



THE OPEN UNIVERSITY OF SRI LANKA
 11 SEP 2020
 EXAMINATION DIVISION

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



BACHELOR OF MEDICAL LABORATORY SCIENCES HONOURS
 MDU4209 – GENERAL PATHOLOGY
 FINAL EXAMINATION

DURATION: TWO HOURS

DATE: 11th SEPTEMBER 2020

TIME: 09.30 AM – 11.30 AM

INDEX NO:

Part B: Structured Essay Questions (60 marks)

1.

1.1 List two (02) causes of metastatic calcification. (4 marks)

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1.2 Briefly describe the differences between metastatic calcification and dystrophic calcification. (12 marks)

.....

1.3 Name two (02) common tissues where metastatic calcification is seen. (4 marks)

.....

(TOTAL 20 MARKS)



INDEX NO:

2.

2.1 Briefly discuss the differences between features of benign and malignant tumours.

(12 marks)

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2.2 State four (04) essential cellular changes required for malignant transformation.

(8 marks)

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(TOTAL 20 MARKS)

INDEX NO:

3.

3.1 Define the term thrombosis. (4 marks)

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3.2 Briefly describe the Virchow's triad in thrombosis. (10 marks)

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3.3 State the fate of a thrombus. (6 marks)

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(TOTAL 20 MARKS)

INDEX NO:

Part C: Essay Question (20 marks)

1. Write short notes on following topics.

1.1 Sequelae of acute inflammation

(10 marks)

1.2 Tumour suppressor genes.

(10 marks)

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