[LN 505] AUGUST 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 in detail about ammonia production, transport and disposal. Add a note on disorders of urea cycle.

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

1. Tests done to assess synthetic functions of liver.
2. Properties of genetic code.
3. Respiratory acidosis.
4. Importance and applications of recombinant DNA technology.
5. Proteinuria.

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

1. Importance of transamination reaction.
2. Causes of secondary gout.
3. Enzymes as tumour markers.
4. Point mutation.
5. Denaturation reactions of proteins.
6. Cystinosis.
7. Melatonin.
8. Normal value of plasma osmolality and urine osmolality.
9. Orotic aciduria.
10. Cell cycle.

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