

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

M.B.B.S. PHASE - II Degree Examination – January-2015

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 necrosis. Mention types of necrosis and describe their morphology
2. Discuss pathogenesis, morphology and complications of thromboembolism.

SHORT ESSAY

10 X 5 = 50 Marks

3. Classification and pathogenesis of amyloid.
4. Thalassemia.
5. Pathogenesis and morphological changes of irreversible shock.
6. Role of chemical mediators in inflammation.
7. Complications of wound healing.
8. Multiple myeloma.
9. Pathogenesis and complications of AIDs.
10. Type IV hypersensitivity.
11. Systematic lupus erythematosus.
12. Madura mycosis.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Diagnosis of malaria.
14. Barr body.
15. Gauchers disease.
16. Peripheral blood picture of iron deficiency anemia.
17. L.E cells.
18. Urine findings in jaundice.
19. Seminal analysis.
20. Exfoliative cytology.
21. CSF features in T.B meningitis.
22. Differences between benign and malignant tumours.

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PATHOLOGY– PAPER II

Q.P Code : SDUU-108

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LONG ESSAY

2 X 10 = 20 Marks

1. Discuss etiopathogenesis of squamous cell carcinoma cervix.
2. Etiopathogenesis and complications of Diabetes Mellitus.

SHORT ESSAY

10 X 5 = 50 Marks

3. Embryonal carcinoma of testes.
4. Non neoplastic polyps in intestine.
5. Classification of cirrhosis with a note on laboratory investigations in hepatitis B.
6. Ewing sarcoma.
7. Polycystic kidney disease.
8. Wilson's Disease.
9. Classify Hodgkins Disease.
10. Describe microscopic appearance of Carcinoid.
11. Chronic osteomyelitis.
12. Choriocarcinoma.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Nephrolithiasis – mention types.
14. Name the risk factors for Atherosclerosis.
15. Sequestrum.
16. Mention the names of tumours which metastasise to lung.
17. Name five small round cell tumours.
18. Types of cardiomyopathy's.
19. Etiological factors of gall stones.
20. Addisons disease.
21. Morphological types of leiomyomas in the uterus.
22. Causes of male infertility.

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PATHOLOGY– PAPER I

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LONG ESSAY

2 X 10 = 20 Marks

1. Define shock. Enumerate types of shock and discuss the pathogenesis and morphological changes in shock.
2. Enumerate the various carcinogenic agents. Classify the chemical carcinogens and describe the steps involved in chemical carcinogens.

SHORT ESSAY

10 X 5 = 50 Marks

3. Write a short note on metaplasia.
4. Define necrosis, mention its types and add a note on autolysis.
5. Write a short note on mediators of inflammation.
6. List out the diseases associated with AIDS.
7. Write in brief about packed cell volume.
8. Peripheral picture of chronic myeloid leukemia.
9. Discuss the pathogenesis of β thalassemia.
10. Write the pathological features of acute lymphoblastic leukemia T-Cell type.
11. Define leukocytosis and discuss its pathogenesis.
12. Discuss the morphological features of multiple myeloma.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Write the differences between exudates and transudates.
14. Write briefly about urine examination.
15. Write the different types of necrosis with examples.
16. Describe the staining methods of amyloid.
17. Describe the microscopic appearance of lepromatous leprosy.
18. Mention few indications of bone marrow aspiration.
19. Write short note on ESR.
20. Write briefly about hemophilia.
21. Mention the complications of mismatched blood transfusion.
22. Give two examples for the following

a) Hypertrophy

b) Hyperplasia

c) Atrophy

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PATHOLOGY– PAPER II

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

LONG ESSAY

2 X 10 = 20 Marks

1. Define atherosclerosis. Discuss its aetio-pathogenesis and morphology.
2. Define and classify cirrhosis of liver. Describe the morphological features of the most common types of cirrhosis of liver.

SHORT ESSAY

10 X 5 = 50 Marks

3. Describe the complications of diabetic mellitus.
4. Write laboratory investigations for jaundice.
5. Write a short note on surface epithelial tumors of ovary.
6. Write a note on Hirschsprung disease.
7. Describe the working formulation of Non-Hodgkin's lymphoma.
8. Write a short note on Bartholin's cyst.
9. Write the classification of endometriosis and describe any one type.
10. Write a short note on Medulloblastoma.
11. Describe paget's disease.
12. Write a short note on etiopathogenesis of carcinoma cervix.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Define endocarditis.
14. Write briefly about aneurysm.
15. Describe meningioma.
16. Enumerate the microscopy of papillary carcinoma of thyroid.
17. Write short notes on Fallot's tetralogy.
18. Differentiate between nephritic and nephrotic syndrome.
19. Describe briefly about hyperparathyroidism.
20. Write short notes on TB Meningitis.
21. Define melanoma.
22. Write short notes on tumor markers.