



RO-1543-R
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 कर्जवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : F. Y. M.B.B.S.</p> <p>Name of the Subject : Physiology : Paper - 1</p> <p>Subject Code No. : 1 5 4 3 Section No. (1, 2,.....): Nil</p>	<p>Seat No. : <input type="text"/><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; padding: 10px; text-align: center; width: 100%;">Student's Signature</div>
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- 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.
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