

Part B: Structured Essay Questions (60 Marks)**Q1.**

1.1 List **five (05)** types of cells found in a normal cervical smear? (05 Marks)

- i.
- ii.
- iii.
- iv.
- v.

1.2 Outline the hormonal influences on cervical epithelium during puberty. (05 Marks)

.....

.....

.....

.....

.....

1.3 State the changes observed in a cervical cytology smear during pregnancy. (04 Marks)

.....

.....

.....

.....

1.4 Briefly explain the cytological changes observed in cervical smears during menopause. (06 Marks)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(Total 20 Marks)

Q2.

2.1 List **two (02)** factors affecting the accuracy of Fine Needle Aspiration Cytology (FNAC) in breast cytology. (04 Marks)

- i.
- ii.

2.2 State the microscopic features of acute mastitis in lactating women. (05 Marks)

.....

.....

.....

.....

.....

2.3 What are the cytological findings that may suggest a diagnosis of tuberculosis in lymph node aspirations? (05 Marks)

.....

.....

.....

.....

.....

2.4 Briefly describe the cytological features of metastatic carcinoma in lymph node aspirates. (06 Marks)

.....

.....

.....

.....

.....

.....

(Total 20 Marks)

Q3.

3.1 State **three (03)** types of errors that may occur in a cytopathology laboratory.

(03 Marks)

- i.
- ii.
- iii.

3.2 State **four (04)** common errors that can occur during sample collection in cytology and a preventive measure for each error you mentioned.

(08 Marks)

Error	Preventive measure
i.	
ii.	
iii.	
iv.	

3.3 List **four (04)** errors that can occur during PAP smear preparation.

(04 Mark)

- i.
- ii.
- iii.
- iv.

3.4 Briefly explain how fluid samples should be transported to the cytology laboratory after collection.

(05 Marks)

.....

.....

.....

.....

.....

.....

(Total 20 Marks)

Part C: Essay Question (20 Marks)

Answer the question in the booklet provided.

Q1. Describe the procedure for implementing a clinical audit in cytopathology.

(20 Marks)

Copy rights reserved.