



# RAN-7022

S.Y.B.Sc. (Semester-IV) Examination

March / April - 2019

Medical Technology Examination

MT - 10 : General Biochemistry - 02

Time: 2 Hours ]

[ Total Marks: 50

सूचना : / Instructions

1.

नीचे दृष्टविले निशानीवाणी विगतो उत्तरवही पर अवश्य लभवी.  
Fill up strictly the details of signs on your answer book

Name of the Examination:

S.Y.B.Sc. (Semester-IV) Medical Technology

Name of the Subject :

MT - 10 : General Biochemistry - 02

Subject Code No.: 7 0 2 2

Seat No.:

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Student's Signature

**Instructions:**

2. Answer all the questions.
3. Draw neat and labeled diagrams wherever necessary.
4. Figures to the right indicate full marks of the question.

1. **Answer in brief:**

[08]

- (i) State the function of D arm of t-RNA.
- (ii) Enlist secondary messengers involved in hormone mechanism.
- (iii) Give other name of Vitamin E and Vitamin D.
- (iv) Enlist functions of chloride

2. **Attempt any TWO of the following:**

[14]

- (i) Biochemical functions of vitamin C.
- (ii) What are the salient features of Watson and Crick model of DNA?
- (iii) Enlist and explain the functions of Calcium.

- 3. Write in detail on any ONE of the following: [14]**
- (i) Vitamin D
  - (ii) Steroid hormones
- 4. Write short note on any TWO of the following: [14]**
- (i) Hyperthyroidism.
  - (ii) Wald's visual cycle.
  - (iii) Classification of hormones.
  - (iv) Potassium.
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