

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**  
(ADEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination -November 2022

Time : 180 Minutes

MaxMarks : 100 Marks

Date : 21-11-2022

**M.D Pathology Paper-I QP Code: P3041**

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

1. Discuss the ill effects of tobacco usage on human health
2. Describe the etiopathogenesis and morphology of irreversible cell injury
3. Describe the role of extracellular matrix in health and disease
4. Discuss the etiopathogenesis and morphology of Fat embolism
5. Discuss quantitative Chromosomal abnormalities
6. Classify leprosy and describe the pathology of leprosy reaction
7. Discuss Microsatellite instability (MSI) in neoplasia
8. Describe the mechanisms of Microbial carcinogenesis
9. Discuss the role of HLA in health and disease
10. Discuss the role of growth factors in carcinogenesis



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Date : 23-11-2022

**Pathology Paper II QP Code – P3042**

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

1. Discuss about sperm banking
2. Discuss Gene therapy and its clinical applications.
3. Discuss the various staining procedures for identification of fungus
4. Discuss the Laboratory tests for the diagnosis of microcytic hypochromic anemia
5. Discuss Molecular cytogenetics of haematological malignancies
6. Discuss the etiopathogenesis and laboratory diagnosis of bone marrow failure syndromes in children.
7. Enlist the various blood components and enumerate the indications for their clinical usage.
8. Discuss the Breast cytology reporting systems
9. Discuss the pitfalls in FNAC of thyroid lesions
10. Discuss the role of cytology in ovarian tumours



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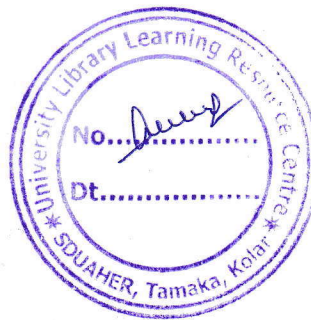
Date : 25-11-2022

**Pathology Paper III – 2022 QP Code – P3043**

*Your answer should be specific to the question asked*

*Draw neat labeled diagrams wherever necessary*

1. Discuss the recent advance in the pathogenesis of endometriosis. Add a note on complications.
2. Describe histomorphology and IHC features of gastrointestinal stromal tumors
3. Describe the histomorphological features and prognostic features of HCC
4. Discuss the etiopathogenesis and pathology of testicular lymphomas
5. Discuss the etiopathogenesis and pathology of small cell carcinoma of lung
6. Discuss the etiopathogenesis and classification of glomerulonephritis
7. Classify vasculitis. Describe the morphology and lab diagnosis of small vessel vasculitis.
8. Discuss the molecular classification of breast carcinoma
9. Discuss the etiopathogenesis and recent updates in pathology of Acute Lung Injury
10. Discuss the etiopathogenesis and pathology of pneumocystis carinii pneumonia



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**M.D Pathology Paper- IV      QP Code: P3044**

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1. Discuss the etiopathogenesis and pathology of Prion diseases
2. Discuss Hurthle cell and its associated lesions of thyroid.
3. Discuss etiopathogenesis, gross and microscopic features of Rosai Dorfman disease
4. Describe RS cell. Discuss the types and its mimickers
5. Discuss the techniques and the role of tissue microarray in diagnostic pathology
6. Discuss the bone diseases caused by osteoclast dysfunction
7. Discuss the pathology of lymphoproliferative conditions of skin
8. Discuss diagnostic pitfalls in Pediatric tumour
9. Discuss pathogenesis and laboratory diagnosis of primitive neuroectodermal tumors
10. Classify Diabetes Mellitus. Describe the role of genetics in pathogenesis of Diabetes Mellitus

