

**UNIVERSITY OF JAFFNA, SRI LANKA**  
**FACULTY OF ALLIED HEALTH SCIENCES**  
**SECOND YEAR FIRST SEMESTER EXAMINATION IN BPharmHons - 2023**  
**PHAPA 2153 PATHOLOGY FOR PHARMACY – PAPER II**

Date: 18.12.2024

Time: 02 Hours

**Answer all four questions.**

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|----|-----|--|------------|
| 1. | 1.1 | What is necrosis?  | (10 Marks) |
|    | 1.2 | List the different types of necrosis with example for each (one example).      | (30 Marks) |
|    | 1.3 | Write short notes on,  |            |
|    |     | 1.3.1 Neoplasia.   | (30 Marks) |
|    |     | 1.3.2 Metastatic calcification.  | (30 Marks) |
| 2. | 2.1 | List five (05) cardinal features of acute inflammation.                        | (20 Marks) |
|    | 2.2 | Describe the pathological basis for the features mentioned in 2.1.             | (40 Marks) |
|    | 2.3 | Briefly outline the following in diabetes mellitus type 2.                     |            |
|    |     | 2.3.1 Pathogenesis.  | (10 Marks) |
|    |     | 2.3.2 Clinical features.   | (10 Marks) |
|    |     | 2.3.3 Investigations to conform and follow ups.                                | (10 Marks) |
|    |     | 2.3.4 Complications.   | (10 Marks) |
| 3. | 3.1 | Define systemic hypertension.  | (20 Marks) |
|    | 3.2 | List the complications of hypertension.  | (40 Marks) |
|    | 3.3 | Briefly outline the following in myocardial infarction.                        |            |
|    |     | 3.3.1 Pathogenesis.  | (15 Marks) |
|    |     | 3.3.2 Clinical features.   | (05 Marks) |
|    |     | 3.3.3 Investigations.  | (10 Marks) |
|    |     | 3.3.4 Complications.   | (10 Marks) |
| 4. | 4.1 | Briefly outline the following in Chronic Pulmonary Obstructive Disease (COPD). | (10 Marks) |
|    |     | 4.1.1 Causes.  | (10 Marks) |
|    |     | 4.1.2 Clinical features.   |            |
|    | 4.2 | Mention the pathological features seen in bronchial asthma.                    | (40 Marks) |
|    | 4.3 | Write short notes on Crohn Disease (CD).                                       | (40 Marks) |