


RAN-2403000501027003
F.Y.B.Sc. (Sem. - I) Examination November - 2025
Medical Laboratory Technology
MLT MJ2 : 102 : Human Anatomy And Physiology
Time: 1.30 Hours]
[Total Marks: 38
સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book
- (2) Q.1 is a compulsory question.
- (3) Draw diagrams wherever necessary.
- (4) Figures to the indicates the marks allotted to the questions.

Seat No.:

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Student's Signature

ENGLISH VERSION
Q.1. Answer in one or two sentences each: (Any 8) (08)

1. By which process large molecules cross the cell membrane?
2. What is the function of plasma cells?
3. Which cells are present in the lining of mucous membrane of nose?
4. It is a reproductive gland in male.
5. Enlist the parts of pharynx.
6. Which hormones are secreted by pancreas?
7. Name the three layers of meninges which covers the brain and spinal cord.
8. What happens during the S phase Interface during a cell cycle?
9. The deeper layers of cerebrum consists of _____.

Q.2. Answer the following: (Any Two): (10)

1. Write a note on Muscular tissue.
2. How are substances transported across cell membrane via active transport and bulk transport?
3. Explain as blood as a liquid connective tissue.

Q.3. Attempt the following: (Any Two): (10)

1. Describe the parts of large intestine.
2. Discuss the structure and function of Urinary bladder.
3. Write a note to describe external genitalia of female reproductive system.

Q.4. Answer the following: (Any Two): (10)

1. Describe the structure of bronchi and bronchioles.
2. Write a note on: Nose
3. Describe the gross anatomy of brain stem and cerebellum.