

UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
FIRST YEAR SECOND SEMESTER EXAMINATION IN BScHons (MLS) – 2019

MLSGP 1272 GENERAL PATHOLOGY

Date: 26.01.2022

Time: 2 hours

ANSWER ALL SIX QUESTIONS.

1.
 - 1.1 List five causes of atrophy (10 Marks)
 - 1.2 Briefly describe the changes of liver tissue following partial resection (20 Marks)
 - 1.3 Describe the dystrophic calcification (40 Marks)
 - 1.4 How does the infection contributes to wet gangrene? Describe the pathologic basis (30 Marks)
2.
 - 2.1 List cardinal features of acute inflammation (10 Marks)
 - 2.2 Describe the underline^{ying} mechanism for above mentioned features (50 Marks)
 - 2.3 List five systemic effects of inflammation (20 Marks)
 - 2.4 List the consequence of acute inflammation (20 Marks)
3.
 - 3.1 Describe the term regeneration related to wound healing (20 Marks)
 - 3.2 List five factors which promote wound healing (20 Marks)
 - 3.3 List five complications of wound healing (20 Marks)
 - 3.4 List seven steps in fracture healing in the bone (40 Marks)
4.
 - 4.1 List five simple ways to achieve haemostasis (20 Marks)
 - 4.2 Describe the pathophysiologic causes of oedema formation (50 Marks)
 - 4.3 Describe the disseminated intravascular coagulation (30 Marks)

5.

5.1 List three causes of hypovolemic shock **(15 Marks)**

5.2 List five organ systems affected by septic shock **(20 Marks)**

5.3 Mention inflammatory markers which are used to monitor the progress of septic shock **(25 Marks)**

5.4 List the fate of thrombus **(20 Marks)**

5.5 List four factors determine the outcome of infarction **(20 Marks)**

6.

6.1 Differentiate the benign and malignant tumors in a table format **(25 Marks)**

6.2 List five tumor markers **(10 Marks)**

6.3 Write short notes on

6.3.1. Staging of the tumor **(30 Marks)**

6.3.2 Paraneoplastic syndrome **(35 Marks)**