

BI01 Semester II

Model Question:

Section 1 SAQ: (3 Marks each)

Answer any 5:

1. What is meant by peristalsis? State its function. (1+2)
2. What is diarrhea? How is it caused? (1+2)
3. Distinguish between TV and ERV. (3)
4. What is emphysema? How is it caused? (1+2)
5. Distinguish between artery and vein. (3)
6. What is meant by heart sounds? How is it caused? (1+2)
7. What is meant by Effective filtration pressure? What is its value? (2+1)
8. What is tubular reabsorption? State its function. (1+2)
9. What is muscle contraction? Name the factor responsible for it. (2+1)
10. What are immovable joints? Give any one example. (2+1)

Section2: LAQ (5 Marks Question):

Answer any 4:

1. How are carbohydrates absorbed? State the function of lacteal. (3+2)
2. State the different parts of colon. What is constipation? State its cause. (2+1+2)
3. State the functions of alveoli? State the phases of breathing. (2+3)
4. Write short notes on VC and Dead space air. (2.5+2.5)
5. What are the different blood groups? What is the basis of classification of blood groups? (2+3)
6. What is Cardiac output? What are its different types? Why blood pressure increases with age? (1+2+2)
7. What is the structural and functional unit of kidney? State its different components. What is renal calculi? (1+2+2)
8. What is dialysis? What are its different types? Why can we survive with one kidney? (1+2+2)
9. What are the different stages of bipedal locomotion? Distinguish between striated and non-striated muscle. (3+2)
10. State the number of bones in the vertebral column. What type of joints are there in the rib cage? State its function. (2+1+2)