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RNLKWC/M.Sc.-CBCS/IS/HP/P.G./PHY104/22

2022

Human Physiology

[P.G.]

(M.Sc. First Semester Practical End Examinations-2022)

PAPER- PHY104

Full Marks: 50

Time: 04 Hrs

The figures in the right hand margin indicate marks

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

Illustrate the answers wherever necessary

Unit 7

[BIO-ANALYTICAL TECHNIQUES]

Marks - 25

1. Prepare a TLC plate and then identify the ~~unk~~known amino acid by its Rf value and the colour with ninhydrin. 8
[Plate:2, Loading:1, Principle:1, Identification:2, Procedure: 2]
2. Determine the optimum temperature of the given enzyme. 7
[Principle:1 Procedure:2+2, Graphical Presentation:2]
3. Submit the duly signed Laboratory note ~~book~~ 5
4. Viva voce 5

Contd...P/2

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Unit 8

[BIOCHEMICAL TECHNIQUES]

Marks - 25

1. Determine the level of SGOT in the supplied sample. Write down the principle of this test and interpret your results. 7
[Principle:1, Procedure:4, Interpretation:2]
 2. Determine the acid phosphatase content of the given sample. Write down the principle and interpret your results. 8
[Principle:1, Procedure :5, Interpretation:2]
 3. Viva voce 5
 4. Laboratory note book 5
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