

FINAL EXAM  
JUNE 2014

NATIONAL BOARD OF EXAMINATIONS

**GENERAL SURGERY**  
**PAPER – II**

SURG/J/14/12/II

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. Briefly describe the principles of managing crush injury of leg. Discuss in brief the pathophysiology of 'crush syndrome'. List steps to prevent 'compartment syndrome'. 6+2+2
2. What are "axial flaps"? Describe briefly the other types of flaps with examples of their use in reconstruction of various surgical defects. 4+(3+3)
3. How will you initially assess a patient with suspected head injury? List the guidelines for doing CT scan in a head injury patient. Enumerate discharge criteria in minor and mild head injury. 5+2+3
4. Enumerate various skin cancers. Discuss staging and treatment options for these cancers. 3+7
5. Describe the embryology and anatomy of parathyroid glands. Discuss localization techniques and management options in lesions of parathyroid. 4+6
6. Discuss role of imaging modalities used in breast cancer. Describe image guided biopsy of an impalpable breast lesion. 6+4
7. Classify and give causes for various types of nipple discharge. Describe briefly surgical procedures for treating nipple discharge. 5+5
8. What are the pointers for locating facial nerve during parotid gland surgery? What steps you would take to treat a case of traumatic facial nerve paralysis? 4+6
9. Discuss briefly the risk factors for the development of Oropharyngeal cancers. Describe various pre-malignant conditions/lesions for development of Oro-pharyngeal cancers. What are the various staging systems and treatment modalities available for management of this cancer? 2+2+6
10. What is a 'plunging ranula'? How is it diagnosed? Briefly describe its management. 2+3+5