

2022
ZOOLOGY
[Honours]
(B.Sc. Fourth Semester End Examination-2022)
PAPER-C9T

Full Marks: 40

Time: 02 Hrs

*The figures in the right hand margin indicate marks
Candidates are required to give their answers in their own words as
far as practicable*

Illustrate the answers wherever necessary

Group-A

- 1) Answer any five questions from the following: 5x2= 10**
- a. What is GFR?
 - b. Write about Vasa-recta.
 - c. Write the name and function of enzymes present in saliva.
 - d. What is dead space?
 - e. Write about vital Capacity.
 - f. Which are the gases can bound with haemoglobin.
 - g. Write the name and function of cell types under WBC.
 - h. Write the difference between reticulocyte and erythrocyte.

Group-B

- 2. Answer any four questions from the following: 4x5 = 20**
- a. Explain oxygen haemoglobin dissociation curve with different Concentration pH.
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(2)

- b. Write the structure of haemoglobin in detail with diagram.
- c. Explain the transport of CO_2 in blood
- d. Describe erythropoietin fetalin with its remedy.
- e. Write the name and function of pancreatic enzymes.
- f. Write a short note on Jg apparatus.

Group -C

3. Answer any one questions of the following: 1x10 = 10

- a. Write about different Components of blood.
 - b. Write short note on
 - i) Ruminant Stomach
 - ii) Erythropoiesin
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