

# SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

POSTGRADUATE EXAMINATION MAY 2022

Summative Assessment

Time : 180 Minutes

MaxMarks : 100 Marks

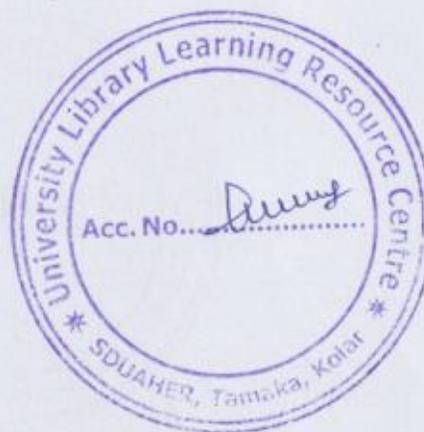
Date : 09-05-2022

**PATHOLOGY – PAPER – I QP CODE:- P3041**

*Your answer should be specific to the question asked*

*Draw neat labeled diagrams wherever necessary*

1. Define acute phase reactants. Describe in detail about acute phase reactants
2. Classify and discuss role of RNA virus in carcinogenesis
3. Describe Natural killer cells in health and disease
4. Classify pigments. Discuss the significance of pigments in histopathological diagnosis
5. Discuss the etiopathogenesis and morphology of pulmonary Edema
6. Describe Paraneoplastic syndromes
7. Discuss the radiation induced disorders
8. Describe the Life cycle of Wucheria bancrofti. Discuss about elephantiasis
9. Define and classify amyloidosis? Discuss pathogenesis of amyloidosis with a note on recent advances?
10. Discuss Molecular and biochemical basis of Mendelian disorders



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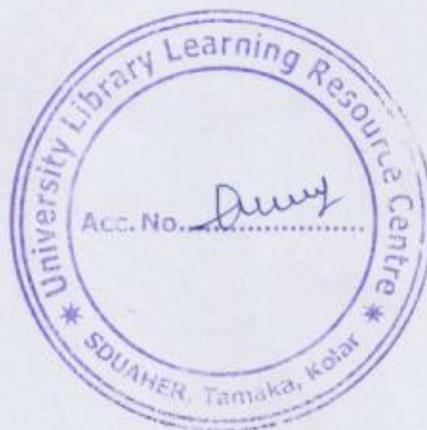
MaxMarks : 100 Marks

Date : 11-05-2022

**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 the concept of ALTS in cervical smears
3. Describe the role of platelet function tests in bleeding disorders.
4. Enumerate subtypes of stem cells. Discuss the role of stem cells in therapeutic modalities.
5. Classify acute leukemias (WHO) and describe the role of cytogenetics in acute myeloid leukemias
6. Discuss the diagnostic pitfalls in salivary gland cytology.
7. Discuss Haemolytic anemia of newborn
8. Discuss the role of Bronchoalveolar lavage in diagnosis of lung lesions
9. Describe the technique and uses of Hemoglobin electrophoresis
10. Discuss the Principles and Utility of Biospecimen Banking



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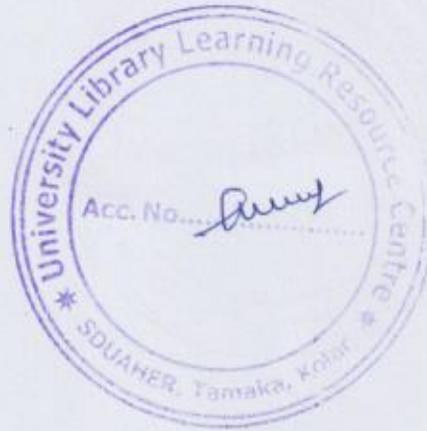
MaxMarks : 100 Marks

Date : 13-05-2022

**PATHOLOGY – PAPER – III QP CODE:- P3043**

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

1. Classify and discuss pathology of small intestinal tumors
2. Discuss the role of liver biopsy in diagnosis of inherited metabolic disorders
3. Classify ovarian tumor and describe the pathology of Leydig (Hilus) cell tumor of ovary
4. Discuss differential diagnosis of granulomatous prostatitis
5. Classify carcinoma of breast and discuss how prognosis is related to histological type
6. Discuss etiopathogenesis and morphologic features of interstitial pneumonia
7. Describe the molecular genetics and morphology of pulmonary lymphoma
8. Classify pyelonephritis. Discuss etiopathogenesis and pathology of Xantho granulomatous pyelonephritis
9. Classify vasculitis. Describe the morphology and lab diagnosis of small vessel vasculitis.
10. Discuss the molecular markers in carcinoma of the breast



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POSTGRADUATE EXAMINATION MAY 2022  
PATHOLOGY – PAPER – IV QP CODE:- P3044

Time : 180 Minutes

Max Marks : 100 Marks

Date : 16-05-2022

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

1. Discuss the etiopathogenesis, gross and microscopic features of tuberculoma of brain
2. Discuss the problems in diagnosis of papillary lesions of thyroid
3. Discuss the causes and pathology of massive splenomegaly
4. Discuss etiopathogenesis and pathology of metabolic bone disease
5. Discuss the differential diagnosis for granulomatous skin lesions
6. Describe the pathogenesis and pathology of Serrated Lesions of the Colon and Rectum
7. Discuss pathogenesis and laboratory diagnosis of primitive neuroectodermal tumors
8. Classify and describe the pathogenesis, morphology of pituitary adenomas.
9. Discuss the role of frozen section in surgical pathology
10. Discuss the pathology and IHC markers in Pseudolymphomas

