



RAN - 2103000205021054

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T.Y.B.Sc. (Sem. V) Examination November - 2023

Bioscience (Microbiology)

Medical Physiology : BS - 504

Time: 2 Hours]

[Total Marks: 50

सूचना : / Instructions

(१)

नीचे दशविवेक निशानीवाणी विगतो उत्तरवली पर अवश्य लपववी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

T.Y.B.Sc. (Sem. V)

Name of the Subject :

Bioscience (Microbiology) Medical Physiology : BS - 504

Subject Code No.: **2103000205021054**

Seat No.:

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Student's Signature

- (2) Figures to the right indicate full marks.
(3) Draw neat & clean diagram wherever necessary.

Q. 1 Multiple choice questions:

08

- Largest salivary gland is _____.
 - submaxillary
 - parotid
 - sublingual
 - infraorbital
- The alimentary canal is typically longer in _____.
 - herbivores
 - carnivores
 - insectivores
 - omnivores
- Glisson capsule is seen in
 - Kidneys
 - Liver
 - Pancreas
 - Stomach
- Which enzyme is activated by bile salts?
 - Lipase
 - Pepsinogen
 - Pancreatic lipase
 - Trypsin
- Which of the following organs functions as an air conditioner?
 - Larynx
 - Pharynx
 - Nasal chambers
 - All

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[1]

[P.T.O.]

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6. Another name for Bulbourethral gland is _____
- a. Meibomian gland b. Prostate gland
c. Perineal gland d. Cowper's gland
7. This substance cannot pass through semi permeable walls of glomerulus _____
- a. Globulin b. Albumin
c. Blood cells d. All
8. GnRH directly stimulates release of _____
- a. FSH b. Progesterone
c. Estrogens d. Thyrocalcitonin

Q. 2 (A) Short answer question. 4

1. Give the name of T3 and T4 hormone.
2. State the chemical aspect of bile.
3. What are reserve cells?
4. Enlist the various parts of stomach.

(B) Write short notes. (Any Two) 10

1. Cortical Hormones.
2. Gastric juice.
3. Function of liver.

Q. 3 Describe in detail the histology & physiology of small intestine. 14

OR

Q. 3 Answer the following questions. 14

1. Write a brief note on histological and functional aspects of pancreas.
2. Draw a neat & labelled diagram of Nephron & LS of Kidney

Q. 4 Write a detail note on - The Master gland. 14

OR

Q. 4 Answer the following questions. 14

1. Draw a neat & labelled diagram of TS of testes.
2. Write a note on regulation of thyroid hormones