

PATHOLOGY– PAPER I

Q.P Code : RS-107

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. Classify Anemia. Give the etiopathogenesis, clinical features and lab diagnosis of Megaloblastic anemia.
2. What is etiopathogenesis of thrombo embolism? Write in detail about the formation, fate and effects of thrombo embolism.
3. Describe in detail the etiopathogenesis of malignant tumor. What are the morphological features and lab diagnosis of malignant tumor.

SHORT ESSAY (Answer any Ten)

10 X 5 = 50 Marks

4. Klinefelter syndrome.
5. Free radicals.
6. What are the causes of granulomatous inflammation? Write about primary complex.
7. What is the etiopathogenesis of Dystrophic Calcification? Give examples.
8. What are the chemical mediators of inflammation. Briefly discuss the role of serotonin.
9. Niemann-pick disease..
10. Classify amyloidosis and discuss its pathogenesis. Describe the morphology of amyloid spleen.
11. Angiogenesis in neoplasia.
12. Define Necrosis. Describe the types with examples.
13. What are paraneoplastic syndrome? Give examples.
14. What is Aplastic anemia.
15. What are Hypersensitivity Reactions? What are the types? Give examples.

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. List the diagnostic procedures to detect AIDS.
17. What are the types of infarcts? Give examples.
18. What are viral carcinogens.
19. What is Myelodysplastic syndrome.
20. Differences between typhoid and tuberculosis ulcers in the intestine .
21. Sick cell test.
22. What are natural killer cells?
23. Skeletal changes in rickets.
24. What is Von Willebrand's disease?
25. What is the importance of blood grouping and Rh typing.

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

M.B.B.S. PHASE - II Degree Examination – January-2017

Time : 3 Hrs.

[Max. Marks : 100]

PATHOLOGY– PAPER II

Q.P Code : RS-108

Your answers should be specific to the questions asked.

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LONG ESSAY (Answer any Two)

2 X 10 = 20 Marks

1. Describe the pathogenesis, morphology, clinical features of osteosarcoma.
2. Describe the morphology and predisposing factors of acute pyelonephritis.
3. Describe the pathogenesis and morphology of hepatocellular carcinoma.

SHORT ESSAY (Answer any Ten)

10 X 5 = 50 Marks

4. Papillary carcinoma of thyroid.
5. Meningioma .
6. Morphology of myocardial infarction.
7. Hepatitis C viral hepatitis.
8. Amoebic colitis.
9. CSF findings in pyogenic and tuberculous meningitis.
10. Risk factors for breast carcinoma.
11. Seminoma
12. Nephrotic syndrome.
13. Pathogenesis of peptic ulcer .
14. Gall stones.
15. Hydatidiform mole.

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. Teratoma.
17. Atherosclerotic plaque.
18. Four types of vegetative endocarditis.
19. Cryptorchidism .
20. Morphology of basal cell carcinoma.
21. Pleomorphic adenoma.
22. Morphology of joints in rheumatoid arthritis.
23. Barrett esophagitis.
24. Classification of diabetes mellitus.
25. Anthracosis.

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PATHOLOGY– PAPER I

Q.P Code : SDUU-107

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LONG ESSAY

2 X 10 = 20 Marks

1. Define inflammation. Discuss in detail vascular events of acute inflammation.
2. Classify anemias. Discuss in detail etiology, pathogenesis and management of megaloblastic anemia.

SHORT ESSAY

10 X 5 = 50 Marks

3. Fate of thrombus.
4. Pathogenesis of septic shock.
5. Cysticercosis.
6. Laboratory diagnosis of cancer.
7. Disseminated intravascular coagulation.
8. Hereditary spherocytosis.
9. Gaucher's disease.
10. Type I hypersensitivity reaction.
11. Types of necrosis.
12. Rickets.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Barr body.
14. Ghon's complex.
15. Philadelphia chromosome.
16. Erythrocyte sedimentation rate.
17. Lipofuscin.
18. Indications for peripheral smear study.
19. Metaplasia.
20. Morphology of chronic venous congestion liver.
21. Supravital stain.
22. Enumerate radiation induced tumors.

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PATHOLOGY– PAPER II

Q.P Code : SDUU-108

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LONG ESSAY

2 X 10 = 20 Marks

1. Enumerate the risk factors for myocardial infarction. Discuss the etiopathogenesis and complications of myocardial infarction.
2. Discuss the etiology, pathogenesis and complications of chronic gastritis.

SHORT ESSAY

10 X 5 = 50 Marks

3. Types and morphology of emphysema.
4. Differentiate between Ulcerative colitis and Crohn's disease.
5. Gall stones.
6. CSF changes in meningitis.
7. Retinoblastoma.
8. Hyperparathyroidism.
9. Teratoma.
10. Fibrocystic change in breast.
11. Role of HPV in carcinoma cervix.
12. Crescentic glomerulonephritis.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Lung abscess.
14. Chronic pancreatitis.
15. Myasthenia gravis.
16. Differentiate between papillary carcinoma thyroid and follicular carcinoma thyroid.
17. Osteomyelitis.
18. Phyllodes tumor.
19. Transitional cell carcinoma of urinary bladder.
20. Wilm's tumor.
21. Differentiate between nephritis and nephrotic syndrome.
22. Reed – Sternberg cells.