

[LN 505]

NOVEMBER 2018

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. Write briefly the mechanisms by which the pH of the body fluids is regulated. Add a note on acid base disturbances with examples.

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

1. Post translational modifications with examples.
2. Blotting techniques.
3. Classify jaundice based on liver function tests.
4. Structure of collagen.
5. Classes of Immunoglobulins.

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

1. Structure of tRNA.
2. Lead poisoning.
3. Secondary hyperuricemias.
4. Draw normal protein electrophoretic pattern.
5. Secondary structure of proteins.
6. Classification of aminoacids based on metabolic fate.
7. Hartnup's disease.
8. Microalbuminuria and its importance.
9. Reactive oxygen species.
10. DNA fingerprinting.
