

UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
FIRST YEAR SECOND SEMESTER EXAMINATION IN BSc. HONS (MLS)-2020
MLSGP 1272 GENERAL PATHOLOGY

Date: 31.08.2022

Time: 2 hours

ANSWER ALL SIX QUESTIONS



1.
 - 1.1 List 5 injurious agents of cell. (15 Marks)
 - 1.2 List 4 cellular adaptive changes to the stress. (20 Marks)
 - 1.3 List 5 causes of atrophy. (25 Marks)
 - 1.4 List 4 causes of metastatic calcification. (20 Marks)
 - 1.5 List 4 differences between Necrosis and apoptosis. (20 Marks)

2.
 - 2.1 List 4 harmful effects of inflammation. (20 Marks)
 - 2.2 List 5 systemic effects of inflammation. (25 Marks)
 - 2.3 List 3 outcomes of acute inflammation. (15 Marks)
 - 2.4 Briefly describe the Granuloma. (40 Marks)

3.
 - 3.1 List 5 factors influence tissue repair. (25 Marks)
 - 3.2 List 5 complications of wound healing. (25 Marks)
 - 3.3 List 7 steps in fracture healing. (35 Marks)
 - 3.4 List 5 clinical problems arise from scar formation. (15 Marks)

- 4.
- 4.1 List 5 causes of oedema. (25 Marks)
 - 4.2 List 4 causes of petechiae, purpura and ecchymoses. (20 Marks)
 - 4.3 List 4 factors influence infarct development. (20 Marks)
 - 4.4 Briefly describe the Coagulative necrosis following infarction. (35 Marks)

- 5.
- 5.1 Diagrammatically explain Virchow's triad of thrombosis. (35 Marks)
 - 5.2 List 5 high risk factors for acquired causes of hypercoagulability in thrombosis. (25 Marks)
 - 5.3 List 4 fates of thrombosis. (20 Marks)
 - 5.4 List 4 causes of cardiogenic shock. (20 Marks)

- 6.
- 6.1 Differentiate benign and malignant tumors in table format. (25 Marks)
 - 6.2 List 4 biological carcinogens. (20 Marks)
 - 6.3 List 4 acquired preneoplastic lesions. (20 Marks)
 - 6.4 List 7 paraneoplastic syndromes. (35 Marks)

