

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

(A DEEMED TO BE UNIVERSITY)

**Post Graduate Degree Examination – April / May 2011**

Time : 3 Hrs.

[Max. Marks : 100]

**M.D. PATHOLOGY**

**PAPER - I**

*Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary. Answer all questions*



**LONG ESSAY**

**2 X 20 = 40 Marks**

1. Discuss carcinogenic agents and their cellular interactions
2. Discuss various structural abnormalities of chromosomes

**SHORT ESSAY**

**6X 10 = 60 Marks**

3. Sudden infant death syndrome
4. General consequences of Obesity
5. Role of thrombin in Haemostasis
6. Latent viral infections
7. Role of Adhesion molecules in inflammation
8. Thermal burns

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**PAPER - II**

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**LONG ESSAY**

**2 X 20 = 40 Marks**

1. Give a detailed account of liquid based cytology for cervical cancer screening
2. Classify plasma cell dyscrasias and discuss their lab diagnosis

**SHORT ESSAY**

**6X 10 = 60 Marks**

3. Causes and differential diagnosis of microcytic hypochromic anaemias
4. Tumour markers
5. Haemophilia
6. Role of CT guided FNAC in pulmonary lesions
7. Lab diagnosis of diabetes Mellitus
8. Triple markers in antenatal profile

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**PAPER - III**

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**LONG ESSAY**

**2 X 20 = 40 Marks**

1. Discuss pathogenesis and pathology of primary glomerular diseases
2. Discuss pulmonary hypertension

**SHORT ESSAY**

**6X 10 = 60 Marks**

3. Prognostic markers in carcinoma of breast
4. Primary malabsorption syndrome
5. Drug induced liver disease
6. Endomyocardial biopsy
7. Cystic lesions of pancreas
8. Role of immunohistochemistry in prostate biopsy

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Q.P CODE :2104

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**PAPER - IV**

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**LONG ESSAY**

**2 X 20 = 40 Marks**

1. Describe the WHO types of low grade B-Cell lymphomas and their morphological, immunophenotypic and genetic features.
2. Discuss the value of immunohistochemistry and molecular genetics in the diagnosis of soft tissue sarcomas

**SHORT ESSAY**

**6X 10 = 60 Marks**

3. Grading of astrocytic tumours
4. Perivascular epithelioid cell tumours ( PE Comas)
5. Castleman's disease
6. Morphological variants of papillary thyroid carcinoma
7. Cutaneous naevi
8. Classification of Thymomas

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