

1st P.D.  
Batch: 2022.

**P.D 1.1**

Total No. of Questions : 07 ]

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**I/VI PHARM-D (REGULAR) EXAMINATIONS, DECEMBER - 2022**

**First Year**

**HUMAN ANATOMY AND PHYSIOLOGY**

**Time : Three Hours**

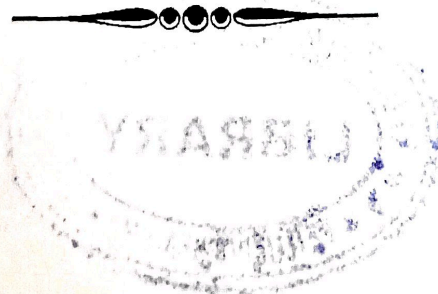
**Maximum : 70 Marks**

**Answer any FIVE Questions.**

**5x14 = 70 M**

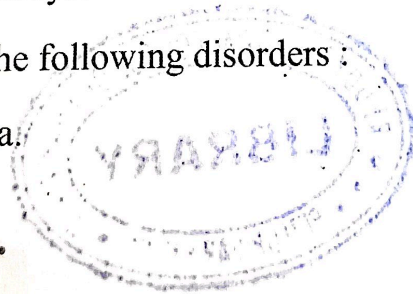
**All Questions carry equal marks**

1. Explain the Anatomy and functions of accessory glands of GIT.
2. Write about the Anatomy and functions of sympathetic and parasympathetic N.S.
3. Explain the Anatomy and Physiology of the Thalamus, hypothalamus and basal ganglia.
4. Write a note on the anatomy and functions of the heart and label the parts.
5. Write about the Anatomy and Physiology of the Cerebellum and midbrain.
6. Describe about the components and their functions of the cell with a neat diagram.
7. Discuss the Elementary tissues of the human body.



**I/VI PHARMA-D (REGULAR) DEGREE EXAMINATIONS, DEC- 2021****First Year****HUMAN ANATOMY AND PHYSIOLOGY**Time : **Three Hours**Maximum : **70 Marks****Answer any FIVE Questions.****5x14 = 70 M****All Questions carry equal marks**

1. Discuss about
  - a) Mechanism and regulation of respiration.
  - b) Electrocardiogram.
2. Write about
  - a) Physiology of urinary system.
  - b) Anatomy and physiology of cerebrum.
3. Write about the structure, composition and functions of
  - a) Lymph.
  - b) Basal ganglia.
  - c) Sympathetic nervous system.
  - d) Eye.
4. Give an account on
  - a) Contraceptive devices.
  - b) Renin Angiotensin system.
5. Write short notes on the following disorders :
  - a) Hemolytic anemia.
  - b) Asphyxia.
  - c) Goitre.
  - d) Angina.
  - e) Inflammatory Bowel Disease.
  - f) Lymphoma.
  - g) Arthritis.



6. Write in detail about the following :
- a) Maintenance and regulation of blood pressure.
  - b) Transport of respiratory gases.
7. a) Describe in detail about Oogenesis.  
b) Write a short notes on drugs and their effects on athletes.  
c) Give a brief description of pancreatic hormones.  
d) Write note on reflex arc.
8. a) Write about physiology of muscle contraction.  
b) Discuss the significance of Drugs and Athletics.



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I/VI PHARM-D (Regular) DEGREE EXAMINATIONS, OCT/NOV-2020

First Year  
PHARM-D

HUMAN ANATOMY AND PHYSIOLOGY

Time: Three Hours

Maximum marks:70

Answer any FIVE Questions.

All Questions carry equal marks.

5X14=70M

1. Discuss about the hormones & their functions in human body:
  - a) Pancreas
  - b) Adrenal gland
2. Write short notes on:
  - a) Drugs & their effects on Athletics
  - b) Homeostasis with atleast 2 examples.
3. Discuss in brief about:
  - a) Physiology of Muscle contraction
  - b) Physiology of Menstruation
4. Enlist and write the origin, location and functions of all cranial nerves in their specific order. Add a note on Reflex arc.
5. Write the structure and function of following with neat diagram:
  - a) Cardiovascular system
  - b) Urinary system.
6. Write short notes on following disorders:
  - a) Pernicious Anemia
  - b) Hypertension.
  - c) Arthritis
  - d) Asphyxia
  - e) Peptic ulcer
  - f) Hodgkin's disease
  - g) Hemophilia
7. Write the structure, composition and functions of:
  - a) Skeletal system
  - b) Cerebrum

Total No. of Questions :07]

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**I/VI Pharm.D (Regular) DEGREE EXAMINATIONS, JULY/AUGUST-2019**  
**(Examination at the end of First year of 6 Year course)**

**HUMAN ANATOMY AND PHYSIOLOGY**

**Time: Three Hours**

**Maximum marks:70**

**Answer any FIVE questions.**

**All questions carry equal marks.**

**5X14=70M**

1. Explain the following
  - a) Composition and functions of blood
  - b) Structure and functions of spleen
2. Write about the following
  - a) Physiology of muscle contraction
  - b) Structure and functions of liver
3. Write about the following
  - a) Structure and functions of thyroid gland
  - b) Physiology of hearing
4. Explain the following
  - a) Physiology of menstruation
  - b) Physiology and functional areas of cerebrum
5. Write about the following
  - a) Composition and functions of lymph
  - b) Anatomy and functions of heart
6. Describe the following
  - a) Transport of respiratory gases
  - b) Formation of urine
7. Explain the following
  - a) Anatomy of male reproductive system
  - b) Haemopoiesis

**I/VI Pharm.D (Regular/Supply) DEGREE EXAMINATIONS, SEP-2018**  
**(Examination at the end of First Year of 6 Year Course)**

**Pharm.D**

**HUMAN ANATOMY AND PHYSIOLOGY**

**Time: Three Hours**

**Maximum marks:70**

**Answer any FIVE questions.**

**All questions carry equal marks. 5X14=70M**

1.
  - a) Classify epithelial tissue with examples. Mention their functions.
  - b) Describe the structure and functions of skeleton.
2.
  - a) Describe the structure and functions of different types of leucocytes.
  - b) Describe the structure and functions of spleen.
3.
  - a) Compare the structure and functions of arteries and veins.
  - b) Discuss about the nervous regulation of blood pressure.
4.
  - a) Write about main muscles of respiration.
  - b) Discuss about the digestion of fats in GIT.
5.
  - a) Describe the structure and functions of cerebral cortex lobes.
  - b) Discuss about the functions of sympathetic nervous system.
6.
  - a) Discuss about the secretion and functions of pancreatic hormones.
  - b) Discuss about the secretion and functions of thyroid hormones.
7. Discuss briefly about the following
  - a) Structure of eye with a neat labeled diagram
  - b) Testosterone
  - c) Sarcomere
  - d) Musle function during exercise

I/VI PHARM.D (Regular) DEGREE EXAMINATIONS, JULY/AUGUST- 2017  
(Examination at the end of First Year of 6 Year Course)

Paper I- HUMAN ANATOMY AND PHYSIOLOGY

Time: Three Hours

Maximum marks:70

Answer any FIVE questions.

All questions carry equal marks.

5X14=70M

1. a) Classify connective tissue with examples. Mention their functions.  
b) Discuss about the classification and functions of joints.
  2. a) Discuss about ABO classification of blood groups and Rh typing.  
b) Describe the structure and functions of lymph node.
  3. a) Describe the structure and functions of heart.  
b) Discuss about the hormonal regulation of blood pressure.
  4. a) Write about the transport of respiratory gases by blood.  
b) Discuss about the digestion of proteins in GIT.
  5. a) Describe the structure and functions of brain stem.  
b) Discuss about the functions of parasympathetic nervous system.
  6. a) Discuss about the secretion and functions of anterior pituitary hormones.  
b) Discuss about the secretion and functions of adrenal cortex hormones.
7. Discuss briefly about the following
- a) Structure of ear with a neat labeled diagram.
  - b) Parturition
  - c) Neuromuscular junction
  - d) Cardiovascular changes during exercise

**I/VI Pharm.D DEGREE EXAMINATIONS, AUGUST/SEPTEMBER-2016**  
**PAPER-I**

**HUMAN ANATOMY AND PHYSIOLOGY**

**Time: Three Hours**

**Maximum marks:70**

**Answer any FIVE questions.**

**All questions carry equal marks.**

**5X14=70M**

1. Discuss about the following?
  - a) Skeletal system
  - b) Coagulation of blood
2. Write about the following?
  - a) Blood vessels
  - b) Blood pressure
3. Describe the structure and functions of Nephron with a neat diagram?
4. Discuss about the following?
  - a) Structure and functions of small intestine
  - b) Transport of respiratory gases
5. Describe the structure and functions of the following?
  - a) Spinal cord
  - b) Sympathetic nervous system
6. Discuss about the hormones and functions of the following?
  - a) Adrenal cortex
  - b) Anterior pituitary
7. Write short notes about the following?
  - a) Retina
  - b) Tongue
  - c) Parturition
  - d) Functions of blood