

[MBBS 0222]

**FEBRUARY 2022**

Sub.Code : 6056

**M.B.B.S. DEGREE EXAMINATION**  
(For the candidates admitted from the Academic Year 2019-2020)  
**FIRST YEAR**  
**PAPER II – BIOCHEMISTRY**

Q.P. Code: 526056

**Time: Three hours**

**Maximum : 100 Marks (80 Theory + 20MCQs)**

**Answer All Questions**

**I. Essay:** (2 x 15 = 30)

1. Write an essay on Recombinant DNA technology. What are the important applications of the technique ?
2. Enumerate liver function tests with their clinical significance.

**II. Write notes on:** (10 x 5 = 50)

1. Potassium.
2. Blotting techniques.
3. Tumour markers.
4. Role of kidney in the regulation of pH.
5. Albumin.
6. Gout.
7. Nitric oxide.
8. Branched chain amino acids.
9. Hypocalcemia.
10. Post translational modification.