

Human Physiology (P.G.)
[CBCS]
M.Sc. First Semester End Examination-2023
(Regular & Supplementary Paper)
PAPER-105

Full Marks: 50

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.

Unit-9

Full Marks 25

[Human Experiments]

1. Determine the effect of breath-holding on pulse rate of your subject. Interpret your result. 8
[Resting pulse rate:3, breath holding:3, Interpretation:2]
2. Determine the SpO_2 of your subject using pulse oxymeter. Interpret your result. 7
[Principle:1, Procedure:2, Result:1, Interpretation:1]
3. Submit the duly signed Laboratory note book 5
4. Viva Voce 5

(2)

Unit - 10

Full Marks 25

[Experimental Physiology]

1. Record kymographically the normal movement of rat's intestine by a Dales water bath and study the effect of hypoxia on it. Interpret your results.

[Preparation and normal movement:2, Effect:2, Recovery:2, Interpretation:1]

2. Record typographically the normal movement of rat's intestine by a Dales water bath and study the effect of acetylcholine on it. Interpret your results.

[Preparation and normal movement:2, Effect:2 Recovery:2, Interpretation:2]

3. Submit the duly signed Laboratory note book 5
4. Viva Voce 5

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