

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH****(A DEEMED TO BE UNIVERSITY)****M.B.B.S. PHASE - II Degree Examination – July - 2011****Time : 3 Hrs.****[Max. Marks : 100]****PATHOLOGY – PAPER I***Your answers should be specific to the questions asked.**Draw neat labeled diagrams wherever necessary.***LONG ESSAY****2 X 10 = 20 Marks**

1. Define and classify inflammation. Discuss the chemical mediators of importance in Acute inflammation.
2. Classify bleeding disorders. Describe pathogenesis and lab findings of Idiopathic thrombocytopenic purpura.

**SHORT ESSAY****10 X 5 = 50 Marks**

3. Special stains to confirm Amyloid
4. Klinefelter's Syndrome
5. Type I hypersensitivity reaction
6. Erythroblastosis foetalis
7. Carcinoma insitu
8. Urinary casts
9. Differences between benign and malignant neoplasm
10. Packed cell volume. Definition, methods of estimation and its significance
11. Metastatic calcification
12. Laboratory findings in Chronic myeloid leukemia

**SHORT ANSWERS****10 X 3 = 30 Marks**

13. Name haemoparasities
14. Barr bodies
15. Sago spleen
16. Sickling test
17. Peripheral smear in Iron deficiency anemia
18. Diseases transmitted by blood transfusion
19. Granuloma
20. LE Cell
21. Name the Liver function tests
22. List the abnormal Haemoglobins

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**M.B.B.S. PHASE - II Degree Examination – July - 2011**

**Time : 3 Hrs.**

**[Max. Marks : 100]**

**PATHOLOGY – PAPER II**

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

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. A 38 years old obese man presented with history of chest discomfort and severe sweating. Patient had previous history of recurrent chest pains for which he was on treatment. The patient died before he was brought to the medical emergency.
  - (A) Give your probable diagnosis with reasons
  - (B) Describe all major pathologic findings expected in this patient
  - (C) Enumerate relevant investigations with their results
  - (D) Enumerate the complications of the disease
2. Describe etiopathogenesis and pathology of colonic carcinoma. Give a brief account of staging of colonic carcinoma.

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Acute pyelonephritis
4. Hepatocellular carcinoma
5. Mucoepidermoid carcinoma of salivary gland
6. Seminoma
7. Bronchogenic carcinoma-morphologic types and their prognosis
8. Osteogenic sarcoma
9. Graves disease
10. Secondary hyperparathyroidism
11. Hydronephrosis
12. Rheumatic heart disease



**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Classification of testicular tumors
14. Microscopy of carcinoid tumor
15. Cerebrospinal findings in pyogenic meningitis
16. Microscopy of granulosa cell tumor
17. Radiological and gross features of osteoclastoma
18. Microscopy of renal cell carcinoma
19. Microscopy of gouty tophus
20. Microscopy of acute tubular necrosis
21. Gross and microscopic features of melanoma
22. Morphological types of emphysema

**PATHOLOGY – PAPER I**

**Q.P Code : 107- SDUU**

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

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Define Thrombosis and discuss pathophysiology and fate of thrombus.
2. 50 year male complains of glossitis, loss of appetite, tingling and numbness.  
What is your diagnosis? Describe peripheral smear, bone marrow findings and special tests for diagnosis.

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. GTT
4. Down's Syndrome
5. Fracture healing
6. Radiation injury
7. Differences between transudate and exudate
8. Stains for Amyloid
9. Type III Hypersensitivity reaction
10. Metastatic Calcification
11. Leukemoid Reaction
12. Lab Diagnosis of various types of Jaundice



**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Coomb's Test
14. Opportunistic infections in AIDS
15. LE Cell
16. Granuloma
17. Heart Failure Cells
18. Types of Crisis in Sickle Cell Anemia
19. Metaplasia
20. CSF findings in Pyogenic Meningitis
21. Urinary Casts and their significance
22. Bombay Blood Group



**Time : 3 Hrs.**

**[Max. Marks : 100]**

**PATHOLOGY – PAPER II**

**Q.P Code : 108 - SDUU**

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

*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. 10 years old child admitted with complaints of Hematuria, puffiness of face and oliguria. Examination revealed hypertension and healed impetigo in skin.  
(A) What is your diagnosis  
(B) Discuss the pathogenesis and morphology of this lesion
2. Classify tumors of lung. Discuss the etiopathogenesis and morphology of bronchogenic carcinoma.

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Bronchiectasis
4. Cholelithiasis
5. Meningioma
6. Medullary carcinoma of thyroid
7. Complications of myocardial infarction
8. Polycystic kidney
9. Hydatidiform mole
10. Basal cell carcinoma
11. Benign hyperplasia of prostate
12. Phyllodes tumor



**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Endometriosis
14. Microscopic appearance of osteogenic sarcoma
15. Types of renal calculi
16. Berry aneurysm
17. Types of large intestinal polyps
18. Etiological factors for cervical cancer
19. Krukenberg tumor
20. Stages of lobar pneumonia
21. Pleomorphic adenoma
22. Haemochromatosis