

**FIRST SEMESTER – BACHELOR OF PUBLIC HEALTH
BACHELOR OF PUBLIC HEALTH (HONS)
DEGREE EXAMINATION – MAY 2021**

Time: 3 Hours

Max. Marks: 80

**HUMAN BIOLOGY-I
(Anatomy, Physiology & Biochemistry)**

Q.P. Code:1851

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

Question Number	Marks
LONG ESSAY QUESTIONS:	2 X 10 = 20
1. Explain the conducting system of the heart with a neat-labelled diagram. Write about SA node and A-V nodal delay	(4+3+3)
2. Classify carbohydrates. Give examples for each class. Add note on the function of each example.	
SHORT ESSAY QUESTIONS:	8 X 5 = 40
3. Classify protein and write about the physical and chemical properties of proteins	
4. Enumerate the functions of blood and its composition.	
5. Write a note on Jaundice.	
6. Functions of Saliva.	
7. Functions of HCL.	
8. Give the classification of bones.	
9. Draw labeled diagrams of cardiac muscles. Discuss its properties.	
10. Deglutition and its significance.	
SHORT ANSWER QUESTIONS:	10 X 2 = 20
11. Define amino acids. Give an example.	
12. Define jetty acids. Give an example.	
13. Classify the cytoplasmic organells.	
14. Write the important difference between DNA and RNA	
15. Name any four endocrine glands.	
16. Define ECG and give its examples	
17. What are the parts of the respiratory system.	
18. Difference between Red and Yellow bone marrow.	
19. What is endoplasmic reticulum?	
20. Write the names of the organs of the gastro intestinal system	
