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FACULTY OF ALLIED HEALTH SCIENCES, UNIVERSITY OF RUHUNA Department of Medical Laboratory Science Year End Examination, Year 1 - 2017/2018 (11th) Batch MLS 1104 - Medical Laboratory Practice – SEQ

Date: 28th August 2020

Time: 8.30 a.m. - 9.30 a.m. Duration: 01 hour

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Answer all questions

Write two precautions to be taken while handling a micropipette. (05 marks) 1.1 Write four precautions to be taken while handling a pH meter. (10 marks) 1.2 What is meant by calibration of an instrument? (10 marks) 1.3 Name three instruments in a general laboratory that should be (15 marks) 1.4 calibrated periodically. (10 marks) Name two occasions where it is mandatory to calibrate an 1.5 instrument.

1.6 Draw the standard symbols to denote the following dangers in the (10 spaces given below.

(10 marks)

(a) Fl	ammable	 (b) Explos	ive
50		1949-014	
	1.	208 3.0	

(a) Standard Operating Procedure (SOP) (20 marks)

(b) Safe handling of a Bunsen burner in a laboratory.

(20 marks)

2.1 2.1.1 A blood sample has been received to the Haematology (25 marks) Laboratory for ESR test with a request from. Discuss the preanalytical aspects that should be fulfilled before processing the sample for ESR.

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2.1.2 Briefly explain the importance of using personnel protective (10 marks) equipment when handling a blood sample. 2.1.3 While performing the above ESR, blood was spilled out. (15 marks) Describe how would you manage the above blood spillage.

	You are the quality manager of the "ABC" laboratory. The management of the laboratory requests you to prepare for getting accreditation for the Haematolog tests done in this laboratory.				
	2.2.1 What is meant by "Medical Laboratory Accreditation"?	(10 marks			
	2.2.2 Name the authoritative accreditation body in Sri Lanka.	(05 marks			
	2.2.3 Discuss the importance of getting accreditation for the Medical Laboratory under ISO 15189 standard.	(20 mark			
2.3	Briefly explain the ethical aspects of handling patient reports.	(15 mar)			

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