

FINAL EXAM  
DECEMBER 2016

NATIONAL BOARD OF EXAMINATIONS

**OTORHINOLARYNGOLOGY****PAPER – IV****Please read carefully the important instructions mentioned on Page '1'**

- *Answers to questions of Part 'A' and Part 'B' are to be strictly attempted in separate answer sheet(s) and the main + supplementary answer sheet(s) used for each part must be tagged separately.*
- *Answers to questions of Part 'A' attempted in answer sheet(s) of Part 'B' or vice versa shall not be evaluated.*

**PART B**

- |     |                                                                                      |         |
|-----|--------------------------------------------------------------------------------------|---------|
| 6.  | a) Define wound healing.                                                             | 2+3+5   |
|     | b) What are the types of wound healing?                                              |         |
|     | c) Process of wound healing by secondary intention.                                  |         |
| 7.  | a) Principle of Doppler ultrasound and its use in ENT practice.                      | (3+4)+3 |
|     | b) What are the indications of intra-operative Doppler use?                          |         |
| 8.  | a) What is robotic surgery?                                                          | 3+(4+3) |
|     | b) Indications of transoral robotic surgery and its advantages over open approaches. |         |
| 9.  | Embryology, clinical features and management of lingual thyroid.                     | 4+3+3   |
| 10. | Clinical features, diagnosis and management of a carotid body tumor.                 | 3+3+4   |

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