

Date: 06-01-2014

0114 E055

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. Effects of cerebellar lesions
- b. Peptic ulcers
- c. Effects of insulin lack in body

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

- a. Functions of thyroxine in body
- b. Role of hormone in regulation of calcium
- c. Melatonin

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

- a. Factors affecting spermatogenesis
- b. Lactation

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

- a. Vomiting
- b. Cephalic phase of gastric secretion
- c. Secretin

Section 2

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

- a. Pain pathways
- b. EEG
- c. Functions of basal ganglia

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

- a. Accommodation in eye
- b. Pathway of taste
- c. Deafness

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

- a. Conduction in nerve fibres
- b. Sarco tubular system

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

- a. Placenta is essential for survival of fetus give reason.
- b. Travel sickness
- c. Tone in muscles
- d. Goiters are observed in certain endemic area in India, give reason.
- e. Blood brain barrier
- f. Amenorrhea is observed during lactation, give reason.
- g. Mechanisms of diabetic com
- h. Neurotransmitters in Autonomic nervous system.

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