

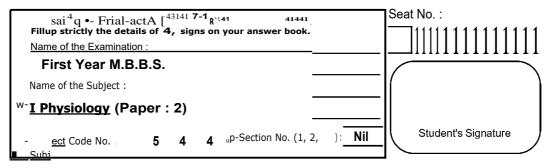
## POE RO-1544

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

Time: Hours] [Total Marks: 50

## **Instructions**

(1)



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	10
	Physiology.	
4	Write short notes on: (any three)	15
	(1) Hormonal control of spermatogenesis	
	(2) Functions of placenta	
	(3) Errors of refraction	

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(4) Accommodation reflex.

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