

2103000205021054
EXAMINATION FEBRUARY-MARCH 2024
BACHELOR OF SCIENCE (FIFTH SEMESTER)
BIO SCIENCE (MICROBIOLOGY) PAPER - IX
BS-504-MEDICAL PHYSIOLOGY - LEVEL 2

[Time: As Per Schedule]

[Max. Marks: 50]

Instructions:

1. Fill up strictly the following details on your answer book

- a. Name of the Examination: **BACHELOR OF SCIENCE (FIFTH SEMESTER)**
 - b. Name of the Subject: **BIO SCIENCE (MICROBIOLOGY) PAPER - IX BS-504-MEDICAL PHYSIOLOGY – LEVEL 2**
 - c. Subject Code No: **2103000205021054**
2. Draw neat and clean diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

Q.1 Multiple choice questions (MCQs):

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1. Digestion of protein is necessary due to _____
 - a. Proteins are not absorbed as such
 - b. Proteins are large molecules
 - c. Proteins have complex structure
 - d. Proteins are made up of amino acids

2. _____ enzyme required bile salt as activator
 - a. Lipase
 - b. Pepsinogen
 - c. Pancreatic lipase
 - d. Trypsin

3. _____ secrete the testosterone
 - a. Sertoli cells
 - b. Cells of germinal epithelium
 - c. Interstitial cells
 - d. Secondary spermatocytes

4. Largest salivary gland is _____
 - a. sub maxillary
 - b. parotid
 - c. sublingual
 - d. infraorbital

5. Payer's patches is present in _____
- Stomach
 - Pancreas
 - Liver
 - Duodenum
6. After ovulation, the Graafian follicle becomes an endocrine organ called _____
- Fibrin
 - Ovarian tube
 - Globulin
 - Corpus luteum
7. Which of these diseases is not related to thyroid glands?
- Cretinism
 - Myxoedema
 - Goiter
 - Acromegaly
8. If the vas deferens of a man is surgically disconnected then;
- Sperms in the semen will be without nuclei
 - Semen will be without sperms
 - Spermatogenesis will not occur
 - Sperms in the semen will be non-motile

Q.2 (A) Short answer question 4

- Which organ has cortex & medulla?
- Give the full form of GHRH, GnRH
- State the name of cell present in gastric gland.
- Where is the location of reserve cells?

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

- Bile
- Wall of alimentary tract
- Hypothalamic hormone

Q.3 Describe in detail histology of Kidney 14

OR

Answer the following. 14

- Draw neat & labelled diagram of small intestine.
- Describe in brief physiological aspects of pancreas.

Q.4 Write an essay on - Hypothalamus.

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OR

Answer the following.

14

1. Write a note on - Hormones of Adrenal cortex.
2. Describe in brief general characteristics of hormone.
