

[LT 502]

NOVEMBER 2020

Sub.Code :5053

**M.B.B.S. DEGREE EXAMINATION
FIRST YEAR
PAPER III – PHYSIOLOGY INCLUDING BIO-PHYSICS - I**

Q.P. Code: 525053

Time: Three hours

Maximum : 50 Marks

Answer All Questions

I. Essay: **(1 x 10 = 10)**

1. Define Immunity. Discuss in detail about various types of Immunity. Add note on Autoimmune disease.

II. Write notes on: **(5 x 4 = 20)**

1. Functions of Plasma Proteins.
2. Various stages of nerve Action Potential.
3. Functions of Stomach.
4. Conn's syndrome.
5. Heat production in Skeletal Muscle.

III. Short answers on: **(10 x 2 = 20)**

1. Functions of Neutrophil.
2. Endocytosis.
3. Free water clearance.
4. Actions of Parathyroid Hormone.
5. Thyroid function test.
6. Composition of Semen.
7. Pregnancy test.
8. Disseminated intravascular coagulation (DIC).
9. Laws of blood grouping.
10. Law of Gut.
