



RAN-7021

Second Year B.Sc (Sem-IV) Examination

March / April - 2019

MT-09 : Human Anatomy and Physiology-II

Time: 2 Hours]

[Total Marks: 50

સૂચના : / Instructions

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

Second Year B.Sc (Sem-IV)

Name of the Subject :

MT-09 : Human Anatomy and Physiology-II

Subject Code No.: 7 0 2 1

Seat No.:

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Student's Signature

Q 1. Answer the following: (08)

- What is Endocrine gland? Give its function?
- How many unpaired cartilage in the larynx?
- Name the layers of scrotum.
- Give the difference between white matter and grey matter.

Q 2. Answer any two of the following: (14)

- What is lymph? Explain its two functions and write about its circulation.
- Distinguish between sympathetic and parasympathetic system.
- What is full form of GH and name the gland that secretes it. Give any two functions of it. Name the hormone that inhibits the secretion of GH and disorder caused due to failure of its secretion.

Q3. Answer any two of the following: (14)

- Explain structure of Eye.
- What is the justification for calling pituitary gland a master gland? Describe the role of two hormones in chemical reactions.
- Discuss the significance of haemoglobin in respiration.

Q 4. Write short notes on: (any two)

(14)

- a) Vital capacity.
 - b) Arterial blood pressure.
 - c) Tympanum.
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