

c) Name 2 media which can be placed in 1 mark

Spot II

a) Identify the spot labeled M2 1 Mark

b) Name the medium which was used for the test 1 Mark

c) Record the results 2 marks

Question 2 Clinical Chemistry (30 marks)

You are provided with a specimen labeled B. With reagents provided, perform Pandy test and answer the following questions:

A) Describe the test performed and report your findings (13 Marks)

B) (i) What name describes the procedure for collection of specimen “B”

(3 Marks)

(ii) Name the important precaution to be considered during the procedure in B “I” above (2 Marks)

C) Name any three pathological conditions which may be diagnosed using the specimen “B”

(6 marks)

SPOT III

i) Name the spot (3 marks)

ii) Give one use of the spot (3 Marks)

Question 3 Hematology (30 marks)

- A. You are provided with a hematological sample labeled N, using the reagents and apparatus provided, perform a reticulocyte count. (Brief procedures are required).
(20 marks)

B. SPOTS

Spot IV 5mks

- a. Identify spot IV
- b. State the use of the spot
- c. Give the alternative of the spot

Spot V 5mks

- a. Identify the clinical feature in spot V
- b. What is the cause of the condition occasioned by the above

Question 4 Blood Transfusion (30 marks)

You are provided with a blood sample O, patient serum P and patient cells X and request for unit of blood from the Ante Natal Clinic.

With reagents and apparatus provided, perform crossmatch and issue blood for transfusion (brief procedures are required) (30mks)

Question 5 Histology (30 marks)

1. You have been provided with a tissue section labelled H, using the reagents provided, stain and give the results (12 marks)

2. SPOTS

i. SPOT VI

- i. Name spot VI (1 mark)
- ii. Name the use of spot VI (1 mark)
- iii. Name five parts of spot VI and their functions (5 marks)

SPOT VII

- i. Name spot VII (1 mark)
- ii. Name the function of spot VII (2 marks)
- iii. Name two other materials used for making spot VII (3 marks)

SPOT VIII

- i. Name spot VIII (1 mark)
- ii. Write three uses of spot VIII (3 marks)
- iii. Describe the condition of its storage (1 mark)

Question 6 Parasitology (30 marks)

You are provided with stool specimen labelled S using the reagents and apparatus provided.

Carry out a laboratory procedure and discuss your findings. (20marks)

SPOT IX

- i. Identify the spot (2.5 marks)
- ii. What is its medical importance (2.5marks)

SPOT X

Identify the spot (2.5marks)

What is its medical importance (2.5marks)