

FINAL EXAM
JUNE 2014

NATIONAL BOARD OF EXAMINATIONS

GENERAL SURGERY

PAPER – I

SURG/J/14/12/I

Time : 3 hours

Max. Marks : 100

Important instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

1. Describe the surgical anatomy of Neck Nodes. Describe briefly various types of Neck dissections and draw the incisions used for these dissections. 4+(3+3)
2. Explain in brief the principles of Computed Tomography and Magnetic Resonance Imaging. Compare the advantages and limitations of these two modalities. 6+4
3. Classify pelvic injuries. Enumerate the visceral injuries associated with pelvic fractures. How will you treat urinary bladder injuries? 2+3+5
4. Briefly describe various factors which influence wound healing. Enumerate steps you would take to prevent post operative wound complications. 6+4
5. Enumerate differences between Research, Clinical Audit and Service Evaluation. What is 'bias' in clinical research and how it can be minimized? 6+4
6. Briefly describe various types of intravenous fluids along with their indications. What are the complications of prolonged I.V fluids? 5+5
7. Describe the characteristics of sutures which influence their usage in surgical practice. Discuss their merits and demerits. 4+6
8. Briefly describe various components of arterial blood gas and acid base evaluation. What are the expected derangements in a patient with persistent and profuse vomiting? 6+4
9. What are the characteristics of electric burns? How are they different from burns due to boiling water? Enumerate various steps in the management of electric burn of right hand and forearm. 4+2+4
10. Describe various methods of sterilization for surgical instruments and disposables. Describe various steps for adequacy of chemical sterilization. 6+4
