

Date: 08-01-2013

0113 E026

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. Write briefly on (any two): (10)

- a. Sliding filament theory of muscle contraction
- b. Sleep
- c. Errors of refractionRenal

2. Write briefly on (any two): (6)

- a. Cushing's Syndrome
- b. Actions of Insulin
- c. Control of TSH Secretion

3. Write briefly on (any one): (3)

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- a. Puberty

b. Placental Hormones

4. Write briefly on (any one): (6)

- a. Functions of saliva
- b. Regulation of secretion of pancreatic juice
- c. Movements of large intestine

Section 2

5. Write briefly on (any two): (10)

- a. Functions of hypothalamus
- b. Properties of synapse
- c. Tracts carrying somatic sensations

6. Write briefly on (any two): (6)

- a. Color vision
- b. Organ of Corti
- c. Receptors in vestibular apparatus

7. Write briefly on (any one): (3)

- a. Neuroglia
- b. Contractile protein

8. Write answers in two or two sentences (any six):
(6)

- a. Osteoporosis.
- b. CSF.
- c. Flight or Fight Response.
- d. Referred pain
- e. Chyme.
- f. Bile pigments.
- g. G " cells or Gastrin cells.
- h. Night blindness.

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