

First Year MBBS Examination

I MBBS Physiology Paper 2

Date: 01-08-2017 0817 E157

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. Write briefly on any TWO of the following (10)
 - a. Write in detail about dorsal column tracts. Add a note on Asteriognosis
 - b. Describe Posterior Pituitary hormones. Write about Diabetesinsipidus
 - c. Functions of Basal Ganglion? Write about Parkinson Disease.
2. Write Short notes of (any two) (6)
 - a. Describe metabolic functions of Insulin
 - b. Cretinism
 - c. Mechanism of action of Growth hormone
3. Write briefly on any one (3)
 - a. LH Surge
 - b. Male contraceptive methods
4. Discuss Any TWO (6)
 - a. Describe typical section of gut with diagram

- b. Enteroheptic circulation
- c. Peristalsis

Section 2

- 5. Write Short notes on (any two) (10)
 - a. Write about stretch reflex? Add a note on inverse stretch reflex.
 - b. Thalamus connections & functions
 - c. Describe mechanism of speech classify speech disorder
 - 6. Write Short notes on (any two) (6)
 - a. Describe light adaptation & dark adaptation
 - b. Impedance matching
 - c. Colour vision
 - 7. Write briefly on any one (3)
 - a. Wallarian degeneration & Regeneration
 - b. Isotonic & isometric contractions with examples.
 - 8. Give your comments with justification of Any SIX: (6)
 - a. Gastrin
 - b. Sarcomere
 - c. Wernicke's area
 - d. Ageusia
 - e. GABA
 - f. Vestibulo cerebellum
 - g. Myopia
 - h. Tetany
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