

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination – April / May - 2015

Time : 3 Hrs.

[Max. Marks : 100]

M.D PATHOLOGY

PAPER - I

Q.P Code : RS2101

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100 Marks

1. What are the adaptations to stress. Write the morphological features of them .
2. Cellular and vascular events of acute inflammation.
3. The nature and mechanisms of the action of growth factors.
4. Stages of shock and pathogenesis of septic shock.
5. What are the types of hypersensitivity diseases? Write a note on the pathogenesis of type III hypersensitivity.
6. Pathogenesis Auto immune diseases.
7. Matrix metalloproteinases (MMP)
8. Tumor markers.
9. Transmission patterns of single gene disorders.
10. Effects of Tobacco.

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M.D PATHOLOGY

PAPER - II

Q.P Code : RS-2102

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

LONG ESSAY

10 X 10 = 100 Marks

1. Role of FNAC in soft tissue sarcomas.
2. Automation in ESR.
3. Discuss the pathogenesis and laboratory investigations of haemolytic disease of new born.
4. Discuss the measures that can be used to reduce the risk of transmitting viruses to patients via blood transfusion.
5. Functional disorders of platelets.
6. Discuss the laboratory investigations in a 50 year old man presenting with pancytopenia.
7. Liquid based cytology for cervical cancer screening.
8. Synovial fluid analysis.
9. Pathogenesis and investigations in Von willebrand disease.
10. Acute lymphoblastic leukemia – laboratory findings.

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M.D PATHOLOGY

PAPER - III

Q.P Code : RS-2103

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

LONG ESSAY

10 X 10 = 100 Marks

1. Non infectious vasculitis.
2. Evolution of morphological changes in myocardial infaction.
3. Acute respiratory distress syndrome.
4. Histological classifications of malignant epithelial tumors of lung.
Mention the morphological features of lung carcinoms.
5. Pathogenesis of glomerular diseases.
6. Renal cell carcinoma- classification and pathologic features.
7. Peptic ulcers-etiology and morphology.
8. Etiology and pathology of bacterial enterocolitis.
9. Pathogenesis and pathology of cervical carcinoma.
10. Para neoplastic syndromes.

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M.D PATHOLOGY

PAPER - IV

Q.P Code : RS-2104

*Your answers should be specific to the questions asked.
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LONG ESSAY

10 X 10 = 100 Marks

1. Hodgkin lymphoma.
2. Differential diagnosis of anterior mediastinal mass and the use of immunohistochemistry.
3. Pheochromocytoma.
4. Papillary carcinoma of thyroid-types and morphology.
5. Classification of bone forming tumors and its morphological features.
6. Bullous lesions of skin.
7. Morphology of osteoarthritis and rheumatoid arthritis.
8. Degenerative diseases of central nervous system.
9. Retinoblastoma-morphology and pathogenesis.
10. Liposarcoma- classification, morphology and cytogenetic features.

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