

**B.Sc. (Hons) FNS Semester-2 (NEP) Examination
IDC-103 (T)****Human Anatomy and Physiology****Time : 1-00 Hour]****April-2024****[Max. Marks : 25]****Question 1 Write the following**

- (i) Write a brief note on disorders of digestive system. (5 Marks)
- (ii) Explain the importance of digestive glands associated with alimentary canal. (5 Marks)

OR

- (i) Explain the mechanism of transport of O₂ and CO₂ gases. (5 Marks)
- (ii) Write a note on human respiratory system. Define organs and explain the steps involved in respiration. (5 Marks)

Question 2 Write the following

- (i) Write a note on blood grouping. (5 Marks)
- (ii) Write a note on nephrons along with its diagrammatic representation. (5 Marks)

OR

- (i) Write a note on blood Erythropoiesis and anaemia. (5 Marks)
- (ii) Write a note on blood composition and function. (5 Marks)

Question 3 Attempt any Five out of Six.

(5 Marks)

- (i) The basic structural and functional unit of Kidney is known as _____
- (ii) Platelets are also known as _____
- (iii) Name the enzyme responsible for hydrolysing starch to disaccharides.
- (iv) RBC's live for approximately _____ days.
- (v) Vasopressin is also known as _____
- (vi) Define vital capacity.