

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

M B B S Phase III Part II Examinations, Feb 2024

Time: 180 Minutes

Max Marks: 80 Marks

Surgery P I QP CODE: C4131

*Your answer should be specific to the question asked
Draw neat labeled diagrams wherever necessary*

Long Essay $10 \times 2 = 20$ Marks

1. A 30 yr old male brought to the casualty with multiple rib fractures following a road traffic accident. Discuss the management.
2. Describe the clinical features, investigations and management of liver injuries.

Short Essay $5 \times 12 = 60$ Marks

3. Write a short note on the classification and management of Intermittent claudication
4. Rappaport classification of lymphoma
5. Boerhaave syndrome- Clinical features and management
6. Write a short note on Passeros triangle.
7. Dukes staging of colorectal cancer
8. Discuss the Anomalies of intestinal rotation and their management.
9. Fistula in ano-causes and management
10. Excretory Urogram- indications and common findings
11. Diverticula in Urinary Bladder
12. Rupture of urethra. Management
13. Describe the descent of testis and write about the management of Undescended Testis
14. Discuss the principles of renal transplantation. How do you manage the complications following transplantation?

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Surgery P II

Section – A (Use separate Booklets for Sec. A & B)

QP CODE: C4135

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

Long Essay 10 × 1 = 10 Marks

1. Discuss the clinical features and management of crush syndrome

Short Essay 5 × 6 = 30 Marks

2. Etiological factors of pyogenic granuloma. Describe clinical features and management.
3. Write a brief note on Metabolic alkalosis
4. Classify burns. Management of second degree burns
5. Carcinoma Tongue- Management
6. Discuss salivary tumors. Describe clinical features, investigation and management of adenoid cystic carcinoma of parotid gland.
7. Lymphatic drainage of breast

Orthopaedics- Section - B

QP CODE: C4136

Long Essay 10 × 1 = 10 Marks

1. A 60Y/M Patient gave alleged history of slip and fall at his residence following which he sustained injury to his left hip joint. Complaints of inability to bear weight on the affected limb patient was brought to EMD for further management. INPECTION: Patient in supine position with left lower limb externally rotated and lateral border of the foot touching the couch completely. Name the above mentioned condition Describe the clinical features, investigations and management of the condition. What are the complications of this condition

Short Essay 5 × 6 = 30 Marks

2. Mention any 2 causes for diaphysial osteomyelitis? describe pathogenesis, clinical features and management?
3. Describe Foot drop? What is Foot drop splint? Describe its clinical features and management
4. Describe Barlow's test ? Mention TWO other clinical tests performed in Developmental dysplasia of hip (DDH) ?Describe its clinical features and management
5. what is EULAR criteria What are the clinical features and management of Rheumatoid arthritis?
6. Write about blood grouping and cross matching. Write a note on ABO incompatibility? (2+3)
7. Discuss about sickle cell anemia and radiographic features of sickle cell anemia. (3+2)

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M.B.B.S Phase-III (Part II) Degree examination Feb 2024

Time:3 hours

Max Marks:100

Your answer should be specific to the question asked Draw neat and labeled diagrams wherever necessary

GENERAL SURGERY- PAPER 1-Section A,

QP Code: U4135

LONG ESSAY

2 X 10 = 20 Marks

1. Discuss the etiology, clinical features, investigation and management of carcinoma breast. 3+3+4
2. Describe how you will proceed with investigation and management of multinodular goiter in a female aged 40 years. 3+3+4

SHORT ESSAY

3 X 5 = 15 Marks

3. Describe the management of Septic shock 3+2
4. Mention indications and contra indications of MRCP. 3+2
5. Enumerate the Pre Malignant lesions of skin. Mention histologic features of squamous cell carcinoma. 3+2

SHORT ANSWERS

5 X 3 = 15 Marks

6. List the complications of Circumferential burns
7. List the three causes for gas under the diaphragm in a chest X ray in erect position.
8. List three surgical causes of Hypocalcemia.
9. Write the indications dosage and side effects of Tamoxifen
10. Describe the etiology, clinical features and management of carbuncle.

ORTHOPAEDICS- PAPER 1- Section B

QP Code: U4136

LONG ESSAY

2 X 10 = 20 Marks

1. What is Spondylolisthesis? Mention the classification, describe the clinical features and management of Spondylolisthesis. (2+4+2+2)
2. Discuss the pathology, clinical features and management of Ewing's sarcoma right femur in 10 year old child ? (2+3+5)

SHORT ESSAY

3 X 5 = 15 Marks

3. What are the stages of Fracture healing? mention the factors influencing it ? (3+2)
4. What is Spina bifida? Describe it's different types with diagram? (1+4)
5. What is Chronic Osteomyelitis? Mention about its pathology and radiological features? (1+2+2)

SHORT ANSWERS

5 X 3 = 15 Marks

6. Mention any THREE deformities seen in Leprosy?
7. What is Olecranon bursitis (Students Elbow)? How do you manage?
8. Describe the "Soap bubble" appearance on X-ray? Mention the neoplastic condition where this is seen ?
9. Mention THREE clinical features of Common peroneal nerve palsy.
10. Describe boutonniere deformity in Rheumatoid hand ?

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GENERAL SURGERY- PAPER 2

*Your answer should be specific to the question asked
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LONG ESSAY

2 X 10 = 20 Marks

1. Discuss the aetiology, types, clinical features, complications and management of hydronephrosis. 2+2+2+4
2. Describe the clinical features, complications and management of blunt chest injury. 3+3+4

SHORT ESSAY

10 X 5 = 50 Marks

3. Discuss the various investigations for assessment of kidney function. 2+3
4. Discuss the management of ano-rectal malformation.
5. Define paraneoplastic syndrome. Enumerate the paraneoplastic syndromes in bronchogenic carcinoma. 2+3
6. How do you Investigate & Treat a case of Peripheral Vascular Disease ?. 2+3
7. Describe latest trends in renal transplantation.
8. Describe the clinical features, diagnosis and management of pyogenic liver abscess. 1+2+2
9. Discuss the clinical presentation, diagnosis and management of Diabetic foot. 1+2+2
10. Discuss the clinical features and Complications of varicose veins. 1+2+2
11. Describe the etiology, clinical signs and symptoms of hydatid disease of the lung. 1+1+3
12. Discuss Pathology, Clinical features and management of Perianal Abscess. 2+3

SHORT ANSWERS

10 X 3 = 30 Marks

13. Mention the Diagnosis and treatment of Ectopic Testis.
14. Mention the causes of unilateral swelling of leg.
15. Mention the Causes of loss of Testicular Sensation.
16. Discuss auto transfusion in splenic injury.
17. Mention the radiological features suggestive of pulmonary carcinoma.
18. Enumerate the causes of upper Gastro Intestinal bleeding.
19. Mention the surgical treatment of Renal Tuberculosis.
20. Describe Bisgaard's regimen and its role in venous ulcer?
21. How will you differentiate between direct, indirect inguinal hernia and femoral hernia.
22. Mention the grades of claudication pain.

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GENERAL SURGERY- PAPER 1-Section A,

QP Code: RS12A

LONG ESSAY (Answer any 2)

2 X 10 = 20 Marks

1. Describe how you will proceed with investigation and management of multinodular goiter in a female aged 40 years. 3+3+4
2. Define an ulcer. Discuss the pathology and management of diabetic foot. 2+4+4
3. Discuss the patho-physiology of burns. How do you manage a case of 40% burns? 4+3+3

SHORT ESSAY (Answer any 3)

3X 5 = 15 Marks

4. Discuss the Clinical features, investigations and management of Mastalgia 1+2+2
5. Outline the principles of prevention and control HIV infection in surgical practice. 3+2
6. Mention the diagnostic and therapeutic uses of ultra-sonography in surgery. 3+2
7. Mention the etiology, clinical features and management of cylindroma. 1+2+2

SHORT ANSWERS (No choices)

5 X 3 = 15 Marks

8. List three surgical causes of Hypokalemia.
9. Mention the types of wound healing.
10. Write a short note on Mondor's disease
11. List six mammographic findings in carcinoma breast.
12. List three surgical causes of Metabolic acidosis.

ORTHOPAEDICS- PAPER 1- Section B,

QP Code: RS12B

LONG ESSAY (Answer any 2)

2 X 10 = 20 Marks

1. Mention the types of Rickets? Describe the clinical and Radiological features of Nutritional Rickets? (2+4+4)
2. Describe the clinical features, radiological appearance and management of Osteosarcoma? (3+3+4)
3. What is Spondylolisthesis? Mention the classification, describe the clinical features and management of Spondylolisthesis. (2+4+2+2)

SHORT ESSAY (Answer any 3)

3X 5 = 15 Marks

4. Describe the course of Radial nerve in the arm? Classify Radial nerve injuries? (2+3)
5. Mention the grades of Pott's paraplegia? What is Psoas abscess? (4+1)
6. Describe clinical features and its management of acute compartment syndrome of leg? (1+2+2)
7. Mention various levels of Amputation in lower limb? Describe the methods of muscle suturing techniques in amputations? (5)

SHORT ANSWERS (No choices)

5 X 3 = 15 Marks

8. What is Alkaptonuria? Mention the orthopaedic features of this disorder?
9. What is Arthroplasty? Mention FOUR indications of Total Knee Replacement?
10. Discuss the role of surgical treatment in Acute Osteomyelitis?
11. What is Bursitis? Describe Student's Elbow?
12. Define Ankylosis? Describe the types and its causes of ankylosis?

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Max Marks:100

GENERAL SURGERY- PAPER 2

*Your answer should be specific to the question asked
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LONG ESSAY (Answer any 2)

2 X 10 = 20 Marks

1. Classify tumors of colon. Discuss the clinical features and management of carcinoma transverse colon. 2+4+4
2. Describe the clinical features, complications and management of blunt chest injury. 3+3+4
3. Discuss the etiology, clinical features, complications and management of acid peptic disease. 2+2+2+4

SHORT ESSAY (Answer any 10)

10 X 5 = 50 Marks

4. Discuss pathophysiology, complications and current management of H.pylori infection. 1+2+2
5. Mention the causes and general principles of management of Haemothorax. 2+3
6. How do you Investigate & Treat a case of Peripheral Vascular Disease ?. 2+3
7. Write a brief note on Extracorporeal Shock wave Lithotripsy. 05
8. Discuss the types of organ transplant. Mention factors determining organ function after Transplantation. 2+3
9. Write the clinical features, investigations and treatment of vesical Calculi. 1+2+2
10. Discuss the management of intestinal amoebiasis. 05
11. Discuss the conservative and surgical management of varicose veins. 2+3
12. Describe the etiology, clinical signs and symptoms of hydatid disease of the lung. 1+1+3
13. Discuss the etiopathology and management of Ischiorectal Abscess. 2+3
14. Discuss the etiology, classification and management of Hydronephrosis. 1+2+2
15. Discuss the diagnosis and management Hodgkins lymphoma. 2+3

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. Write 6 causes for obstructive jaundice
17. Mention etiology, clinical features and treatment of Horseshoe Kidney.
18. Mention the metabolic changes in pyloric stenosis.
19. Mention the indications of Intercostal Drainage.
20. Enumerate the causes of hematuria
21. Mention the indications, contraindications and complications of Laparoscopy.
22. Enumerate the indications for hyperbaric oxygen therapy.
23. Write a short note on Zenker's diverticulum.
24. What is Prostatic Specific antigen? Its role in prostate pathology.
25. Name the different types of Portosystemic Anastomosis.