

2019

B.Sc.

4th Semester Examination

ZOOLOGY (Honours)

Paper - C9P

[Practical]

Full Marks : 20

Time : 3 Hours

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

1. (a) Determine the number of white blood cells (per microliter) of your blood using Neubauer haemocytometer. Comment on your observation.

Counting - 5

Calculation - 4

Comment - 1

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10

( 2 )

*Or*

- (b) Estimate haemoglobin content of your blood (g/dl) by Sahli's method. Comment on your result.

Experiment - 8

Comment - 2

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*Or*

- (c) Determine your blood group by agglutination method. Write down the principle of this method.

Experiment - 7

Principle - 3

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2. (a) Prepare haemin crystals from the blood. 5

*Or,*

- (b) Record systolic and diastolic blood pressure using sphygmomanometer. Comment on your observation.

( 3 )

Experiment - 4

Comment - 1

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3. Laboratory Note book. 2
4. Viva-Voce. 3
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