

THE OPEN UNIVERSITY OF SRI LANKA
DIPLOMA IN MICROBIOLOGY – LEVEL 3

FINAL EXAMINATION – 2023/2024

BYD3313 – LABORATORY MANAGEMENT AND QUALITY ASSURANCE

DURATION - TWO (02) HOURS



Reg. No.

Date: 30.11.2024

Time: 9.30 am – 11.30 am

Answer four questions only.

1. a. List three (03) emergency equipment that should be available in a laboratory. (30 marks)
 b. State ten (10) laboratory safety precautions and briefly discuss the importance of each. (70 marks)
2. a. What are the two (02) main usages of a biosafety cabinet? (20 marks)
 b. Briefly describe ten (10) safety measurements before and after using a biosafety cabinet. (80 marks)
3. a. List four (04) skills of a good laboratory administrator. (40 marks)
 b. Briefly explain five (05) key areas which laboratory administration should focus on. (60 marks)
4. a. Briefly discuss five (05) main laboratory procedures. (50 marks)
 b. Briefly explain five (05) main aspects of laboratory ethics. (50 marks)
5. a. Briefly describe prohibited wastes and restricted wastes with examples. (30 marks)
 b. Briefly explain seven (07) types of wastes found in laboratories. (70 marks)
6. a. State four (04) uses of biohazardous materials in laboratory systems. (40 marks)
 b. Briefly discuss six (06) key points to be considered when working with biohazardous materials. (60 marks)

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