

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

**M B B S Phase II Supplementary Examinations, May 2024**

**Time : 180 Minutes**

**Max Marks : 80 Marks**

## **Pathology PI QP CODE: C2041**

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

### **Long Essay 10 × 2 = 20 Marks**

1. Define neoplasm. Describe the clinical, gross and microscopic features of malignant neoplasm (1+3+3+3)
2. Describe hematopoiesis and its regulation with a labelled diagram. List the causes for extramedullary hematopoiesis (3+2+5)

### **Short Essay 5 × 12 = 60 Marks**

3. Define Eosinopenia and Eosinophilia. List out the causes of Eosinopenia and Eosinophilia
4. Classify AML based on genetic abnormalities
5. Describe the etiopathogenesis and morphology of Secondary tuberculosis
6. Discuss Vitamin A deficiency
7. Describe the etiopathogenesis of MACROCYTIC anemia
8. What are Telomeres and what is their function in ageing and cancer? (1+2+2)
9. Discuss the pathogenesis of septic shock
10. Discuss the role of p53 in tumorigenesis.
11. Discuss advantages and disadvantages of Frozen section
12. Describe Autonomy, Beneficence and Non-maleficence
13. Mention 5 X linked disorders. Write in detail about one disorder.
14. Describe the etiopathogenesis, complications and lab investigations in DIC.

# SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

M B B S Phase II Supplementary Examinations, May 2024

Time: 180 Minutes

Max Marks: 80 Marks

## Pathology II QP CODE: C2042

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

### **Long Essay 10 × 2 = 20 Marks**

1. 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)
2. Discuss the etiopathogenesis, pathology and complications of carcinoma cervix. (4+4+2)

### **Short Essay 5 × 12 = 60 Marks**

3. Describe the etiopathogenesis and morphology of esophageal carcinoma (2+3)
4. Describe the role of H.pylori in gastric carcinoma and list the other malignant tumours caused by H.pylori
5. Describe the etiopathogenesis and morphology of Crohn's disease
6. Describe the etiopathogenesis and morphology of Liver abscesses (2+3)
7. Describe the etiology and morphology of hepatocellular carcinoma (2+3)
8. Describe the etiopathogenesis lobar pneumonia.
9. Describe the etiopathogenesis and morphology of liver in right heart failure (2+3)
10. Describe the etiopathogenesis of rheumatic heart disease and morphology of Aschoff nodule (3+2)
11. Mention the causes of nephritic syndrome. Write the differences between nephritic and nephrotic syndrome
12. Mention the causes and pathogenesis for benign prostatic hypertrophy.
13. Mention the morphological features of pheochromocytoma and its etiopathogenesis
14. Gross and radiological appearance of osteogenic sarcoma. Describe its etiopathogenesis