

015/26

The West Bengal University of Health Sciences
MBBS 3rd Professional Part-II Examination (New Regulation)
June-July 2026

Subject: Oto-Rhino-Laryngology (ENT)**Full Marks: 100****Time: 3 hours**

Attempt all questions. The figures in the margin indicate full marks.

1.

- a) A 12 year old boy presented with sore throat and fever for the last one week. On examination, you have discovered enlarged bilateral tonsils with white patches over these. 2+4+9
i) What is your provisional diagnosis?
ii) What will be the various differential diagnoses?
iii) What will be your approach to arrive at a diagnosis?
- b) A 25 year old lady comes to ENT OPD with bilateral progressive hearing loss for last 3 years, more pronounced after her pregnancy last year. There is no h/o ear discharge, trauma. 2+3+5+5
i) What is the most probable cause?
ii) What are the findings of ear examination?
iii) What are the investigations to diagnose and confirm?
iv) What are the treatment options for this condition?

2. Answer the following:

- a) A 30 year old female patient presented with sudden onset deviation of right side of face. On clinical examination, the external ears are not having any abnormality, both tympanic membranes are intact. What is your provisional diagnosis? Describe the clinical examination to reach to your provisional diagnosis. How will you manage such case? 2+3+5
- b) A 14 year old female presented to ENT OPD with complaints of nasal blockage in right side. On examination there is a deviation of nasal septum towards right side. What are the types of septal deviation? What is cottle's test and its interpretation? Describe the surgical approach in such patient if not improves conservatively. 2+2+6
- c) A 65 year old male presented with hoarseness of voice. How will you investigate to arrive at a provisional diagnosis? Outline the treatment for glottic cancer. 5+5

3. Write short notes on the following:2 x 5

- a) How would you explain the need for emergency tracheostomy in a patient of carcinoma larynx on radiotherapy, who has developed acute onset inspiratory stridor.
b) Ototoxicity.

4. Explain the following statements:5 x 4

- a) Severe respiratory distress may occur immediately after total thyroidectomy.
b) Patients with ethmoidal polyp frequently suffer from bronchial asthma.
c) Patients with traumatic perforation of tympanic membrane should not be prescribed ear drop.
d) Furuncle in nasal vestibule must be treated urgently.
e) Treatment of malaria may cause hearing loss.

5. Choose the correct option for each of the following:

10x1

- i) Horizontal Semicircular canal responds to:
 - a) Horizontal acceleration b) Rotational acceleration c) Gravity d) Head tilt
- ii) Samter's triad include all except:
 - a) Polyp b) Ciliary immotility c) Asthma d) Aspirin intolerance
- iii) Boundaries of nasal valve include all, except:
 - a) Anterior end of inferior turbinate b) Anterior end of middle turbinate
 - c) Caudal end of upper lateral cartilage d) Corresponding part of nasal septum
- iv) What is the preferred screening test for detection of neonatal deafness?
 - a) BERA b) TDT c) SISI d) OAE
- v) Where is the Electrode array placed in Cochlear implant procedure?
 - a) Round window b) Oval window c) Scala Vestibuli d) Scala tympani
- vi) Little's area has blood supply from all except:
 - a) Anterior ethmoidal artery b) Greater palatine artery
 - c) Sphenopalatine artery d) Inferior labial artery
- vii) Hoarseness after total thyroidectomy is due to intraoperative nerve injury to:
 - a) Glossopharyngeal b) Internal laryngeal c) Recurrent laryngeal d) Superior laryngeal
- viii) Which one is true?
 - a) External auditory canal length: 35-36 mm. b) Length of Eustachian tube: 24-25 mm
 - c) Length of facial nerve (mastoid segment): 10-14 mm d) Length of trachea (adult): 25-26 mm
- ix) Which is a premalignant lesion of the oral cavity?
 - a) Aphthous ulcer b) Vincent's angina c) Erythroplakia d) Herpetic stomatitis
- x) The most common symptom of laryngeal carcinoma is:
 - a) Dysphagia b) Stridor c) Hoarseness of voice d) Ear pain