



RO-1544-R
First Year M.B.B.S. Examination
June – 2010
Physiology (Paper : II)

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 : First Year M.B.B.S.</p> <p>Name of the Subject : Physiology (Paper : 2)</p> <p>Subject Code No. : 1 5 4 4 Section No. (1, 2,.....): Nil</p>	<p>Seat No. : <table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"><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></p> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; text-align: center; margin-top: 10px;">Student's Signature</div>						

- 1 Write short note on : (any two) 10
- (1) Actions of Glucocorticoids
 - (2) Enumerate properties of receptors
 - (3) Functions of parathyroid hormone.
- 2 (a) Explain in two or three sentences : 10
- (1) Explain dark adaptation in eye.
 - (2) Nerves are indefatigable.
 - (3) Blood brain barrier is protective in nature.
 - (4) Golgi tendon reflex is protective in nature.
 - (5) Exophthalmus occurs in hyperthyroidism.
- (b) Briefly answer : 5
- (1) Pain receptors
 - (2) Serum T4(free)
 - (3) Name two method of contraception
 - (4) Name cholinergic receptors
 - (5) Photoreceptors in fovea.

3 Describe the functions of hypothalamus. **10**

OR

3 Describe the functions of basal ganglia and its applied Physiology. **10**

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

(1) Hormonal control of spermatogenesis

(2) Functions of placenta

(3) Errors of refraction

(4) Accommodation reflex.
