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UG/4th Sem/PHYSIO/19 (Pr.)

2019

B.Sc.

4th Semester Examination

PHYSIOLOGY (Honours)

Paper - SEC2P

[Practical]

Full Marks : 15

Time : 3 Hour

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

Computer Application in Health Science

1. Perform graphical presentation of the supplied physiological data using computer. 10

[Data entry : 5, Graphical presentation : 5]

Or,

[Turn Over]

Perform t-test from the supplied data. Interpret your results.

[Formula : 2, Computation : 6, Interpretation : 2]

2. Laboratory Note Book 2
3. Viva - voce 3

**Physiological Techniques and Public
Health Assessments**

1. Plot the growth charts from supplied data for growth monitoring. Interpret your result. 10

[Principle : 2, Plotting : 6, Interpretation : 2]

Or,

Determine BMI of subject provided to you. Interpret your result.

[Definition : 1, Measurements and calculation : 3+2, Interpretation : 2]

2. Laboratory Note Book 2
3. Viva - voce 3

Histopathological Techniques

1. Perform Haematoxylin and Eosin staining of supplied mammalian tissue section. 10

[Staining : 4, Demonstration : 3, Identification with two features : 3]

Or,

Perform section cutting of supplied paraffin embedded tissue.

[Section cutting : 4, Fixation on slide : 3, Section quality and spreading : 3]

2. Laboratory Note Book 2
3. Viva - voce 3