

2020

PHYSIOLOGY HONOURS - PRACTICAL

PAPER – 4B

FULL MARKS- 25

TIME – 1 HOUR

Candidates are required to give their answers in their own words as far as practicable.

1. Describe with suitable diagram the staining method of Skeletal muscle tissue isolated from goat muscle and Identify its two characteristics. 10

OR

Describe with a neat diagram the staining method of Nodes of Ranvier isolated from sciatic nerve of toad by Silver nitrate and Identify it. 10

2. Describe the principle of estimation of Amino nitrogen by Sorensen's formaldehyde method. 10

OR

Write the Principle of estimation of glucose by Benedict's quantitative reagent.

10

3. Draw and label the normal tracing of unperfused heart of toad. Write the effect of warm and cold saline on it. 5

OR

Draw and label the Kymographic recording of isotonic muscle twitch. Write the effects of load on muscle twitch. 5