

End Semester Examination, 2021

Semester - III

Human Physiology

PAPER - PHY 305 (U29+U30) (PRACTICAL)

Full Marks : 50 (25+25)

Time : 2 Hours

UNIT - 29

(Histochemical and Histometric Techniques)

- 1.a) Write the principle and procedure of PAS staining method. 2+3
- b) How would you interpret your result ? 3
2. How would you detect the amount of alkaline phosphatase (ALP) in a liver tissue sample ? Write down the principle and procedure. Mention its significance. 5+2
3. Laboratory note book. 5
4. Viva-Voce.

UNIT - 30

(Experimental Immunology)

- 1.a) Write down the principle of agglutination test.
- b) Interpret your result after performing blood group test. 3+4
- 2.a) What are polymorphonuclear cells ? 2

- b) In which layer they will be present when you separate blood cells by Hitopaque and why ? 2+4
3. Laboratory note book. 5
4. Viva-voce. 5