



RO-1543
First Year M.B.B.S. Examination
June – 2010
Physiology : Paper - I

Time : Hours]

[Total Marks : 50

Instructions :

(1)

<p>नीचे दर्शाविए निशानीवाणी विगतो उत्तरवही पर अवश्य लખवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : <input type="text" value="F. Y. M.B.B.S."/></p> <p>Name of the Subject : <input type="text" value="Physiology : Paper - 1"/></p> <p>Subject Code No. : <input type="text" value="1"/> <input type="text" value="5"/> <input type="text" value="4"/> <input type="text" value="3"/> Section No. (1, 2,.....): <input type="text" value="Nil"/></p>	<p>Seat No. : <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <div style="border: 1px solid black; border-radius: 15px; height: 80px; display: flex; align-items: center; justify-content: center; margin-top: 10px;"><p>Student's Signature</p></div>
--	--

- 1 Write short notes on : (any two) 10
- (1) Dead space
 - (2) Acclimatization at high altitude
 - (3) Glomerular filtration rate.
- 2 (a) Explain in two or three sentences : 10
- (1) Hypoproteinemia leads to edema
 - (2) Heart muscle can not be tetanised
 - (3) Apoptosis has physiologically significant role
 - (4) Severe bout of cough may lead to syncope
 - (5) Vagotomy is combined with pyloroplasty.
- (b) Briefly : 5
- (1) Write Karl land-Steiner's law
 - (2) Renal blood flow
 - (3) Types of T cells
 - (4) Any two determinants of blood pressure
 - (5) Hematocrit value in microcytic anemic.

3 Describe the composition and function of Gastric Juice. **10**

OR

3 Describe the movements of small intestine. **10**

4 Write short notes on : (any **three**) **15**

- (1) Venous return
 - (2) Fibrinolytic system
 - (3) Waves of normal ECG
 - (4) Hazards of mismatched blood transfusion.
-