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RNLKWC/M.Sc./IIS/P.G./PHY-305/22

2022

Human Physiology

[P.G.]

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

PAPER-PHY 305

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 29

[Marks – 25]

Histochemical and Histometric technique

1. a) Write the principle and procedure of Best carmine method. 2+3
b) How would you interpret your result? 3
c) Stain the supplied slide by the Bromophenol blue method. Write the principle and the procedure of the method. 3+1+3
2. Viva voce 5
3. Laboratory note book 5

Unit 30

[Marks – 25]

Experimental Immunology

1. a) Write down the principle of SRID.
2. Prepare a standard curve for SRID assay from the data provided and calculate the concentration of test antigen A and B.

[Principle – 2

Standard curve preparation – 4

Antigen conc.A-1

Antigen conc B-1]

8

1. a) Perform Leishman staining of the supplied layer of Histopaque density gradient centrifugation and focus a lymphocyte or neutrophil.

[Staining -2 ; focus – 2]

b) Write down the principle of agglutination test.

4+3

2. Viva voce

5

3. Laboratory note book

5
