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SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination – April / May - 2012

Time : 3 Hrs.

[Max. Marks : 100]

M.D. PATHOLOGY

PAPER - I

Q.P Code : 2101

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



LONG ESSAY

2 X 20 = 40 Marks

1. Discuss the aetiology, Pathogenesis and pathology of systemic lupus erythematosus
2. Angiogenesis in Health and disease.

SHORT ESSAY

6 X 10 = 60 Marks

3. Cellular Ageing
4. Warburg effect
5. Familial Hyper cholesterolemia
6. Drug Abuse Injury
7. Fetal Hydrops
8. Pathogenesis of septic shock

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M.D. PATHOLOGY

PAPER - II

Q.P Code : 2102

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LONG ESSAY

2 X 20 = 40 Marks

1. Discuss Myelodysplastic syndromes.
2. Blood substitutes.

SHORT ESSAY

6 X 10 = 60 Marks

3. Functional disorders of platelets
4. Haemoglobin electrophoresis
5. Cytological evaluation of body fluids
6. Chloroma
7. Childhood Megaloblastic anemia
8. Fine needle aspiration cytology of Mediastinal lesions

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M.D PATHOLOGY

PAPER III

Q.P Code : 2103

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LONG ESSAY

2 X 20 = 40 Marks

1. Discuss the pathology and pathogenesis of lesions caused by helicobacter pylori infection.
2. Describe the etiopathology and complications of infective endocarditis

SHORT ESSAY

6 X 10 = 60 Marks

3. Discuss the recent concepts in transplant related pathology of kidney
4. Hepato cellular carcinoma-fibrolamellar variant
5. Role of hormone receptors in carcinoma breast
6. Gleason's grading of carcinoma prostate
7. Mechanism of glomerular injury
8. Spermatocytic seminoma

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SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**(A DEEMED TO BE UNIVERSITY)****Post Graduate Degree Examination – April / May - 2012****Time : 3 Hrs.****[Max. Marks : 100]****M.D PATHOLOGY****PAPER IV****Q.P Code :2104**

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

**LONG ESSAY****2 X 20 = 40 Marks**

1. 25 year female patient presented with severe head ache and fits for the past 3 months investigations revealed a contrast enhancing hypodense lesion in the right fronto-parietal with ring enhancement.
 - a) Enumerate your differential diagnosis for this patient. (3marks)
 - b) Discuss briefly the histological differential diagnosis in this patient. (7marks)
 - c) Describe in detail the etio-pathogenesis, classification, pathology and prognosis of the two of the most probable diagnosis. (10marks)
2. Write a structured essay on Non Hodgkins lymphoma
 - a) Discuss briefly the pathogenesis of Non Hodgkins lymphoma (3marks)
 - b) Enumerate the systems of classifications of Non Hodgkins Lymphoma (2marks)
 - c) Compare and contrast the various systems of classifications of Non Hodgkins lymphoma (5marks)
 - d) Discuss in detail the role of Immunocytochemistry in diagnosis and prognosis of Non Hodgkins lymphoma (10marks)

SHORT ESSAY**6 X 10 = 60 Marks**

3. Prognostic factors in papillary carcinoma of Thyroid
4. Role of Immuno Fluorescence in the differential diagnosis of bullous lesions of skin
5. Differential diagnosis of peritheliomatous pattern in soft tissue neoplasia
6. Langerhans cell histiocytosis
7. Techniques in muscle biopsy studies
8. Role of Immunocytochemistry in differential diagnosis of small round cell tumours