

PHB Sample Paper

Session: 2022 – 23

Course: D. Pharm 1st Year

Subject: HUMAN ANATOMY & PHYSIOLOGY

Exam: IInd Sessional Question Paper- 1

Attempt all the questions:

(Section: A)

(MCQ) Multiple Choice questions:

[5]

1. Which of the following is synthesized and stored in the liver cells?

- a. Galactose
- b. Lactose
- c. Glycogen
- d. Arabinose

2. Which of the following is not likely to be found in the lymph?

- a. Red blood cells
- b. Protein molecules
- c. Microorganism
- d. macrophages

3. Besides the brain, the skull also protects.....

- a. The lungs
- b. The diaphragm
- c. The body's cells
- d. Sense Organ

4. What makes bones so strong?

- a. Silica
- b. Calcium and Phosphorous
- c. Cartilage
- d. Blood and marrow

5. The life span of thrombocytes is

- a. 4 to 5 weeks
- b. 3 to 7 weeks
- c. 3 to 7 days
- d. None of the above

ANSWER IN ONE SENTENCES ONLY:

[5]

1. What is the bone marrow?
2. What are lymph capillaries?
3. When does tissue fluid become lymph?
4. How can we eat and breathe at the same time?
5. What is blood clotting?

(Section: B)

Short questions (Attempt any five)

[5x3=15]

1. Describe the composition of bones.
2. What do lymphatic pathways start as?
3. Explain liver with its function.
4. Write composition and function of blood.
5. Write the different parts of digestive system.
6. Write a short note on:
 - a. Synovial joint
 - b. Rheumatoid arthritis

(Section: C)

Long questions (Attempt any three)

[3x5=15]

1. Explain in details about blood group system and write the importance of Rh factor.
2. What is lymphatic system? Write down the function of lymphatic system.
3. Explain the physiology of digestion.
4. Discuss skeleton system with its diagram.