

[LS 121]

NOVEMBER 2020
(OCTOBER 2020 SESSION)

Sub. Code: 2018

M.D. DEGREE EXAMINATION

BRANCH V – PHYSIOLOGY

**PAPER I – GENERAL PHYSIOLOGY, BLOOD, DIGESTION AND
TISSUES OF THE BODY**

Q.P. Code: 202018

Time : Three Hours

Maximum : 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Define hemostasis. Describe the mechanism of coagulation of blood and lab investigations. Add a note on von-Willebrand disease. (2+6+5+2)
2. a.) Describe in detail about T cell mediated immunity with appropriate diagrams.
b.) Add a note on mechanism behind graft versus host disease and rejection of transplants.

II. Short notes:

(10 x 5 = 50)

1. H antigen
2. Intercellular communication.
3. Endocytosis
4. Reticulocyte response
5. Complement system
6. Rh incompatibility
7. IgG
8. Enteric nervous system
9. Monocyte – macrophage system
10. Molecular motors.

III. Reasoning Out:

(4 x 5 = 20)

1. Why normocytic normochromic anemia is common in chronic renal disease?
2. Blood exists as a fluid in blood vessels.
3. Refractory period.
4. Post – prandial alkaline tide.
