

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH**  
(A Deemed to be University)

**MBBS Phase II Examination December 2024**

**Time: 180 Minutes**

**Max Marks: 80 Marks**

**Pathology Paper I**

**QP CODE: C2041**

*Your answer should be specific to the question asked*

*Draw neat labelled diagrams wherever necessary*

**Long Essay**

**10 × 2 = 20 Marks**

1. Define leukaemia. Write the WHO classification of acute leukemias and discuss the blood and bone marrow findings in Acute lymphoblastic leukaemia (1+3+2+4)
2. Define wound healing. Describe mechanism & morphology of cutaneous wound healing. Mention factors affecting wound healing. (1+3+3+3)

**Short Essay**

**5 × 12 = 60 Marks**

3. Describe the pathogenesis and morphology of Cysticercosis
4. Write THREE complications of Lead toxicity. Detail about clinical features and lab investigations in lead toxicity.
5. Mention Membrane defects in RBCs. Add a note on Hereditary spherocytosis
6. Classify Pigments. Describe Exogenous pigments in health and diseases (1+4)
7. List out the blood components prepared in Blood Bank. Mention the indications of any one of them (2+3)
8. Discuss the mechanism and morphology of Fat embolism (3+2)
9. What are Paraneoplastic syndromes? Discuss their pathogenesis.
10. Write five differences between initiators and promoters of carcinogenesis
11. Discuss the laboratory diagnosis of cancers.
12. Define patient autonomy and contrast atonomy with paternalism
13. Describe the etiopathogenesis and clinical features of down's syndrome (2+3)
14. Enumerate the causes of thrombocytopenia. Describe the clinical features, investigations and prognosis of idiopathic thrombocytopenic purpura.

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH**

**(A Deemed to be University)**

**MBBS Phase II Examination December 2024**

**Pathology Paper II**

**QP CODE: C2042**

**Time: 180 Minutes**

**Max Marks: 80 Marks**

*Your answer should be specific to the question asked  
Draw neat labelled diagrams wherever necessary*

**Long Essay**

**10 × 2 = 20 Marks**

1. Define jaundice. List the causes for unconjugated hyperbilirubinemia. Discuss the laboratory investigations in a case of unconjugated hyperbilirubinemia. (2+3+5)
2. Enumerate the chronic obstructive pulmonary diseases. Classify bronchial asthma. Discuss the pathogenesis of atopic bronchial asthma. Add a note on the sputum findings in bronchial asthma. (2+3+3+2)

**Short Essay**

**5 × 12 = 60 Marks**

3. Describe the etiopathogenesis and morphology of peptic ulcer
4. Describe the etiopathogenesis and morphology of gastric carcinoma
5. Describe the etiopathogenesis and morphology of Acute appendicitis
6. Classify lung tumors. Describe the morphology of Carcinoid tumor of the lung. (2+3)
7. Describe the types, pathology and complications of Pericarditis (2+2+1)
8. Describe the etiopathogenesis and morphology of lung in left heart failure (2+3)
9. Describe the etiopathogenesis and morphology of chronic pyelonephritis (2+3)
10. Describe the etiopathogenesis and morphology of Carcinoma of the penis (2+3)
11. Describe the etiopathogenesis and morphology of Choriocarcinoma (2+3)
12. Enumerate the germ cell tumors of the ovary and describe the morphology of Ovarian Teratoma (2+3)
13. A 20-year-old female presented with diffuse enlargement of thyroid since 1 year. She has decreased T3 and T4 and increased TSH levels. FNAC of thyroid showed predominantly Hurthle cells, lymphocytes and plasma cells. State the probable diagnosis. Describe the pathogenesis of this lesion.
14. Gross and radiological appearance of osteogenic sarcoma. Describe its etiopathogenesis