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

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 :
First Year M.B.B.S.
Name of the Subject :
I Physiology (Paper : 2)
ect Code No. **5 4 4** p-Section No. (1, 2,): **Nil**
Subj

Seat No. :

Student's Signature

1 Write short note on : (any **two**) **10**

(1) Actions of Glucocorticoids

(2) Enumerate properties of receptors

(3) Functions of parathyriod 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.

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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.

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