyroid Gland.

7. Attempt the following: 5 x 2 = 10

- (a) Give the Pathophysiology of Cataract.
- (b) Give the Pathophysiology of Myasthenia Gravis.