

Date: 09-01-2017

0117 E016

First Year MBBS Examination

I MBBS Physiology Paper 2

Time: 3 hours

Max Marks: 50

Instructions: 1. Answer to the points. 2. Use separate answer books for each section. 3. Draw diagrams wherever necessary.

Section 1

1. Give an account of any TWO of the following (10)
 - a. Neuromuscular junction
 - b. Layers of retina
 - c. Conditioned reflex
2. Write Short notes of (any two) (6)
 - a. Synthesis of thyroid hormone
 - b. Feedback mechanism
 - c. Functions of corticosteroid
3. ~~Write short note on any one (3)~~

- a. Oviposition
 - b. Spermatogenesis
4. Discuss Any TWO (6)
- a. Composition and functions of pancreatic juice
 - b. Functions of gall bladder
 - c. Vomiting

Section 2

5. Write Short notes on (any two) (10)
- a. Sensory receptors
 - b. Describe extrapyramidal pathway and its function
 - c. Sympathetic nervous system
5. Write Short notes on (any two) (6)
- a. Middle ear functions
 - b. Photoreceptors
 - c. Taste bud
7. Write short note on any one (3)
- a. Myasthenia gravis
 - b. Myoproteins
3. Give your comments with justification of Any SIX: (6)
- a. Functions of 8th cranial nerve
 - b. Functions of CSF
 - c. Name any two sensory tracts
 - d. What is paradoxical sleep?
 - e. Name the EEG waves.
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- f. What is rigor mortis?
- g. Name adrenergic receptors.
- h. Any two functions of hypothalamus.

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