BACHELOR OF MEDICAL LABORATORY SCIENCES HONOURS
MDU5206 – CYTOLOGY
FINAL EXAMINATION   DURATION: 02 HOURS

DATE: 28th March 2023   TIME: 09.30 AM – 11.30 AM

Part B: Structured Essay Questions (60 marks)

Q1.

1.1 Write five (05) types of normal epithelial cells present in a cervical smear obtained from a healthy female.   (05 Marks)

i. ....

ii. ....

iii. ....

iv. ....

v. ....

1.2 State five (05) risk factors for the development of cervical carcinoma.   (05 Marks)

i. ....

ii. ....

iii. ....

iv. ....

v. ....

1.3 Briefly describe the stages of the development of a cervical carcinoma.   (10 Marks)

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Q2.

2.1. State four (04) types of non-gynecological specimens received for cytology.   (04 Marks)

i.   ....

ii.   ....

iii.   ....

iv.   ....

2.2 Write three (03) advantages and three (03) disadvantages of FNAC.   (06 Marks)

Advantages:

i.   ....

ii.   ....

iii.   ....

Disadvantages:

i.   ....

ii.   ....

iii.   ....

2.3 Briefly describe the differences between "Air-dried smear" and "Wet-fixed smear"

(10 Marks)

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(Total 20 marks)

Q3.

3.1 State three (03) types of errors occur in cytopathology laboratory. (03 Marks)

i. ....

ii. ....

iii. ....

3.2 State five (05) types of errors can occur during cytological smear preparation and preventive measure for each error you mentioned. (05 Marks)

Error	Preventative measure
i.	
ii.	
iii.	
iv.	
v.	

3.3 Briefly describe the characteristics of a clinical audit in "Gynecological cytopathology". (12 Marks)

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(Total 20 marks)

Part C: Essay Question. (20 marks)

Q1. Briefly describe the classification of cytological fixatives giving examples.

(20 Marks)

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