

SRI DEVRAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)

M.B.B.S Phase-III (Part II) Degree Examination – JULY 2018

Time:3 hours

Max Marks:100



GENERAL SURGERY – PAPER 1

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

Use separate answer booklets for Section A and Section B

Section A : SURGERY

LONG ESSAY (Answer any 2)

2 X 10 = 20 Marks

1. Describe the pathology, clinical features and management of carcinoma breast. 3+3+4
2. Discuss the nutritional assessment of a surgical patient. Discuss the modes of administration and complications of enteral and parenteral nutrition. 4+3+3
3. List the precautions before blood transfusion. Describe the complications that may follow blood transfusion. Discuss TRALI 3+4+3

Transfusion Related Acute Lung Injury

SHORT ESSAY (Answer any 3)

3 X 5 = 15 Marks

4. Discuss the etiology, clinical features and management of leukoplakia. 1+2+2
5. Mention " rule of nine". What is Parkland formula in treatment of burns. 2+3
6. List the venereal diseases. How is AIDS diagnosed? 2+3
7. Enumerate the principles of triage. How will you allot the priorities in mass casualties. Give examples. 2+2+1

SHORT ANSWERS (No choices)

5 X 3 = 15 Marks

8. Describe the salient points in the treatment of amelanotic melanoma 3
9. Explain Glasgow coma scale. 3
10. Define IVU. Mention its uses. 1+2
11. Mention the advantages and indications of Kocher's incision 1+2
12. List the epidemiologic factors & clinical features of rodent ulcer. 1+2

Section B : ORTHOPEDICS (Use separate answer booklet)

LONG ESSAY (Answer any 2)

2 X 10 = 20 Marks

1. Enumerate injuries due to a fall on outstretched hand. Discuss the classification, clinico-radiological features, management of Supracondylar fracture of humerus. (2+3+2+3)
2. Discuss about pathogenesis, clinical features and management of seronegative arthritis. (3+2+5)
3. Describe in detail the clinical presentation, diagnostic tests and treatment methods of DDH (2+4+4)

SHORT ESSAY (Answer any 3)

3 X 5 = 15 Marks

CDH Chronic Dislocation of Hip joint

4. Describe TWO clinical tests for meniscus injury? (2.5+2.5)
5. Mention various levels of amputation in upper limb. Name FOUR complications. (3+2)
6. Describe pathophysiology and management of Volkmann's ischaemic contracture. (2+3)
7. What is Brown's tumour? Discuss regarding the radiological features and treatment of hyper-parathyroidism? (1+2+1)

SHORT ANSWERS (No choices)

5 X 3 = 15 Marks

8. What is Bence Jones protein? What is its significance?
9. List THREE causes of generalised osteosclerosis.
10. Mention SIX radiological features of giant cell tumour.
11. Describe Froment's sign. What is its clinical importance?
12. What is therapeutic arthroscopy? List TWO indications for arthroscopy.

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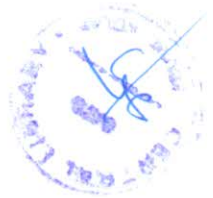
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GENERAL SURGERY – PAPER 2

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LONG ESSAY (Answer any 2)

2 X 10 = 20 Marks

1. Mention the causes of large bowel obstruction. Discuss the clinical features and investigations and treatment of carcinoma of colon. 2+2+2+4
2. Enumerate the causes, clinical features, complications, investigation treatment of non-functioning kidney. 2+2+2+4
3. Write the premalignant conditions, clinical features and management of carcinoma of esophagus. 3+3+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. Discuss - the types, etiology and management of Fistula in ano 2+3
6. Discuss the conservative and surgical management of splenic injury 3+2
7. Discuss the clinical features and Complications of varicose veins. 3+2
8. What is ideal TRUSS. Mention its role in treatment of inguinal hernia 2+3
9. Write clinical features and management of gas gangrene of lower limb 1+2+2
10. Discuss briefly about the causes, complications and management of Ectopic Testis 1+2+2
11. Write classification, clinical features and management of hemorrhoids. 1+2+2
12. Mention the causes and general principals of management of Haemothorax. 2+3
13. Discuss the types, clinical features and investigations and treatment of Hypospadias is 1+2+2
14. Discuss the management of general surgical procedures in a patient who had liver or kidney transplantation. 5
15. Discuss the Clinical features, investigations and management of Pericardial Tamponade. 1+1+3

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. Mention the uses and complications of ERCP. 1+2
17. Name the different types of Portosystemic Anastomosis. 1+2
18. Write classical features of peritonitis 3
19. What is Rappaport classification of lymphoma 3
20. Mention the components of Whipple's procedure. 3
21. Define varicose veins. Write the CEAP classification of varicose veins 1+2
22. What are the indications for operative treatment in benign prostatic hypertrophy? 3
23. Enumerate the components and surgical importance Gardner syndrome 1+2
24. Discuss stages of Klippel Trenaunay syndrome 3
25. Discuss auto transfusion in splenic injury 3

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GENERAL SURGERY – PAPER 1*Your answer should be specific to the question asked. Draw neat and labeled diagrams wherever necessary***Use separate answer booklets for Section A and Section B****Section A : SURGERY****LONG ESSAY****2 X 10 = 20 Marks**

1. Discuss the indications, methods and monitoring of total parenteral nutrition in a surgical patient. 3+3+4
2. Describe the biological basis of wound healing by primary and secondary intention. Discuss the factors affecting wound healing? 3+3+4

SHORT ESSAY**3 X 5 = 15 Marks**

3. List the various trauma scoring systems. Describe one of them in detail. 3+2
4. Describe briefly the life cycle of Entamoeba histolytica. What are surgical complications of amoebiasis? 3+2
5. Describe the fluid resuscitation and monitoring in a patient with 50% flame burns in a 50 kg individual. 3+2

SHORT ANSWERS**5 X 3 = 15 Marks**

6. Mention the pre malignant lesions of skin. 3
7. Describe Allen's test and its significance. 1+2
8. Define FNAC. Mention its uses and limitations. 1+1+1
9. Mention the types of thyroid surgery 1+1+1
10. Describe the salient points in the treatment of amelanotic melanoma 3

Section B : ORTHOPEDICS (Use separate answer booklet)**LONG ESSAY****2 X 10 = 20 Marks**

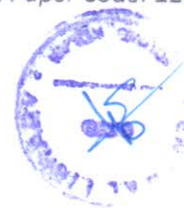
1. Discuss acute pyogenic osteomyelitis: definition, classification, etiopathology, clinical features and treatment. (1+2+2+2+3)
2. Describe CTEV: pathoanatomy, clinical features and management (Ponsetti's method). (3+3+4)

SHORT ESSAY**3 X 5 = 15 Marks**

3. Mention various levels of amputation in upper limb. Name **FOUR** complications. (3+2)
4. Describe the classification and management of proximal humerus fracture. (2+3)
5. Mention **FOUR** disorders of calcium metabolism. Write about the clinical features & laboratory findings in hyperparathyroidism. (2+1+2)

SHORT ANSWERS**5 X 3 = 15 Marks**

6. Mention **THREE** pre-malignant bone lesions.
7. Mention **THREE** congenital deformities of upper limb.
8. What is "soap bubble" appearance on x-ray? Which condition is it seen?
9. What is guillotine amputation and its indication?
10. Mention **THREE** clinical tests for carpal tunnel syndrome.

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1. Discuss the Causes of bleeding per rectum, clinical features and management of carcinoma middle third rectum. 3+3+4
2. Describe the Pathology, etiology, investigation and treatment of bladder neck obstruction. 2+2+2+4

SHORT ESSAY**10 X 5 = 50 Marks**

3. Discuss various causes of intestinal obstruction in a new born and investigations and treatment of meconium ileus. 1+2+2
4. Discuss the diagnosis and management of Gastrointestinal stromal tumours (GIST). 1+2+2
5. Mention the islet cells of pancreas and Discuss the management of gastrinoma. 1+2+2
6. Define CLI (Critical limb ischemia). Write a short note on Critical limb ischemia. 2+3
7. What are the indications and postoperative complications of splenectomy? 3+2
8. Write a Brief note on clinical features, management of venous ulcer 3+2
9. Mention the indications, contraindications, complications of Intravenous Pyelogram 1+2+2
10. What is blind loop syndrome? Mention its Pathogenesis and effects. 1+2+2
11. Mention the causes and general principles of management of Haemothorax. 2+3
12. Write clinical features and treatment of Paraphimosis. 2+3

SHORT ANSWERS**10 X 3 = 30 Marks**

13. Discuss clinical features and treatment of Thrombosed external pile 3
14. Write 4 differences between inguinal hernia and hydrocele 3
15. Mention the uses and complications of ERCP. 1+2
16. What is Rappaport classification of lymphoma 3
17. Expand P.A.I.R. Mention its indication 1+2
18. Write 6 causes for ischemia of lower limb 3
19. Write the differences between undescended and ectopic testis 3
20. What is Mallory-Weiss Syndrome? 3
21. Write 3 clinical signs of Deep vein thrombosis 3
22. Mention Principles of immunosuppression in organ transplant 3