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Total No. of Printed Pages: [01]

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B.Sc. Cardiac Care Technology (Semester – 2nd)

HUMAN ANATOMY- PART II

Subject Code: BCCTS1-201

Paper ID: [21132407]

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Attempt All :

- a. What are the three parts of the human ear? What is the function of the Eustachian tube?
- b. Functions of cerebellum.
- c. Draw the structure of neuron?
- d. Name the types of neuroglia found in the central nervous system and its function.
- e. Name the three layers of the meninges from outermost to innermost. What is the function of the meninges?
- f. Where are the adrenal glands located in the body? What hormones are produced by the adrenal cortex?
- g. Name the cranial nerves.
- h. What are lymphoid organs? Give their examples and functions.
- i. Name the major regions where superficial lymph nodes are found in the human body. How do lymph node groups contribute to the body's defense against infections and diseases?
- j. Name the two main divisions of the autonomic nervous system. What is its role in the human body?

Section – B

(5 marks each)

- Q2. Cerebrospinal fluid – production and function
- Q3. Describe the anatomy and functions of Thyroid gland.
- Q4. Draw cut section of Eye ball and Label.
- Q5. Describe the parts of male reproductive system with diagram.
- Q6. Write about the anatomy and functions of spinal cord.

Section – C

(10 marks each)

- Q7. What are the different parts of brain? Describe the function of lobes of brain. Briefly mention the blood supply to brain.
- Q8. Describe structure of the pituitary gland, hormones secreted by the anterior pituitary and their functions.
- Q9. Explain female reproductive system in detail.