



- Sample Paper -

048



**The Open University of Sri Lanka**  
**Faculty of Health Sciences**  
**Bachelor of Medical Laboratory Sciences (B.MLS)**  
**MLU3149- Histopathology**  
**Semester 02- Academic year 2015/2016**  
**Final Examination July 2016**  
*Return your question papers with the answer sheets*

<b>Date: 29. 07. 2016</b>	<b>Duration: 2 hours</b>
<b>Time: 01.30 p.m. - 03.30 p.m.</b>	<b>Index No:.....</b>

**Please read the following instructions carefully before you answer the paper.**

**Part A: Multiple Choice Questions (30 marks)**

There are **thirty** (30) multiple choice questions in this paper, each question with four responses. Select the **best response** and put 'X' mark for the correct answer in the given answer sheet.

**Part B: Structured Essay Questions (40 marks)**

You are given **two** (02) questions each question contains three parts. Answer all the questions in given spaces.

**Part C: Short Essay Questions (30 marks)**

There are **three** (03) essay questions. Answer the questions in the given answer booklet.

**Good Luck!**

**Part B: Structured Essay Questions (40 marks)**

*Answer all the questions.*

1.
  - 1.1. Define the term “thrombus.” (02 marks)
  - 1.2. Describe the pathogenesis of thrombus formation in point form. (10 marks)
  - 1.3. List and describe the fate of thrombus in point form. (05 marks)
  - 1.4. List **three** (03) predisposing conditions for pulmonary embolism. (03 marks)
  
2.
  - 2.1. Define the term “neoplasm”. (03 marks)
  - 2.2. List **three** (03) differences between hyperplasia and neoplasia. (06 marks)
  - 2.3. List **four** (04) differences between benign and malignant tumors. (08 marks)
  - 2.4. List **three** (03) categories of tumors depending on the degree of differentiations. (03 marks)

**Part C: Essay Questions (30 marks)**

1. Write short notes on following topics.

- a. Modes of cancer spread. (10 marks)
- b. Gangrene. (10 marks)
- c. Genes involve in carcinogenesis. (10 marks)

-----THE END-----