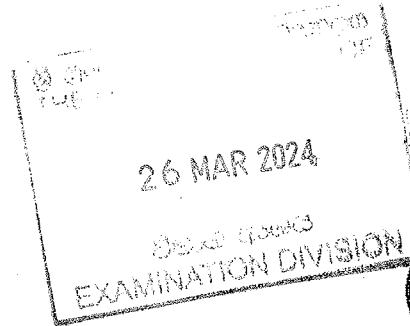


**THE OPEN UNIVERSITY OF SRI LANKA**  
**FACULTY OF HEALTH SCIENCES**  
**DEPARTMENT OF BASIC SCIENCES**  
**ACADEMIC YEAR 2023/2024 – SEMESTER 01**  
**BACHELOR OF PHARMACY HONOURS**  
**BACHELOR OF MEDICAL LABORATORY SCIENCES HONOURS**  
**BSU3230 – HUMAN ANATOMY – LEVEL 03**  
**FINAL EXAMINATION**  
**DURATION: TWO HOURS**



045

DATE: 26.03.2023

TIME: 1.30- 3.30 pm

INDEX NO: .....

**PART B – STRUCTURED ESSAY QUESTIONS**

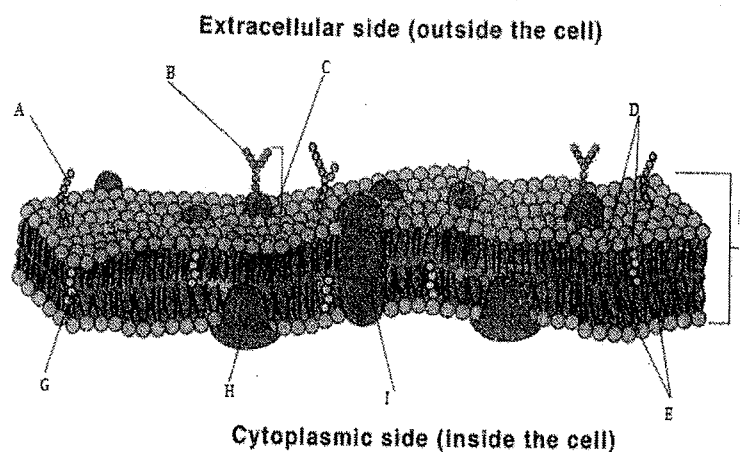
*(40 marks)*

Write answers in the space provided.

01.

- a. Identify the given diagram and name the parts from A to I

**(10 marks)**





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**b. Draw a clearly labelled diagram of a typical neuron (05 marks)**

**c. Write down the structural organization of the body in order of increasing complexity (03 marks)**

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**d. Name a hormone produced by the kidney (02 marks)**

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**02.**

**a. Draw a clearly labelled diagram of a sperm. (05 marks)**

**b. Name major two (02) types of cells present in human pancreas and give one (01) secretion for each type (04 marks)**

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**c. List three (03) types of cartilage found in the human body. (06 marks)**

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**d. List the types of meninges in the central nervous system (CNS) (03 marks)**

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**e. Name the cell that secretes acid in the stomach. (02 marks)**

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INDEX NO: .....

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**PART C – ESSAY QUESTIONS**

*(40 marks)*

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**Write answers to all the questions.**

**01.**

- a. Briefly describe the valves of the heart **(10 marks)**
- b. Briefly discuss the process of respiration **(10 marks)**

**02.**

- a. Briefly describe the anatomical structure of the small intestine **(10 marks)**
- b. Describe the features of smooth muscle cell with the help of diagram **(10 marks)**

