

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

M.B.B.S Phase-II Degree examination April/May 2025

Time:3 hours

Max Marks:100

PATHOLOGY- PAPER 1

Your answer should be specific to the question asked

Draw neat and labeled diagrams wherever necessary

LONG ESSAY

2 X 10 = 20 Marks

1. Classify Hodgkin lymphoma. Give gross and microscopic findings of each type (2+2+6)
2. Define Oedema. Enumerate the causes for edema. Describe pathogenesis of cardiac edema. (1+4+5)

SHORT ESSAY

10 X 5 = 50 Marks

3. Discuss the pathogenesis of septic shock
4. Describe the etiopathogenesis and morphology of Burkitt lymphoma
5. List primary immunodeficiency diseases and discuss Chronic granulomatous disease
6. Discuss the role of Fluid cytology in clinical practice
7. What is Coombs test? Name the types and basic steps of the procedure. Discuss the clinical importance of this test
8. What is transcelomic spread of tumors. Give TWO examples for transcelomic spread of malignant tumors
9. Define granuloma and describe the mechanism of formation of granuloma.
10. Describe the etiopathogenesis and morphology of Hyaline membrane disease
11. Describe the pathogenesis and morphology of Hydatid disease
12. Describe Pathogenic mechanism in irreversible Cell injury

SHORT ANSWERS

10 X 3 = 30 Marks

13. Define & Classify Granuloma
14. List THREE causes for thrombocytopenia
15. Enumerate the peripheral blood smear findings in myelofibrosis
16. List THREE causes of pneumonia in an immunocompromized host
17. Name THREE tumor suppressor genes involved in malignancy
18. List the different types of platelets available for transfusion
19. What is the mechanism behind the nut meg appearance of liver in chronic venous congestion
20. What are Russells bodies? Where is it seen?
21. Name THREE autoimmune disease affecting alimentary tract
22. Name SIX non-neoplastic complications of Ionizing radiation

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

M.B.B. S Phase-II Supplementary Examination April/May 2025

Time:3 hours

Max Marks:100

PATHOLOGY- PAPER 2

Your answer should be specific to the question asked

Draw neat and labeled diagrams wherever necessary

LONG ESSAY

2 X 10 = 20 Marks

1. Discuss the etiopathogenesis, morphology, spread and clinical course of esophageal carcinoma? (3+4+1+2)
2. 58 yrs male chronic smoker. C/O Retrosternal chest pain associated with sweating. Pain was radiating to along the ulnar border of left hand. What is your diagnosis? Discuss etiopathogenesis, pathology and complications of disease. (2+3+3+2)

SHORT ESSAY

10 X 5 = 50 Marks

3. Describe the etiopathogenesis and morphology of Pseudomyxoma peritonii
4. Describe the etiopathogenesis and morphology of Kaposi sarcoma
5. Describe the morphology of Focal segmental glomerulosclerosis (FSGS)
6. Classify salivary gland tumors and describe the morphology of Warthin tumor
7. Describe pathology of Parkinson Disease
8. Describe the morphology of Primary cardiomyopathy
9. Enumerate osteogenic tumors. Describe the gross and microscopy of osteosarcoma
10. Describe the etiopathogenesis and various types of gall stones
11. Describe the etiopathogenesis of lobar pneumonia.
12. Classify and Describe the morphology of Nevus

SHORT ANSWERS

10 X 3 = 30 Marks

13. Describe the morphology of peptic ulcer
14. What is the composition and organism associated with Struvite stones of kidney
15. Enlist THREE types of pituitary adenoma
16. List THREE complications of pyogenic osteomyelitis
17. List the different types of astrocytoma
18. Mention the eEtiology and sites of rhinosporidiosis
19. Mention THREE premalignant lesions of the skin
20. List germ cell tumors of ovary
21. Mention the types of cardiomyopathy
22. List SIX major risk factors for atherosclerosis