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SB-1104

First Year B.H.M.S. Examination

March / April - 2011

Paper - I : Physiology & Biochemistry

(New Course)

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दृशविक निशानीवाणी विगतो उत्तरवही पर अवश्य कभवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
F.Y. B.H.M.S.	<input type="text"/>
Name of the Subject :	<input type="text"/>
1 - PHYSIOLOGY & BIOCHEMISTRY (NEW)	<input type="text"/>
Subject Code No. : <input type="text"/> 1 <input type="text"/> 1 <input type="text"/> 0 <input type="text"/> 4 Section No. (1, 2,.....) : <input type="text"/> 1&2	<input type="text"/>
	Student's Signature

- (2) All questions are compulsory.
- (3) Figures to the right indicate full marks.
- (4) Draw diagrams wherever necessary.
- (5) Write both sections in separate answer sheets.

SECTION - I

1 Define Blood Groups. Write what is Landsteiner's law and discuss about Rh blood group with a note on Rh incompatibility. 15

2 Define Cardiac Cycle. Write in detail about Cardiac Cycle. 15

OR

2 Define Heart rate. Write about Marey's Law and factors affecting it. 15

3 Write short notes on : (any four) 20

- (1) Functions of RE Cells
- (2) Osmosis
- (3) Fate of RBC
- (4) Mechanism of Coagulation
- (5) Circulation of Blood

SECTION - II

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|-----------|---|-----------|
| 1 | Describe Oxygen transport in detail. | 15 |
| 2 | Describe role of renal tubules in the formation of urine. | 15 |
| OR | | |
| 2 | Describe Visual Pathway with neat labelled diagram. | 15 |
| 3 | Write short notes on : (any four) | 20 |
| | (1) Functions of skin | |
| | (2) Surfactant | |
| | (3) Taste buds | |
| | (4) JGA | |
| | (5) Hypothalamus as Thermostat. | |
