

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

M.B.B.S. PHASE - II Degree Examination – July-2012

Time : 3 Hrs.

[Max. Marks : 100]

PATHOLOGY– PAPER I

Q.P Code : 107- SDUU

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Classify carcinogenic agents. Describe the various microbial agents that are associated with carcinogenesis.
2. 54 years male c/o weakness, weight loss since 8 months. O/E Pallor, marked splenomegaly, laboratory report shows Hb10gm%, TC 170000/mm³ platelets 400000/WL.
 - a) What is your diagnosis.
 - b) Describe blood and bone marrow findings to confirm your diagnosis.
 - c) What is the common genetic abnormality.
 - d) What is the natural history of the disease.

SHORT ESSAY

10 X 5 = 50 Marks

3. Chemokines.
4. Von willebrand disease.
5. Down's syndrome.
6. Factors influencing wound healing.
7. Chemical nature of amyloid.
8. Primary tuberculosis.
9. Blood transfusion reactions.
10. Tumor markers.
11. Type I hypersensitivity reaction.
12. Disseminated intravascular coagulation.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Anticoagulants.
14. Target cells.
15. Leukocytosis.
16. Ketone bodies in urine.
17. Haemoglobin estimation by cyanmethaemoglobin method.
18. Reticulocyte count.
19. Bleeding time.
20. Specific gravity of urine.
21. Buffy coat.
22. Microscopic examination of sputum.

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PATHOLOGY– PAPER II

Q.P Code : 108- SDUU

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LONG ESSAY

2 X 10 = 20 Marks

1. Enumerate the clinical syndromes associated with ischaemic heart disease. Discuss in detail the etiopathogenesis, morphology and complications of myocardial infarction.
2. Classify bone tumours. Discuss in detail the etiology, morphology and radiological findings of osteosarcoma.

SHORT ESSAY

10 X 5 = 50 Marks

3. Lung abscess.
4. Seminoma.
5. Classification of breast carcinoma.
6. Benign hyperplasia of prostate.
7. Paget's disease of bone.
8. Chronic hepatitis.
9. Carcinoid tumor.
10. Pilocytic astrocytoma.
11. Renal complications of diabetes mellitus.
12. Follicular lymphoma.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Pott's spine.
14. Reed Sternberg cell.
15. Malignant melanoma.
16. Casts in urine.
17. Barrett's esophagus.
18. Krukenberg tumour.
19. Causes for acute pancreatitis.
20. Types of renal calculi.
21. Pleomorphic adenoma.
22. Sputum cytology.

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LONG ESSAY

2 X 10 = 20 Marks

1. Define neoplasia. Write in detail about viral oncogenesis.
2. Write in detail about etiopathogenesis, morphology and laboratory diagnosis of iron deficiency anaemia.

SHORT ESSAY

10 X 5 = 50 Marks

3. Factors influencing wound healing.
4. Granulomatous inflammation.
5. Lepromatous leprosy.
6. Stains for amyloid.
7. Septic shock.
8. Hyperplasia.
9. Turner syndrome.
10. Leukemoid reaction.
11. Spherocytosis.
12. Immune thrombocytopenic purpura.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Sperm examination.
14. Leukocytosis.
15. Malarial parasites in peripheral smear.
16. Chemical examination for ketone bodies in urine.
17. Urinometer.
18. Indications for bonemarrow aspiration.
19. Bleeding time.
20. Packed cell volume.
21. Diseases transmitted through blood transfusion.
22. RBC indices.

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PATHOLOGY – PAPER II

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LONG ESSAY

2 X 10 = 20 Marks

1. An 8 year old boy was admitted with malaise fever, oliguria, cocoa-coloured urine 2 weeks after recovery from sore throat. On examination, he was found to have peri orbital oedema and moderate hypertension?
 - a. What is the probable diagnosis?
 - b. Describe the etiopathogenesis.
 - c. List the urinary findings of the disease?
2. Describe etiopathogenesis and morphology of carcinoma of stomach?

SHORT ESSAY

10 X 5 = 50 Marks

3. Renal changes in diabetes mellitus.
4. Choriocarcinoma.
5. Classification of breast tumours.
6. Teratoma of ovary.
7. Complications of Cirrhosis.
8. Pathogenesis of emphysema.
9. Etiology of bronchogenic carcinoma.
10. Atherosclerosis risk factors.
11. Basal cell carcinoma.
12. Meningioma.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Microscopy of seminoma.
14. Graves disease.
15. Enzyme changes in myocardial infarction.
16. Morphology of ulcerative colitis.
17. Histological variants of Hodgkin's lymphoma.
18. Pre malignant lesions of skin.
19. Ewings sarcoma.
20. Etiology of acute pancreatitis.
21. Lepromatous leprosy.
22. CSF findings in TB meningitis.