


ER-4004
First Year M. B. B. S. Examination
January - 2017
Physiology : Paper - II

 Time : $2\frac{1}{2}$ Hours]

[Total Marks : 50

Instruction :

બેંકે કાગળ પર ચિહ્નો ફક્ત જવાબ લખવા માટે. 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

- Give details on Composition, Synthesis and Functions of CSF. 8
- Write notes on : (any three out of four) 12
 - Synthesis of Thyroid hormone
 - Testosterone
 - Sympathetic nervous system
 - Safe period.
- Answer briefly : (any five out of six) 5
 - What is Ovulation ?
 - Dwarfism.
 - Function of Parathormone.
 - Photoreceptors.
 - Role of mineralocorticoids.
 - Name any two motor pathways.

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[Contd...

SECTION - II

- 4 Answer in short : (any four out of five) 8
- Corpus luteum
 - Negative feedback mechanism.
 - What is menopause ?
 - What is spermatogenesis ?
 - Define synapse. Write physiological classification of Synapses.
- 5 Short notes on : (any three out of four) 12
- Functions of middle ear
 - Taste receptor
 - Layers of retina
 - Semicircular canals.
- 6 Answer in 1-2 sentences : (any five out of six) 5
- What is REM sleep ?
 - Name of speech areas.
 - Function of frontal cortex.
 - Write any two functions of hypothalamus.
 - Cause of parkinsonism.
 - Name any two sensory receptors.