



RAN - 2003000204020072

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**S. Y. B. Sc. (Old Coures) (Sem. : IV) Examination April - 2025**

**Medical Laboratory Technology**

**(Human Anatomy & Physiology - II) (Paper : MLT - 09)**

**Time: 2 Hours ]**

**[ Total Marks: 50**

**સૂચના : / Instructions**

(૧)

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

Name of the Examination:

**S. Y. B. Sc. (Old Coures) (Sem. : IV)**

Name of the Subject :

**Medical Laboratory Technology  
(Human Anatomy & Physiology - II) (Paper : MLT - 09)**

Subject Code No.: **2003000204020072**

Seat No.:

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Student's Signature
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- (2) All questions are compulsory.  
(3) Draw diagrams wherever necessary

**Q.1 Answer in brief**

**8**

1. Give the location of different papillae and functions of tongue.
2. What are Leydig cells? Give their function.
3. Which secretion is secreted by sebaceous gland? State its role.
4. Draw a neat and labelled diagram of larynx.

**Q.2 Attempt any TWO of the following:**

**14**

1. Describe the structure & function of the teeth.
2. Explain the functions of skin.
3. Describe the structure and function of trachea

**Q.3 Write essay on any *ONE* of the following: 14**

1. Describe the structure and function of testes & explain the process of ejaculation.
2. The alveoli offer a good respiratory surface for gaseous exchange. Justify.

**Q.4 Write short note on any *TWO* of the following: 14**

1. Layers of GIT.
  2. Formation of urine.
  3. Ovary
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