



R-1207-08
First Year B. H. M. S. Examination
February – 2010
Physiology & Biochemistry : Paper - I
(New Course)

Time : Hours]

[Total Marks : 100

R-1207

Instructions :

(1)

<p>नीचे दशांशवले निशानीवाणी विगतो उत्तरवही पर अवश्य लખवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : F. Y. B. H. M. S.</p> <p>Name of the Subject : Physiology & Biochemistry - 1 (New)</p> <p>Subject Code No. : 1 2 0 7 Section No. (1, 2,.....): 1</p>	<p>Seat No. :</p> <table border="1" style="width: 100%; height: 20px;"><tr><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td></tr></table> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; width: 100%; height: 80px; margin-top: 10px;">Student's Signature</div>						

- (2) Write in neat handwriting.
- (3) Figures to right indicate full marks.
- (4) Draw diagram wherever necessary.

- 1 What is blood? Write down composition and enumerate functions of blood. 15
- 2 What is cardiac output? Describe factors affecting cardiac output. 15

OR

- 2 Define Blood Pressure, Systolic Blood Pressure, Diastolic Blood Pressure, Mean Pressure, Pulse Pressure. Write in short factors affecting blood pressure. 15
- 3 Write short notes on : (any four) 20
 - (i) Iron deficiency Anaemia
 - (ii) Taste bud
 - (iii) Layers of Retina
 - (iv) Plasma Protein
 - (v) Light Reflex.

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1

[Contd...

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Instructions :

(1)

नीचे दृशविले निशानीवाणी विगतो उत्तरवडी 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="F. Y. B. H. M. S."/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Physiology & Biochemistry - 1 (New)"/>	<input type="text"/>
Subject Code No. : <input type="text" value="1"/> <input type="text" value="2"/> <input type="text" value="0"/> <input type="text" value="8"/>	Section No. (1, 2,.....) : <input type="text" value="2"/>
Student's Signature	

(2) Write in neat handwriting.

(3) Figures to right indicate full marks.

(4) Draw diagram wherever necessary.

1 Describe nervous regulation of Respiration. **15**

2 Describe Renin-Angiotensin Mechanism for Blood Pressure regulation. **15**

OR

2 What is Urine? How much is daily normal output of urine? Write and describe in short normal constituents of urine. **15**

3 Write short notes on : (any four) **20**

(i) Lung Compliance.

(ii) Hypoxia

(iii) Micturition

(iv) Structure of skin

(v) Role of Haemoglobin as buffer.