



SB-3570

M. Sc. (Part - II) (Medical Tech.) Examination

March / April - 2011

Clinical Biochemistry : Paper - VI

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="M. Sc. (Part - 2) (Medical Tech.)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Clinical Biochemistry : Paper - 6"/>	<input type="text"/>
Subject Code No. : <input type="text" value="3"/> <input type="text" value="5"/> <input type="text" value="7"/> <input type="text" value="0"/>	Section No. (1, 2,.....) : <input type="text" value="Nil"/>
	<input type="text" value="Student's Signature"/>

- (2) Answer all the questions.
- (3) Illustrate your answers with neat diagrams whenever necessary.
- (4) Figures to the right indicate full marks.
- 1 Write any three : **3×6=18**
- (a) Gluconeogenesis
- (b) Lipogenesis
- (c) DNA replication
- (d) Estimation of urea by different methods.
- 2 Write any three : **3×6=18**
- (a) Absorption of amino acids.
- (b) Synthesis of cholesterol
- (c) Ketosis
- (d) Kwashiorkor and Marasmus.
- 3 Write any three : **3×6=18**
- (a) Recombinant DNA technology
- (b) Estimation and cholesterol and triglycerides
- (c) Glycogen breakdown and regulation
- (d) Regulation of blood glucose levels.
- 4 Write any four : **4×4=16**
- (a) Glycosylated haemoglobin
- (b) Glycosuria
- (c) Diseases associated with lipoprotein metabolism
- (d) Enzymes of prokaryotic and eukaryotic replication
- (e) Juvenile Diabetes.