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UG/2nd Sem/Physio/H/19 (Pr.)

2019

B.Sc.

2nd Semester Examination

PHYSIOLOGY (Honours)

Paper - C3P

[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.*

Answer all questions.

1. Isolate and stain skeletal muscle fibre with Haematoxylin and Eosin and observe your preparation under high power of microscope. Interpret your result. 6

[Preparation of skeletal muscle fibre and staining - 2+3; Interpretation - 1]

[Turn Over]

(2)

2. Demonstrate kymographically the effects of two variations of temperature on single muscle twitch. 9

[Skeletal muscle twitch - Normal - 03, Effect of 1st variation of temperature - 02, Effect of 2nd variation of temperature - 02, Interpretation - 02]

3. Laboratory Note Book. 2

4. Viva-Voce. 3
