



THE OPEN UNIVERSITY OF SRI LANKA
EXAMINATION DIVISION
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF MEDICAL LABORATORY SCIENCES
ACADEMIC YEAR 2019/2020 – SEMESTER I

BACHELOR OF MEDICAL LABORATORY SCIENCE HONOURS

MDU5206 – CYTOLOGY

FINAL EXAMINATION

DURATION: TWO HOURS

DATE: 8th SEPTEMBER 2020

TIME: 1.30 PM – 3.30 PM

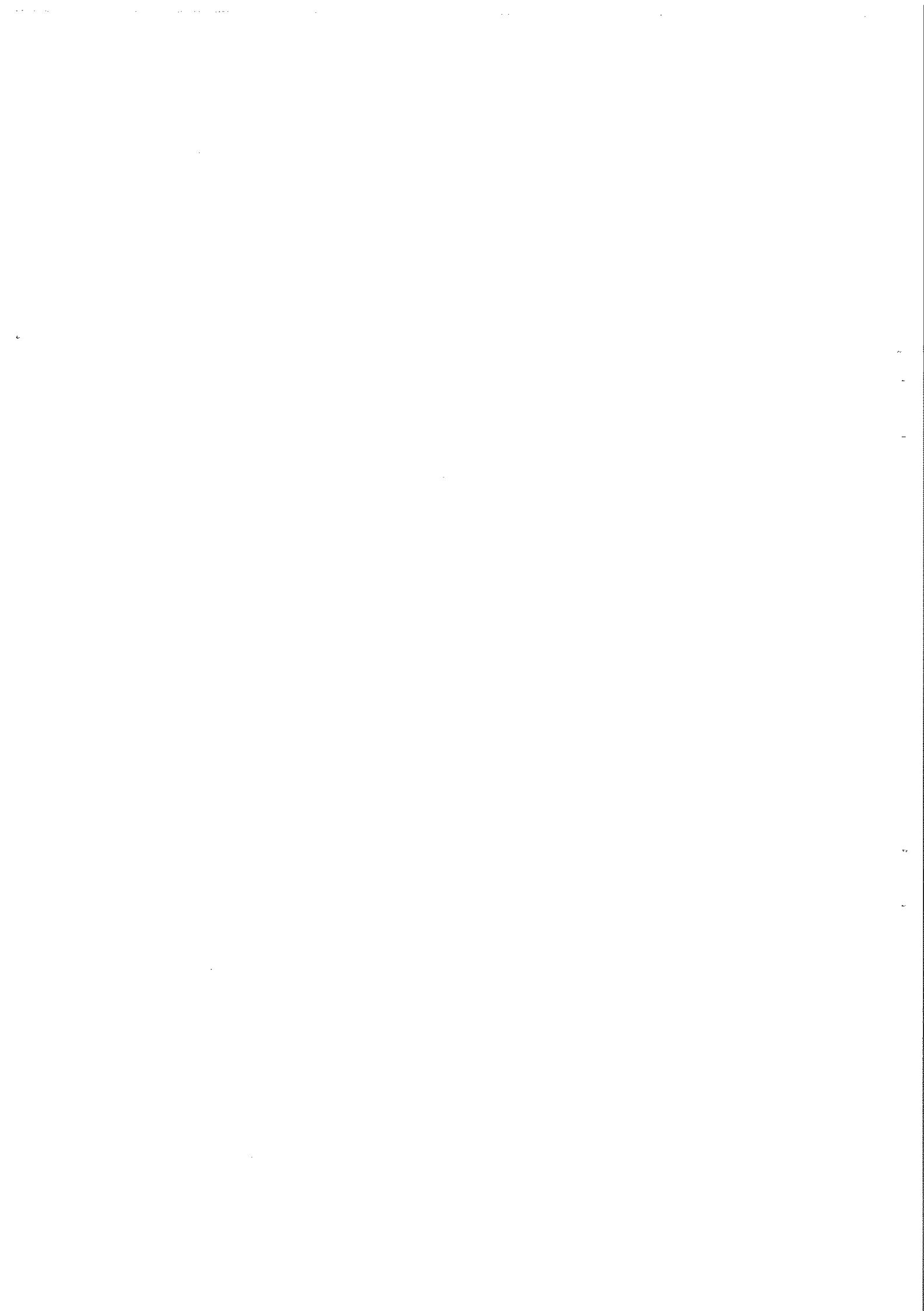
Part B: Structured Essay Questions (60 marks)

Q 1

- 1.1 List four (04) Advantages of Pap Smear. (06 marks)

.....
.....
.....
.....

- 1.2 Briefly describe the patient preparation for cervical smears. (06 marks)



INDEX NO:

1.3 Compare and contrast the characteristic features of pap smears of conventional type
and liquid based Cytology. (08 marks)

.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....

(Total - 20 marks)

Q 2

- 2.1 List six (06) inflammatory changes seen in the nucleus and cytoplasm of cervical epithelial cells. (06 marks)

.....
.....
.....
.....
.....
.....
.....

- 2.2 Briefly explain the importance of identification of inflammatory changes of cells in cervical

smears. (08 marks)

.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....

INDEX NO:

.....
.....
.....
.....

2.3 Describe the cytomorphological features of *Trichomonas* and *Candida* infections in a cervical smear. (06 marks)

.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....

.....
.....
.....
.....
.....
.....

(Total – 20 marks)

Q 3

3.1 List four (04) items (classifications) you find in a cervical cytology report done according to the Bethesda system. (04 marks)

.....
.....
.....
.....
.....

3.2 Write an account on the Cytological features of following cells in cervical smears.

a) High grade squamous intraepithelial lesion (HGSIL) (04 marks)

.....
.....
.....
.....
.....
.....
.....
.....

INDEX NO:

b) Atypical endocervical cells: NOS (04 marks)

.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....

3.3. Briefly explain four (04) errors which can occur during gynaecology cytological smear preparation stating the methods to prevent them. (08 marks)

.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....

.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....

(Total – 20 marks)

Part C: Short Essay Question (20 marks)

Q 1

Describe the measures you would take to maintain the technical and diagnostic quality in a cytology laboratory (internal quality control).

(Total – 20 marks)

Copy rights reserved