

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (Operation Theatre Technology) (Sem.-2)

HUMAN ANATOMY AND PHYSIOLOGY-II

Subject Code : BSOT201-19

M.Code : 79836

Date of Examination : 13-12-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

SECTION-A

1. Write briefly :

- a) Enlist the various functions of nose.
- b) What is cardinal principle?
- c) Write down the different layers of alimentary tract with their functions.
- d) What do you mean by hepatocytes and canaliculi?
- e) Describe the different parts of nephron.
- f) Define menstrual cycle. Enlist its various phases.
- g) What do you mean by extra- embryonic membranes?
- h) What is the role of neurotransmitters in nerve impulse?
- i) What are different functions of Pancreas?
- j) Illustrate the constituents of gastric juice.

SECTION-B

2. Write a short note on the structure and functions of ear.
3. What are different types of body fluids? What are general principles for fluid balance?
4. Discuss the location and functions of Liver.
5. Write down the anatomy and physiology of kidney with well labelled diagram.
6. Write down the location and structure of endocrine glands.

SECTION-C

7. Discuss in detail about the anatomy and physiology of male reproductive system.
8. Explain in detail about the location and functions of cranial nerves.
9. Explain the structure of small intestine and physiology of digestion and absorption of lipids.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.