



SC-3572

M. Sc. (Part - II) Examination
April / May - 2011
Medical Technology : Paper - VII
(Clinical Biochemistry II)

Time : 3 Hours]

[Total Marks :52

Instructions :

(1)

नीचे दशांशवैध 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="M. Sc. (Part - 2)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Medical Technology : Paper - 7"/>	<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="2"/>	<input type="text"/>
Section No. (1, 2,.....): <input type="text" value="Nil"/>	<input type="text"/>
	<input type="text" value="Student's Signature"/>

- (2) Answer **all** the questions.
(3) Illustrate your answer with neat diagrams whenever necessary.
(4) Figures to the right indicate full marks.

1 Discuss the inborn errors of glycogen metabolism. **10**

OR

- 1 Describe inborn metabolic disorders related to amino acids.
2 Write various methods for detection of haemoglobinopathies. **10**

OR

2 Write notes on the following : **10**
(a) Biochemical markers for cardiac disease
(b) Urinary tract infection.

3 Describe the various biochemical tests for monitoring **10**
Diabetes Mellitus patients. Write metabolic alteration of
Diabetes Mellitus.

OR

3 Write notes on the following : **10**
(a) Prehepatic Jaundice
(b) Albinism

- 4 Describe the transport of oxygen and carbon dioxide in blood. 10

OR

- 4 What is renal profile ? Discuss various tests for evaluation of renal profile. 10
- 5 Write short notes on any **three** of the following : 12
- (a) Hyperbilirubinemias
 - (b) Normal and abnormal constituents of urine
 - (c) BSP test
 - (d) Phenylketonuria
 - (e) Clearance test.
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