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RO-1543

First Year M.B.B.S. Examination

June - 2010

Physiology : Paper - I

Time : Hours] [Total Marks : **50**

Instructions

(1)

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Fillup strictly the details of 4, signs on your answer book.
Name of the Examination :
• **F. Y. M.B.B.S.**
Name of the Subject :
1 Physiology : Paper - 1
Subject Code No. : **5 4** p-Section No. (1, 2, —): **Nil**

Seat No. :

Student's Signature

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) Hypoprotenemia leads to edema

(2) Heart muscle can not be tetanised

(3) Apoptosis has physiologically significant role

(4) Severe bought of cough may lead to syncope

(5) Vagotomy is combined with pyloroplasty.

(13) 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.

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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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