

[LT 505]

NOVEMBER 2020

Sub.Code :5056

**M.B.B.S. DEGREE EXAMINATION
FIRST YEAR
PAPER VI – BIOCHEMISTRY - II**

Q.P. Code: 525056

Time: Three hours

Maximum : 50 Marks

Answer All Questions

I. Essay:

(1 x 10 = 10)

1. Name the Plasma Proteins. Explain the role of Albumin and other Transport Proteins.

II. Write notes on:

(5 x 4 = 20)

1. DNA Repair Mechanisms.
2. Normal level of Sodium and Potassium and add a note on causes and clinical features of Hyponatremia.
3. Balanced Diet and Glycemic Index.
4. Proteinuria –Types and Characteristic Protein present in urine in each type.
5. Gene Therapy.

III. Short answers on:

(10 x 2 = 20)

1. Name one disease related to point Mutations.
2. Name 2 enzymes of Pancreatic injury.
3. Uric Acid levels in a) Male b) Female.
4. Write formula to calculate Anion gap.
5. BMI value in a) Normal Individual b) Obesity.
6. Restriction Endo nuclear sticky – Meaning.
7. Name the defect Dubin – Johnson syndrome.
8. Name the Amino Acids involved in Polyamines.
9. Name 2 Anti Oxidant Vitamins, 1 Anti Oxidant Mineral.
10. Role of poly 'A' Tail.
