



A-3037

**Second Year B. Sc. (Sem. III) (MT) Examination
March/April – 2015**

**General Biochemistry : Paper - I - MT - 07
(New Course)**

Time : Hours]

[Total Marks : 50

Instructions :

नीचे दर्शायेख निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="Second Year B. Sc. (Sem. 3) (MT)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="GENERAL BIOCHEMISTRY : P. - 1 - MT - 07 (NEW)"/>	<input type="text"/>
Subject Code No. : <input type="text" value="3"/> <input type="text" value="0"/> <input type="text" value="3"/> <input type="text" value="7"/>	Section No. (1, 2,.....) : <input type="text" value="Nil"/>
Student's Signature	

- 1 Answer in brief. 10
 - (1) Define and explain tautomerism.
 - (2) Give examples of essential amino acids.
 - (3) Give four difference between primary structure and secondary structure of protein.
 - (4) Give two functions of wax.
 - (5) Name the lipid important for eye and lung.

- 2 Attempt any **two** of the following. 14
 - (1) Explain factors affecting enzyme activity.
 - (2) Fatty acid and essential fatty acids.
 - (3) Heteropolysaccharide.

- 3 Give detail account of : (any **one**) 12
 - (1) Classification of Lipid
 - (2) Enzyme Inhibition.

- 4 Write short note on : (any **two**) 14
 - (1) Isomerism
 - (2) Sphingolipid
 - (3) Starch.