

Printed Pages: 1

Paper Id:

1	5	0	2	3	6
---	---	---	---	---	---

Sub Code: RPH208

Roll No.

--	--	--	--	--	--	--	--	--	--

B. PHARM.
(SEM-II) THEORY EXAMINATION 2017-18
ANATOMY, PHYSIOLOGY AND PATHOPHYSIOLOGY-II

*Time: 3 Hours**Total Marks: 70***Note:** 1. Attempt all Sections.**SECTION A**

- 1. Attempt *all* questions in brief. 2 x 7 = 14**
- a. Write a short note on the meninges of the brain.
 - b. Give a brief note on the circulation and functions of the Cerebrospinal fluid.
 - c. What are the effects of sympathetic system activation on heart and lungs?
 - d. Write a short note on blood groups.
 - e. Differentiate between serum and plasma.
 - f. Classify nephron.
 - g. Mention the activators of Pepsinogen and Chymotrypsinogen.

SECTION B

- 2. Attempt any *three* of the following: 7 x 3 = 21**
- a. Write a note on Cranial nerves and their functions.
 - b. Discuss in detail the physiology of Neurotransmission.
 - c. Explain in detail the process of Hemostasis.
 - d. Draw and explain the structure and functions of a Nephron.
 - e. Write a note on Peptic ulcer.

SECTION C

- 3. Attempt any *one* part of the following: 7 x 1 = 7**
- (a) Write a detailed note on the reflex arc.
 - (b) Explain the anatomy of cerebellum and its functions.
- 4. Attempt any *one* part of the following: 7 x 1 = 7**
- (a) Elaborate the effects of parasympathetic stimulation on physiology.
 - (b) Write a detailed note on receptors of sympathetic nervous system.
- 5. Attempt any *one* part of the following: 7 x 1 = 7**
- (a) Give a detailed note on the composition of blood and explain the functions of its components.
 - (b) Write a note on production and circulation of Lymph.
- 6. Attempt any *one* part of the following: 7 x 1 = 7**
- (a) Write a detailed note on the physiology of urine formation.
 - (b) Discuss the pathophysiology of Glomerulonephritis **or** UTI.
- 7. Attempt any *one* part of the following: 7 x 1 = 7**
- (a) Explain the physiology of HCl release in stomach.
 - (b) Write a detailed note on pathophysiology of Hepatitis **and** Pancreatitis.