

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

**(A DEEMED TO BE UNIVERSITY)**

**M.B.B.S. PHASE - II Degree Examination – July-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 labeled diagrams wherever necessary.*

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Define neoplasia. Classify carcinogenic agents and discuss in detail about viral oncogenesis.
2. Classify haemolytic anemias. Discuss in detail the etiology, pathogenesis and morphology of megaloblastic anemia.

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Paraneoplastic syndrome.
4. Factors favouring thrombus.
5. Morphan's syndrome.
6. CSF analysis.
7. Candidiasis.
8. Transfusion reactions.
9. Tuberculin test.
10. Disseminated intravascular coagulation.
11. Osmotic fragility test.
12. Special stains for amyloid.

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Morphological patterns of acute inflammation.
14. Metaplasia.
15. Anti oxidants.
16. Bence-Jone's protein.
17. Air embolism.
18. Cross matching.
19. Philadelphia chromosome.
20. Types of infarct.
21. Clotting time.
22. Granuloma.

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**PATHOLOGY– PAPER II**

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

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

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Define cirrhosis. Give its classification and pathogenesis.
2. Discuss the etiopathogenesis and morphological changes in Myocardial infraction.

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Differences between nephritic syndrome and nephrotic syndrome with examples.
4. Medullary carcinoma thyroid.
5. Carcinoid tumours.
6. Lab diagnosis of diabetes.
7. Describe morphological appearance of Osteogenic sarcoma.
8. Burkitt's lymphoma.
9. CSF examination in Meningitis.
10. Morphology of Wilm's tumour.
11. Endometrial hyperplasia.
12. Thromboangitis Obliterans.

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Mention the types of emphysema.
14. What are the complications of peptic ulcer.
15. Causes of contracted kidney.
16. Name the tumors of salivary glands.
17. Name the types of astrocytoma.
18. Chocolate cyst ovary.
19. Paget's disease of the nipple.
20. Krukenberg tumour.
21. Types of bronchiectasis.
22. Different types of casts in urine.

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**PATHOLOGY– PAPER I**

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

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**LONG ESSAY (Answer any Two)**

**2 X 10 = 20 Marks**

1. Define metastasis. Write in detail the mechanism of invasion and metastasis.
2. Discuss in detail the pathogenesis, diagnosis and clinical features of sickle cell disease.
3. Define and classify shock. Discuss the pathogenesis of septic shock. Describe the morphological changes seen in the lung.

**SHORT ESSAY (Answer any Ten)**

**10 X 5 = 50 Marks**

4. Chemotaxis.
5. Immune thrombocytopenic purpura.
6. Haemochromatosis.
7. Lepromatous leprosy.
8. Fat embolism.
9. Down syndrome.
10. Rh blood grouping.
11. Packed cell volume.
12. Differences between benign and malignant neoplasm.
13. Delayed hypersensitivity.
14. Physical examination of urine.
15. Metaplasia.

**SHORT ANSWERS (No choices)**

**10 X 3 = 30 Marks**

16. Lymphocytosis.
17. Adhesion receptors.
18. Define and classify stem cells.
19. Urine test for glucose.
20. List the anticoagulants used routinely in hematology.
21. Stains for amyloid.
22. Clotting time.
23. How to demonstrate fatty change in tissues.
24. Peripheral smear picture in chronic myeloid leukemia.
25. Chronic venous congestion liver.

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**PATHOLOGY– PAPER II**

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

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

*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY (Answer any Two)**

**2 X 10 = 20 Marks**

1. Aetiopathogenesis of bronchiectasis. What are the complications of bronchiectasis?
2. Classify cirrhosis of liver. Discuss alcoholic cirrhosis.
3. Aetiopathogenesis of carcinoma cervix. Discuss its cytological diagnosis.

**SHORT ESSAY (Answer any Ten)**

**10 X 5 = 50 Marks**

4. Type-II diabetes mellitus.
5. Histological variants and features of osteosarcoma.
6. CSF changes in meningitis.
7. Pathology of chronic pyelonephritis.
8. Microscopic features of myocardial infarction.
9. Wegeners granulomatosis.
10. Who classification of ovarian tumors.
11. Microscopic features of gastric carcinoma.
12. Histology of medullary carcinoma of breast.
13. Peutz-jeghers syndrome.
14. Microscopic features of paraganglioma.
15. Pneumoconiosis.

**SHORT ANSWERS (No Choices)**

**10 X 3 = 30 Marks**

16. Classify salivary gland tumors.
17. Spermatocytic seminoma .
18. Three microscopic features of pleomorphic adenoma.
19. Types reed Sternberg cells.
20. Morphology of crohn's disease.
21. Xanthogranulomatous pyelonephritis.
22. Three features of nephrotic syndrome.
23. Wilms tumor.
24. Dermoid cyst.
25. Aschoff nodule.