

# National Board of Examinations

**Question Paper Name :** DNB Otorhinolaryngology ENT Paper4  
**Subject Name :** DNB Otorhinolaryngology ENT Paper4  
**Duration :** 180  
**Total Marks :** 100  
**Display Marks:** No

**Maximum Instruction Time :** 0

**Question Number : 1 Question Id : 32718733654 Consider As Subjective : Yes**

**Please write your answers in the answer booklet within the allotted pages as follows:-**

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. a) Factors affecting wound healing and ways to improve it. [5]  
b) Surgical cricothyrotomy. [5]

**Question Number : 2 Question Id : 32718733655 Consider As Subjective : Yes**

Enumerate various nuclear medicine scan used in diagnosis and management of various head and neck diseases. Discuss the scan used for diagnosis of paraganglioma and parathyroid adenoma. [4+3+3]

**Question Number : 3 Question Id : 32718733656 Consider As Subjective : Yes**

Define hemorrhagic shock. Discuss the classification of hemorrhagic shock and its management. Describe the contents of packed red cells and fresh frozen plasma and their indications. [3+3+2+2]

**Question Number : 4 Question Id : 32718733657 Consider As Subjective : Yes**

- a) Cystic hygroma involving neck, chest and mediastinum. [5]  
b) Role of CBNAAT in diagnosis of extrapulmonary tuberculosis of head and neck. [5]

**Question Number : 5 Question Id : 32718733658 Consider As Subjective : Yes**

- a) Describe the aetiopathogenesis of various branchial anomalies. [4]
- b) Briefly describe the clinical features and management of type1 branchial cleft anomaly. [3+3]

**Question Number : 6 Question Id : 32718733659 Consider As Subjective : Yes**

- a) Thyroid ophthalmoplegia and its management. [5]
- b) Role of central neck dissection in differentiated thyroid cancers. [5]

**Question Number : 7 Question Id : 32718733660 Consider As Subjective : Yes**

- a) What are the principles of stereotactic radiation? [3]
- b) Briefly describe the role of stereotactic radiation for management of vestibular schwannoma. [4]
- c) What are the complications of stereotactic surgery? [3]

**Question Number : 8 Question Id : 32718733661 Consider As Subjective : Yes**

- a) What is a vibrant sound bridge and how is it different from bone anchored hearing aid? [2+2]
- b) Discuss the indications and surgical procedure of vibrant sound bridge. [3+3]

**Question Number : 9 Question Id : 32718733662 Consider As Subjective : Yes**

- a) Describe the Milan system for reporting salivary gland cytopathology. [5]
- b) Describe the various surgical landmarks for identification of facial nerve during parotid surgery. [5]

**Question Number : 10 Question Id : 32718733663 Consider As Subjective : Yes**

Enumerate various genes responsible for congenital hearing loss. Briefly discuss the role of gene therapy in such conditions. [4+6]