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B-4004

First Year M. B. B. S. Examination

May / June - 2017

Physiology : Paper - II

Time : $2\frac{1}{2}$ Hours] [Total Marks : 50

Instruction :

જોડે આપેલ ☛ ચિહ્નોવાળી વિગતો ઉત્તરવહી પર બરાબર ભરવી. Fill up strictly the details of ☛ signs on your answer book.	Seat No. :
Name of the Examination : FIRST YEAR M. B. B. S.	
Name of the Subject : PHYSIOLOGY : PAPER - 2	
☛ Subject Code No. : 4 0 0 4 ☛ Section No. (1, 2,...) : 1&2	Student's Signature

SECTION - I

1 Describe structure, functions and abnormalities of Basal ganglia. 8

2 Write notes on : (any three out of four) 12

(a) Parathormone

(b) Actions of Insulin

(c) Hypothyroidism

(d) IUCD.

3 Answer in short : (any five out of six) 5

(a) Define spermiogenesis.

(b) Cause and features of Acromegaly.

(c) Functions of Calcitonin.

(d) Enumerate layers of Retina.

(e) Features of Cushing's Syndrome.

(f) Define Puberty.

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SECTION - II

4 Answer in short : (any four out of five) 8

(a) Corpus albicans.
(b) Differentiate between Spermatogenesis and Spermiogenesis.
(c) Describe Mass Reflex.
(d) Functions of Sertoli cells.
(e) Secretory Phase of menstrual cycle.

5 Write notes on : (any three out of four) 12

(a) Olfaction
(b) Mechanism of hearing
(c) Visual reflexes
(d) Colour vision.

6 Answer in 1 - 2 sentences : (any five out of six) 5

(a) Types of sleep.
(b) Define posture.
(c) Two functions of Thalamus.
(d) Define Aphasia.
(e) Give example of Conditioned reflex.
(f) Name two Sensory pathways.

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