

2209H003

SECTION –B (ESSAY TYPE QUESTIONS)
(5x10=50 Marks)

1. Define histology of lungs? Explain the mechanism of respiration.
2. Describe structure and function Pharynx.
3. Describe about immunity and its types.
4. Describe physiology of human kidney.
5. Write down the process of neuromuscular transmission of impulses.
6. Describe the oxygen dissociation curve.
7. Describe one method of determination of blood pressure in human beings.
8. Describe the physiology of human heart.

==END OF PAPER==

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BACHELOR OF VOCATION
Medical Laboratory Technology (MLT)
Subject: Physiology-II
Subject Code: LSH-701
Semester: Fifth
September 2022
Theory (External): 70 Marks
Time: 03 Hours

Instructions to the Students

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of objective type in nature. All questions are compulsory. Each question carries 2 marks.
3. Section B comprises 8 essay type questions out of which students need to do any 5. Each question carries 10 marks.
4. Read the questions carefully and write the answers in the answer sheets provided.
5. Do not write anything on the question paper.
6. Wherever necessary, the diagram drawn should be neat and properly labelled

Roll Number

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SECTION –A (SHORT/OBJECTIVE TYPE QUESTIONS)
(10x2=20 Marks)

- A. The small intestine has three parts. The first part is called
- Duodenum
 - Oesophagus
 - Larynx
 - None of the above
- B. _____ is a characteristic feature of epithelial cells of the intestine
- Glottis
 - Pilus
 - Bolus
 - Microvilli
- C. Nyctalopia can occur due to the deficiency of
- Vitamin A
 - Vitamin C
 - Vitamin K
 - Vitamin B2
- D. Which cell organelle is involved in apoptosis?
- Lysosome
 - ER
 - Golgi
 - Mitochondria
- E. The Action of Parathormone in the Human Body
- Decreases blood sodium level
 - Increases blood sodium level
 - Decreases blood calcium level

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- d) Increases blood calcium level
- F. Glucagon
- Accelerates protein synthesis within cells
 - Accelerates the conversion of glycogen into glucose
 - Decreases the conversion of glycogen into glucose
 - Slows down glucose formation from lactic acid
- G. Diabetes Mellitus is a Hormonal Condition in which
- Ketone bodies increases in urine
 - Ketone bodies decreases in urine
 - Urine becomes more dilute
 - None of the above
- H. What does Somatostatin do?
- Inhibits release of insulin and glucagon
 - Stimulates release of insulin and glucagon
 - Stimulates glucagon release while inhibits insulin release
 - Inhibits glucagon release while stimulates insulin release
- I. In muscle contraction, this ion is essential
- Cl
 - Ca
 - K
 - Na
- J. Division of joints fibrous in nature permitting no movement is
- Tendons and tibia
 - Ligaments and femur
 - Diarthrosis
 - Synarthroses