

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

Time : Hours]

[Total Marks : 50

Instructions

(1)

<p style="font-size: small;">Fillup strictly the details of 4, signs on your answer book.</p> <p>Name of the Examination : _____</p> <p style="text-align: center;">First Year M.B.B.S.</p> <p>Name of the Subject : _____</p> <p>W-I Physiology (Paper : 2)</p> <p>Subject Code No. : 5 4 4 Sub-Section No. (1, 2, 3) : Nil</p>	<p>Seat No. : _____</p> <div style="border: 1px solid black; width: 100px; height: 100px; margin: 10px auto; border-radius: 15px; display: flex; align-items: center; justify-content: center;"> <p style="margin: 0;">Student's Signature</p> </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.
-

www.FirstRanker.com