

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

M.B.B.S. PHASE - II Degree Examination – January-2016

Time : 3 Hrs.

[Max. Marks : 100]

PATHOLOGY– PAPER I

Q.P Code : SDUU-107

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Define Neoplasm. Discuss the steps involved in chemical carcinogenesis.
2. Classify AML give its peripheral smear and bonemarrow findings.

SHORT ESSAY

10 X 5 = 50 Marks

3. Classification and pathogenesis of shock.
4. Sickle cell anemia.
5. Morphological changes of megaloblastic anemia.
6. Pathogenesis of renal edema.
7. Factors influencing wound healing.
8. Aplastic anemia.
9. Pathogenesis and complications of primary pulmonary tuberculosis.
10. Graft verses host disease.
11. Primary immune deficiency.
12. Cysticercosis.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Dystrophic calcification.
14. Stem cell.
15. Growth factors
16. Liver biopsy
17. Giant cells.
18. Bence john protein.
19. Fat stains.
20. FNA cytology.
21. CSF analysis.
22. Routes of spread of malignant tumours.

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PATHOLOGY– PAPER II

Q.P Code : SDUU-108

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Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Discuss the etiopathogenesis, morphology and complications of Bronchogenic carcinoma.
2. 55 year female known diabetic for twenty years came with puffiness of face and pedal edema. What is your diagnosis? Discuss the pathology of lesions of this complication.

SHORT ESSAY

10 X 5 = 50 Marks

3. Etiopathogenesis of Gout.
4. Osteosarcoma.
5. Indian Childhood Cirrhosis.
6. Acute pyelonephritis.
7. Carcinoma of Cervix.
8. Asbestosis.
9. Teratoma Ovary.
10. Warthin's Tumor.
11. Gastric Carcinoma.
12. Cardiac Vegetations.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Gall Stones.
14. Sites Peptic Ulcer.
15. Morphology of Atheroma.
16. Causes of Neonatal Jaundice.
17. Goucher Spleen.
18. Krukenberg Tumor.
19. Precancerous Lesions of skin.
20. Fallot's Tetralogy.
21. Name conditions of Ischemic Heart Disease.
22. Gouty Tophi.

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LONG ESSAY (Answer any two)

2 X 10 = 20 Marks

1. Define Neoplasia. Name the routes and discuss the mechanism of Metastasis.
2. Classify Anaemia. Discuss laboratory diagnosis of iron deficiency Anaemia.
3. Define shock. Write about the pathogenesis of Septic shock.

SHORT ESSAY (Answer any Ten)

10 X 5 = 50 Marks

4. Pathological calcification.
5. Discuss type IV hypersensitivity Reaction.
6. Describe the Cellular events in Acute inflammation.
7. Staining Characteristics of Amyloid.
8. Define Thrombosis. Discuss the fate of Thrombus.
9. Congenital Syphilis.
10. Discuss Idiopathic Thrombocytopenic Purpura.
11. Bone marrow picture and Cytogenetics of Chronic myeloid Leukemia.
12. Free radical-mediated cell injury.
13. Pernicious Anaemia.
14. Paroxysmal nocturnal Haemoglobinuria.
15. Laboratory diagnosis of Multiple Myeloma.

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. Granulation tissue.
17. Pancytopenia
18. Cryoprecipitate
19. Lymphoblast
20. Frozen section.
21. Anticoagulants used in blood bags.
22. Lipofuscin.
23. Gaucher's disease.
24. Sickling test
25. Skeletal changes in Rickets.

PATHOLOGY– PAPER II

Q.P Code : RS-108

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY (Answer any Two)

2 X 10 = 20 Marks

1. What is the etiopathogenesis and the histological classification of malignant epithelial lung tumors? Describe the morphology of Squamous cell carcinoma of the lung.
2. Discuss the etiopathogenesis and morphology and laboratory diagnosis of prostatic adenocarcinoma.
3. What is the etiopathogenesis of Diabetes Mellitus. What is the morphology of pancreas and kidney?

SHORT ESSAY (Answer any Ten)

10 X 5 = 50 Marks

4. What are the types and causes of systemic hypertension.
5. Classify Hodgkins disease. Describe nodular sclerosis.
6. Describe the evolution of the morphological changes in acute myocardial infarction.
7. Emphysema- Define and Classify.
8. What is mucoepidermoid carcinoma?
9. What are the fungi that cause chronic pneumonia? Describe the morphology of lung in histoplasmosis.
10. What is the pathogenesis and morphology of chronic gastritis?
11. Viral Hepatitis.
12. Classify testicular tumors. What is the morphology of seminoma?
13. Fibroadenoma,
14. Ewing's sarcoma.
15. Chronic Pyelonephritis.

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. Polyarteritis Nodosa.
17. What are the complications of Myocardial infarction.
18. What is the morphology of lung in Sarcoidosis?
19. Carcinoid tumour.
20. Helicobacter pylori
21. Serology of hepatitis B infection.
22. What is cystic renal dysplasia?
23. What is Phyllodes Tumour? Describe its morphology.
24. Rheumatoid Arthritis.
25. Name four small round cell tumors. Describe the morphology of retinoblastoma.