

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

(A DEEMED TO BE UNIVERSITY)

**M.B.B.S. PHASE - II Degree Examination – January-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. What is Multiple Myeloma? Write about its laboratory diagnosis.
2. Classify Leprosy. Discuss pathogenesis and pathology of Lepromatous Leprosy.  
Add a note on the confirmation of its diagnosis.

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Miliary Tuberculosis
4. Nutmeg liver
5. Renal edema
6. Amyloid spleen
7. Pathogenesis of Septic shock
8. Phagocytosis
9. Type II Hypersensitivity reaction
10. Hypertrophy
11. Gangrene
12. Metastasis

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Spherocytes
14. Three causes of Pancytopenia
15. Microfilaria in peripheral blood
16. Bone marrow in Idiopathic thrombocytopenic purpura
17. Peripheral smear in Chronic Myeloid Leukemia
18. Urinary casts
19. Cerebrospinal fluid findings in Tuberculous meningitis
20. Diagnostic utility of Sputum in Asthma
21. Buffy coat
22. Transudate

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**PATHOLOGY – PAPER II**

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**LONG ESSAY**

**2 X 10 = 20 Marks**

1. A 45 year old male, A Chronic Alcoholic, was admitted in the medical ward with history of Jaundice, Hematemesis and ascites. On examination he had hepatosplenomegaly. Bilateral testes measured 2X2 CM.
  - a. Give your probable diagnosis with reasons
  - b. Discuss the etiopathogenesis of the disease
  - c. Describe the expected major pathologic findings
  - d. Enumerate its complications
2. Describe etiopathogenesis, pathology and complications of bronchogenic carcinoma

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Diabetic Nephropathy
4. Hepatitis B
5. Pleomorphic Adenoma
6. Dysgerminoma
7. Lobar Pneumonia
8. Ewings sarcoma
9. Hashimoto thyroiditis
10. Fallot's Tetralogy
11. Renal Stones
12. Bacterial Endocarditis

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Classification of Ovarian tumors
14. Microscopy of neuroblastoma
15. Cerebrospinal findings in tuberculous meningitis
16. Microscopy of yolk sac tumor
17. Sequestrum
18. Laboratory findings in nephrotic syndrome
19. Microscopy of wilms tumor
20. Microscopy of chronic glomerulonephritis
21. Microscopy of squamous cell carcinoma
22. Gross morphology of carcinoma stomach

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**PATHOLOGY – PAPER I**

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

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*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Define and classify shock. Write in detail about the pathogenesis and morphology of septic shock.
2. Describe the pathogenesis, morphology and complications of sickle cell disease.

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Haemophilia
4. Agranulocytosis
5. Actinomycosis
6. Radiation carcinogenesis
7. Morphology of rejection reaction
8. Turner syndrome
9. Fatty change
10. Metaplasia
11. Rickets
12. Fracture healing

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Microscopic examination of semen
14. Urinary sediments
15. Leukemoid Reaction
16. Examination of blood in urine
17. Osmotic Fragility
18. Packed cell volume
19. Haemocytometer
20. Staining of blood film
21. Eosinophilia
22. Preservatives of urine

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**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. A 20 year male had swelling, tenderness over lower end of right femur for 3 months. X-ray was taken which showed sunburst appearance.
  - a) What is your diagnosis?
  - b) Describe the predisposing conditions for this lesion
  - c) Discuss the morphology
2. Describe the pathogenesis, morphology and complications of bronchiectasis

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Pheochromocytoma
4. Medulloblastoma
5. Rheumatic fever
6. Acute pancreatitis
7. Morphology of gastric carcinoma
8. Burkitt's lymphoma
9. Phyllodes tumor
10. Dysgerminoma
11. Amoebic colitis
12. Cystic diseases of kidney

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Hashimoto's thyroiditis
14. Fallot's tetralogy
15. Barrett's esophagus
16. Basal cell carcinoma
17. Multiple endocrine neoplasia
18. Warthin's tumor
19. Silicosis
20. Nodular sclerosis variant of Hodgkin disease
21. Hydatidiform mole
22. Tuberculous meningitis