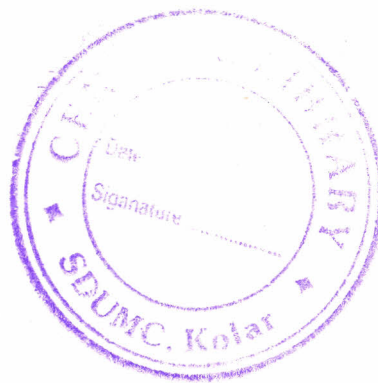


SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**(A DEEMED TO BE UNIVERSITY)****M.B.B.S. PHASE - II Degree Examination – January-2012****Time : 3 Hrs.****[Max. Marks : 100]****PATHOLOGY – PAPER I****Q.P Code : 107- SDUU***Your answers should be specific to the questions asked.**Draw neat labelled diagrams wherever necessary.***LONG ESSAY****2 X 10 = 20 Marks**

1. Define neoplasia and discuss chemical carcinogenesis
2. Classify acute leukemia. Describe clinical features of AML with lab diagnosis

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

3. ITP
4. Lab diagnosis of iron deficiency anemia
5. Tumor markers
6. Phagocytosis
7. Gangrene
8. Air embolism
9. Physical and chemical nature of amyloid
10. Scurvy
11. Shock-Morphology in organs
12. AIDS- Lab diagnosis

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

13. Bence-Jones proteins
14. ESR-Methods and normal value
15. Urinary findings in hemolytic jaundice
16. Mention six transfusion reactions
17. Causes of aplastic anemia
18. Stains for fat
19. Gammna gandy bodies
20. Classify leprosy
21. Name six genes related to cancer
22. Vit A deficiency lesions

PATHOLOGY – PAPER II

Q.P Code : 108 - SDUU

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

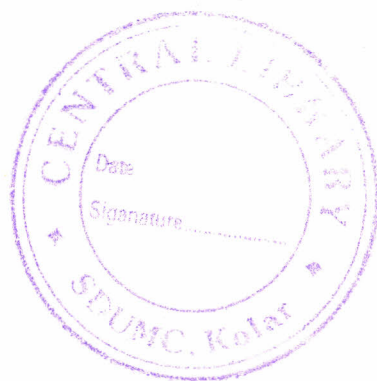
2 X 10 = 20 Marks

1. Twelve years old child had fever, Oliguria, smoky urine one to two weeks after recovery from a sore throat. Renal biopsy was taken
 - a) What is your diagnosis?
 - b) Describe the etiopathogenesis of this condition
 - c) Discuss the morphology
2. Describe the pathogenesis, morphology and prognosis of gastric carcinoma.

SHORT ESSAY

10 X 5 = 50 Marks

3. Follicular adenoma thyroid
4. Morphology of chronic hepatitis
5. Rheumatoid arthritis
6. Morphology of pancreas in diabetes mellitus
7. Calculous cholecystitis
8. Aneurysms
9. Osteoclastoma
10. Seminoma
11. Asbestosis
12. Meningioma

SHORT ANSWERS

10 X 3 = 30 Marks

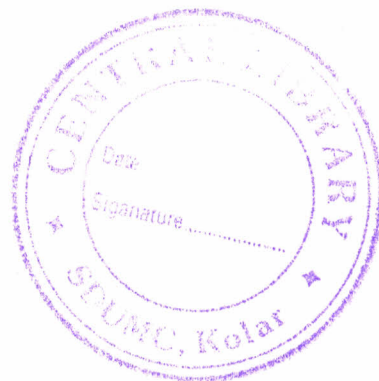
13. Endometrial hyperplasia
14. Fallot's tetralogy
15. Splenomegaly
16. Classification of Hodgekins lymphoma
17. Carcinoid
18. Cervical intraepithelial neoplasia
19. Polyarteritis nodosa
20. Medullary carcinoma thyroid
21. Aschoff bodies
22. Tuberculous meningitis

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1. What is Apoptosis? Write briefly about its mechanisms. Mention the physiologic and pathologic conditions in which it is encountered.
2. Classify Anemia. Describe the pathology, blood and bone marrow findings in Megaloblastic anemia.

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

3. Pathogenesis of septic shock
4. Infraction
5. Mutations
6. Down's syndrome
7. T-lymphocytes
8. Physical and chemical nature of Amyloid
9. Differences between benign and malignant tumors
10. Oncogenes
11. Lepromatous leprosy
12. Exfoliative cytology

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

13. Chronic myeloid leukemia
14. Causes of splenomegaly
15. Causes of secondary thrombocytopenias
16. Giant cells
17. Phagocytes
18. Mention opportunistic infection in AIDS
19. Angiogenesis
20. Fat embolism
21. Dystrophic calcification
22. Hypertrophy

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1. A male patient aged fifty years attended the OPD with complaints of cough and chest pain from one month and hemoptysis since one week. He was a chronic smoker and clubbing of fingers was present. The X-ray showed an opacity in the middle lobe of the right lung
 - a) What is your most probable diagnosis?
 - b) Discuss the pathology of this condition
 - c) How do you proceed to investigate this case?
2. Describe the etiology, gross and microscopy of chronic peptic ulcer stomach. List the complications.

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

3. Etiology of carcinoma of cervix
4. Etiopathogenesis of rheumatic carditis
5. Osteoclastoma
6. Warthins tumour
7. Benign nephrosclerosis
8. Bronchiectasis-types
9. Seminoma
10. Pheochromocytoma
11. Hashimoto's thyroiditis
12. Malignant melanoma

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

13. Gross morphology of carcinoma of colon
14. Laboratory diagnosis of viral hepatitis
15. Classification of ovarian tumors
16. Morphology of renal cell carcinoma
17. Chronic pyelonephritis-microscopy
18. Aetiology of carcinoma breast
19. Microscopy of meningioma
20. Causes of lymphadenopathy
21. Benign prostatic hyperplasia
22. Aetiology of hepatocellular carcinoma