COLLEGE OF HEALTH, AGRICULTURE & NATURAL SCIENCES
DEPARTMENT OF HEALTH SCIENCES
BACHELOR OF MEDICAL LABORATORY SCIENCES HONOURS

SLS 203 HAEMATOLOGY PRACTICAL

END OF FIRST SEMESTER EXAMINATIONS

NOVEMBER 2018

LECTURER: P. NAGO

DURATION: 3 HOURS

INSTRUCTIONS

Do not write your name on the answer sheet

Use Answer Sheets Provided

Begin your answer for Each Question on a New Page

Credit is Given for Neat Presentation

Question 1

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a) Measure the packed cell volume(PCV) of the given sample marked PM and record the value using correct units (10marks)

b) Briefly describe the value/ clinical significance, of the test: PCV (5marks)

c) What is the formula for obtaining PCV (1Mark)

d) What are the sources of error in measuring PCV, name five (10marks)

Question 2

(a) Perform a differential leukocyte count on the stained peripheral blood smear labeled: DIFF 2018 and record the results. (15marks)

(b) When interpreting the differential count results, clearly explain if making use of only relative(percentage) values can be relied on (5marks)

(c) When performing a differential count, how can one differentiate an eosinophil from a small lymphocyte (4marks)