

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

M.B.B.S. PHASE - II Degree Examination – January-2013

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 morphological patterns of Necrosis. How do you differentiate necrosis from autolysis.
2. Classify Acute lymphoblastic leukemia. Write peripheral smear and bone marrow picture with a note on cytochemistry.

SHORT ESSAY

10 X 5 = 50 Marks

3. Dystrophic calcification.
4. Granulation tissue.
5. Fatty change.
6. Paradoxical embolism.
7. Klinefelter's Syndrome.
8. Premalignant lesions.
9. Kwashiorkor.
10. Pathogenesis of AIDS.
11. Role of cytokines in Acute inflammation.
12. Tumor markers.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Reticulocyte count.
14. Absolute indications of Bone marrow aspiration.
15. Rothera's Test.
16. What is renal glycosuria.
17. Role of exfoliative cytology.
18. Urinary casts.
19. Peripheral smear in Malaria.
20. Utility of buffy coat.
21. Antinuclear antibody.
22. Macropolycyte.

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PATHOLOGY– PAPER II

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LONG ESSAY

2 X 10 = 20 Marks

1. Describe the etiology, pathology and complications of myocardial infarction.
2. Define, classify lymphomas. Add a note on etiology and discuss mixed cellularity type of Hodgkin lymphoma.

SHORT ESSAY

10 X 5 = 50 Marks

3. Bronchiectasis.
4. Dissecting aneurysm.
5. Papillary carcinoma of thyroid.
6. Osteogenic sarcoma.
7. Chronic pyelonephritis.
8. Cirrhosis of liver.
9. Barret's oesophagus.
10. Pheochromocytoma.
11. Carcinoid tumor.
12. Etiology of carcinoma cervix.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Wilson's disease.
14. Causes of splenomegaly.
15. Acute pancreatitis.
16. Renal cell carcinoma.
17. Classification of testicular tumors.
18. Begin prostatic hyperplasia.
19. Brenner's tumor.
20. Ductal carcinoma of breast.
21. Melanoma.
22. Meningioma.

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PATHOLOGY– PAPER I

Q.P Code : 107 - SDUU

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LONG ESSAY

2 X 10 = 20 Marks

1. Define neoplasm. Discuss in detail differences between benign and malignant tumors.
2. Classify leukaemias. Discuss the peripheral smear findings of chronic myeloid leukaemia. Add a note on Philadelphia chromosome.

SHORT ESSAY

10 X 5 = 50 Marks

3. Types of embolus.
4. Apoptosis.
5. Special stains for amyloid.
6. Maduramycosis.
7. Tumor markers.
8. Von willibrand disease.
9. Semen analysis.
10. Lepromatous leprosy.
11. Phagocytosis.
12. Aplastic anemia.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Type of shock.
14. Reticulocyte.
15. Endogenous pigments.
16. Dystrophic calcification.
17. Types of giant cells.
18. Gangrene.
19. L.E.cell.
20. Causes of fatty liver.
21. Tests for proteinuria.
22. Examples of X- linked disorders.

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PATHOLOGY– PAPER II

Q.P Code: 108- SDUU

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LONG ESSAY

2 X 10 = 20 Marks

1. A 40 yrs old male admitted for weight loss anorexia and vomiting. Clinical examination revealed an epigastric mass.
 - a) What is your diagnosis
 - b) How will you classify the lesion.
 - c) Discuss microscopic picture of the lesion.
2. Discuss the etiopathogenesis, morphology and complications of atherosclerosis.

SHORT ESSAY

10 X 5 = 50 Marks

3. Hashimoto's thyroiditis.
4. CSF findings in meningitis.
5. Hodgkin disease
6. Pagets disease of bone.
7. Aneurysms.
8. Silicosis.
9. Diabetic nephropathy.
10. Carcinoid tumor.
11. Reed-Sterberg cell
12. Seminoma.

SHORT ANSWERS

10 X 3 = 30 Marks

13. X – Ray findings of osteosarcoma.
14. Morphology of papillary carcinoma of thyroid.
15. Cytological diagnosis of cervical cancer.
16. Types of emphysema.
17. Pilocytic astrocytoma.
18. Fallot's tetralogy.
19. Stages of alcoholic liver disease.
20. Asbestos bodies.
21. Barrets esophagus.
22. Pleomorphic adenoma.