

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

M.B.B.S. PHASE - II Degree Examination – July-2014

Time : 3 Hrs.

[Max. Marks : 100]

PATHOLOGY– PAPER I

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Describe the vascular and cellular events seen in acute inflammation in a sequential manner.
2. Describe the pathology, blood and bone-marrow picture of megaloblastic anemia.

SHORT ESSAY

10 X 5 = 50 Marks

3. Consequences of Vitamin 'A' deficiency.
4. Auto immune thyroiditis.
5. Stains for amyloid.
6. Healing by first intension.
7. Types of infarction and morphology.
8. Primary complex.
9. Klinefelter's syndrome.
10. Dysplasia.
11. Viral oncogenesis.
12. Apoptosis.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Bence-jones proteins.
14. Mean corpuscular volume.
15. Methods of ESR estimations.
16. Test for bile salts.
17. Staining of blood films.
18. Haemo parasites.
19. Semen analysis.
20. Measurement of specific gravity of urine.
21. Buffy coat preparation.
22. Reticulocyte.

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PATHOLOGY– PAPER II

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LONG ESSAY

2 X 10 = 20 Marks

1. Describe etiopathogenesis of diabetes. Explain the related complications.
2. 40 year female presents with post coital bleeding and foul smelling discharge per vagina. She has lost 15% wt in 2 months with loss of appetite.
 - a) What is your diagnosis?
 - b) What is the etiopathogenesis of this condition?
 - c) What are the morphological features?

SHORT ESSAY

10 X 5 = 50 Marks

3. Describe the pathogenesis of bronchial asthma.
4. Write a short note on osteoclastoma.
5. Write a short note on renal cell carcinoma.
6. Describe Gynaecomastia.
7. Write the features of basal cell carcinoma with a neat labeled diagram.
8. Write a short note on Crohn's syndrome.
9. Explain the causes of lymphnode enlargements.
10. Write a short note on cholelithiasis.
11. Describe the pathology of Hashimoto's thyroiditis.
12. Describe the pathogenesis of myocardial infarction.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Write the cerebrospinal findings in pyogenic meningitis.
14. List out the pathologic effects of gall stones.
15. Mention the diagnostic methods of choriocarcinoma.
16. Write the causes of splenic enlargements.
17. Define endometriosis.
18. Mention the enzymes involved in myocardial infarction.
19. Write the features of Astrocytoma-Grade-IV.
20. Write few features of paget's disease.
21. Describe malignant melanoma.
22. Write short notes on cardiomyopathy.

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PATHOLOGY– PAPER I

Q.P Code : SDUU-107

Your answers should be specific to the questions asked.

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LONG ESSAY

2 X 10 = 20 Marks

1. Discuss in detail various types of hypersensitivity reactions with examples.
2. Classify amyloidosis? Describe its pathogenesis and staining characteristics.

SHORT ESSAY

10 X 5 = 50 Marks

3. Apoptosis.
4. Mention various types of necrosis with examples.
5. Factors affecting wound healing.
6. Injury caused by different types of radiation.
7. Describe types of metaplasia in detail with examples.
8. Adhesion molecules in inflammation.
9. LE cell phenomenon.
10. Pyridoxine deficiency diseases.
11. Lab diagnosis of iron deficiency anaemia.
12. Klinefelters syndrome.

SHORT ANSWERS

10 X 3 = 30 Marks

13. What is pigment. Name the different types of pigments.
14. Discuss Carcinoma-in-situ.
15. Megaloblast.
16. Causes of hypercoagulability of blood.
17. Hemolytic disease of Newborn.
18. Causes of splenomegaly.
19. Bence jones proteinuria.
20. Sites of blood collection.
21. Mention names of opportunistic infections in AIDS.
22. Differences between dry and wet gangrene.

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PATHOLOGY– PAPER II

Q.P Code : SDUU-108

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LONG ESSAY

2 X 10 = 20 Marks

1. A 40 year old man with a history of smoking presented to the hospital with hemoptysis, cough, chest pain.
 - a) Give your diagnosis.
 - b) What is pathogenesis and complications of the disease.
 - c) What are the laboratory findings.
2. Classify cirrhosis and describe the morphology and complications.

SHORT ESSAY

10 X 5 = 50 Marks

3. Atherosclerosis.
4. Cardiomyopathy.
5. Bronchiectasis.
6. Pathogenesis of Bronchial Asthma.
7. Chronic Glomerulo nephritis.
8. Salivary gland tumours.
9. Cholelithiasis.
10. Hodgkins Lymphoma.
11. Choriocarcinoma.
12. Chronic osteomyelitis.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Giant cell tumour.
14. Causes of nephrotic syndrome.
15. Morphology of ulcerative colitis.
16. Chronic hepatitis.
17. Fibroadenoma.
18. Seminoma.
19. Papillary carcinoma thyroid.
20. Brain abscess.
21. Melanoma.
22. Morphology of peptic ulcer.