

INDEX NO00108

THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF MEDICAL LABORATORY SCIENCES
ACADEMIC YEAR 2020/2021 – SEMESTER II

BACHELOR OF MEDICAL LABORATORY SCIENCES HONOURS
MDU5304 – LABORATORY MANAGEMENT
FINAL EXAMINATION

DATE: 29TH SEPTEMBER 2022

TIME: 09.30 AM -- 12.30 PM

Part B: Structured Essay Questions (40 marks)

Q1.

1.1 What is 'Scope of the Medical Laboratory'? (03 Marks)

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1.2 State four (04) structural levels of network of public sector medical laboratory services. (04 Marks)

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

1.3 State three (03) types of fire extinguishers and the main use of each in a laboratory setting. (03 marks)

Type	The main purpose of use

(Total 10 marks)

Q2.

2.1 The abbreviated term PESTAL is used in management analysis. Write what stands for each letter. (03 Marks)

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2.2 State four (04) components of strategic planning process. (04 Marks)

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

2.3 Outline giving three (03) reasons why SWOT analysis is important to a laboratory manager? (03 Marks)

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(Total 10 marks)

Q3.

3.1 Define the term "Performance Management". (03 Marks)

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3.2 State three (03) objectives of human potential planning. (03 Marks)

- I.
- II.
- III.

3.3 Outline four (04) functions of financial management. (04 Marks)

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

(Total 10 marks)

Q4.

4.1 What is "Bin card" in procurement process? (02 Marks)

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4.2 State the storage conditions of following laboratory chemicals. (08 Marks)

4.2.1. Flammables

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4.2.2. Oxidizers

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4.2.3. Compressed gases

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4.2.4. Acids

(Total 10 marks)

Part C: Essay Questions (30 marks)

Q1. Briefly explain the key elements of a successful Health and Safety Management System in a medical laboratory. (15 Marks)

Q2. Write an essay on laboratory analytical information management system. (15 Marks)

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