

FINAL EXAM
JUNE 2012

NATIONAL BOARD OF EXAMINATIONS

GENERAL SURGERY**PAPER- I****Time: 3 hours**
Max. Marks : 100**SURG/J/12/12/I****Attempt all questions in order.**
Each question carries 10 marks.

1. Define gas gangrene. Briefly discuss its clinical features and management. 1+3+6
2. Classify thyroid malignancies. How will you treat a case of medullary carcinoma of thyroid? 2+8
3. Describe the etiology, clinical features and treatment of a venous ulcer. 2+3+5
4. What is a pilonidal sinus? Discuss its etiology and treatment options. 1+3+6
5. Describe the anatomy of submandibular salivary gland. Discuss the management of submandibular sialadenitis. 5+5
6. What are the causes of peripheral vascular diseases? How will you treat a case of Buerger's disease? 3+7
7. Enumerate causes of hypocalcaemia. How will you detect and treat a case of hypocalcaemia. 2+(4+4)
8. How will you manage a case of severe contractures of neck and elbow? 5+5
9. Enumerate the causes of gynaecomastia? Give an algorithm for management of gynaecomastia. 4+6
10. What is neurofibromatosis? How will you treat a case of plexiform neurofibromatosis of face? 3+7

POSSESSION/USE OF CELL PHONES OR ANY SUCH ELECTRONIC GADGETS IS NOT PERMITTED INSIDE THE EXAMINATION HALL

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GENERAL SURGERY**PAPER- II****Time: 3 hours**
Max. Marks : 100**SURG/J/12/12/II****Attempt all questions in order.**
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1. Classify neck node levels. Describe in brief various neck dissections. 3+7
2. Describe the diagnostic approach to a 2cm breast lesion in a 35 year old lady. What are the principles of breast conservation surgery? 5+5
3. Discuss the clinical features, investigations and preoperative preparation of a case of pheochromocytoma. 2+4+4
4. Discuss the etiopathology of gastro-esophageal reflux. Discuss the surgical options available for its management with their indications. 4+6
5. Define Mirizzi's syndrome. Discuss its types and management of each? 2+4+4
6. Name the endocrine tumours of pancreas. Describe the investigations and treatment of insulinomas. 2+4+4
7. What is the differential diagnosis of a freely mobile lump in the abdomen? How will you manage such a case? 5+5
8. What are the absolute indications of splenectomy? How will you manage a case of idiopathic thrombocytopenic purpura? 3+7
9. What is GIST? How will you manage a case of GIST of stomach? 2+8
10. How would you diagnose a case of femoral hernia? Mention briefly the common procedures available for its treatment? 3+7

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PAPER- III

SURG/J/12/12/III

Time: 3 hours

Max. Marks : 100

Attempt all questions in order.

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1. What is tension pneumothorax? What are its clinical features? How will you diagnose and treat such a case? 1+2+3+4
2. Classify haemangiomas. Discuss the management of cavernous haemangioma. 3+7
3. What are the differences between a hypertrophic scar and a keloid? What are the treatment options for each of these? 5+5
4. What is Non Scalpel Vasectomy (NSV)? How is it different from conventional vasectomy? Enumerate the complications. 1+3+6
5. How will you manage a case of rupture urethra? 10
6. Classify tracheo-esophageal fistulae and outline their management. 3+7
7. How will you classify cleft lip and palate? What are the principles of management of a case of cleft lip? 5+5
8. Describe Glasgow Coma Scale. How will you treat a case of head injury who is unconscious? 3+7
9. Describe various skin flaps used to reconstruct breast. 10
10. Discuss the principles of Robotic Surgery. Enumerate the procedures where it is finding maximum clinical application. 7+3

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PAPER- IV

SURG/J/12/12/IV

Time: 3 hours
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1. Describe the embryological development of branchial arches. How will you manage a case of branchial fistula? 4+6
2. Describe the anatomy of sub-diaphragmatic spaces. How will you diagnose and treat a case of sub-diaphragmatic abscess? 4+3+3
3. Describe segmental anatomy of liver. Briefly discuss various types of liver resections. 5+5
4. How does testis descend? Outline the management of a case of undescended testis. 4+6
5. Name the various urinary diversions. What are the metabolic changes in an ileal conduit? 3+7
6. Classify cephalosporins. Which ones will you choose and why in a case of peritonitis. 3+7
7. Classify Renal Tumors. Discuss the clinical features, staging and management of Renal Cell Carcinoma. 2+3+1+4
8. What are the biochemical changes produced in a case of ileal fistula? How will you treat such a case? 6+4
9. Describe in brief Systemic Inflammatory Response Syndrome (SIRS). 10
10. Describe surgical site infection. Discuss the role of prophylactic antibiotics in reducing surgical site infection. 5+5

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