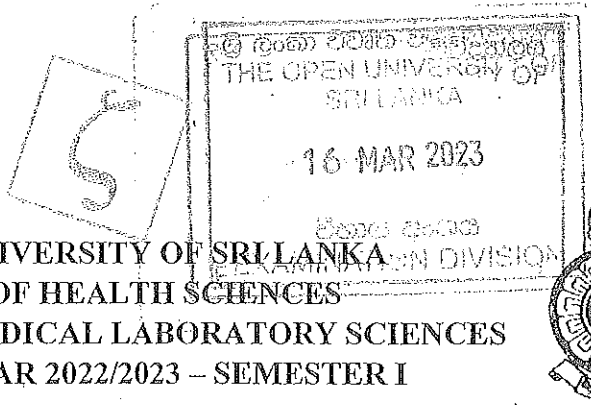


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THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF MEDICAL LABORATORY SCIENCES
ACADEMIC YEAR 2022/2023 – SEMESTER I

BACHELOR OF MEDICAL LABORATORY SCIENCES HONOURS
MDU4209 – GENERAL PATHOLOGY
FINAL EXAMINATION

DURATION: 02 HOURS

DATE: 16th March 2023

TIME: 01.30 PM – 03.30 PM

INDEX NO:

Part B: Structured Essay Questions (60 marks)

Q1.

1.1 Define the term "neoplasm". (04 Marks)

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1.2 List three (03) differences between hyperplasia and neoplasia. (06 Marks)

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1.3 List five (05) differences between benign and malignant tumours. (10 Marks)

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(Total 20 marks)

Q2.

2.1. Define the term “inflammation”.

(04 Marks)

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2.2 State three (03) functions of each of the following cells in inflammation.

(06 Marks)

Neutrophils:

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Monocytes/Macrophages:

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Mast cells:

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2.3 Briefly describe the cellular and vascular changes occur in acute inflammation.

(10 Marks)

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(Total 20 marks)

Q3.

3.1 List the steps in scar formation. (04 Marks)

- I.
- II.
- III.
- IV.

3.2 Give two (02) examples each for the following tissue types. (06 Marks)

Labile tissue:

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Stable tissue:

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Permanent tissue:

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3.3 Briefly describe the chronic granulomatous inflammation giving examples. (10 Marks)

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(Total 20 marks)

Part C: Essay Question. (20 marks)

Q1. Write an essay on two distinct types of pathological calcification indicating its causes, pathogenesis and examples for each type. **(20 Marks)**

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