

# Question Paper

Exam Date & Time: 04-Mar-2024 (10:20 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD PROFESSIONAL YEAR MBBS PART I DEGREE EXAMINATION - FEBRUARY / MARCH 2024

SUBJECT : ENT

(CBME BATCH - REPEATERS)

Marks: 80

Duration: 160 mins.

**Answer all the questions.**

### Long Essay:

- 1) A 30-year-old man presents with right ear discharge for the last 5 years. The discharge is intermittent, profuse, non-foul smelling in nature. Symptoms are aggravated during episodes of common cold. The patient has been using ear drops for symptomatic relief. There is also a history of right hearing loss. Examination of right ear shows a medium central perforation in the eardrum, with moderate conductive hearing loss.
- 1A) What is the most likely diagnosis? (1)
- 1B) Describe the etiopathogenesis, clinical features, investigations and treatment of this condition. (2+2+2+3 = 9 marks)
- 2) Describe the types, etiopathogenesis, clinical features, investigations and treatment of nasal polyposis. (2+2+2+2+2 = 10 marks)

### 3) SHORT ESSAYS:

- 3A) A 50-year old diabetic woman presents with intense itching and blocked sensation in the right ear. Examination shows blackish debris with a musty odour in the external auditory canal. Mention the likely causative agents of this condition and the treatment options. (2+2 = 4 marks)
- 3B) Mention EIGHT ENT manifestations of HIV infection. (4)
- 3C) Draw a neat labelled diagram of vocal cord positions in health and disease. (4)
- 3D) Nasopharyngeal carcinoma - etiology, clinical features. (2+2 = 4 marks)
- 3E) Describe impedance matching mechanism. (4)
- 3F) Acute epiglottitis - etiology, clinical features, treatment (1+1+2 = 4 marks)
- 3G) Describe the key points to be followed while administering informed consent prior to an adenoidectomy. (4)
- 3H) A 30-year old male presents with a polypoidal mass in the left nasal cavity and occasional left-sided epistaxis for 5 months. He gives history of swimming in a local pond. Examination shows a vascular polypoidal mass attached to the nasal septum. (1+2+1 = 4 marks)
- i) Mention the most likely etiological agent.
- ii) Draw a neat labelled diagram of the microscopic picture.
- iii) Mention the treatment options.
- 3I) Mention FOUR differences between peripheral and central vertigo. (4)
- 3J) Tracheostomy - indications, complications (2+2 = 4 marks)
- 3K) Draw a neat labelled diagram of the medial wall of middle ear. (4)

- 3L) A 35-year old man presents with difficulty and pain on swallowing for 1 week. He gives history of foreign body sensation in the throat 1 week ago after eating fish. On examination, he is febrile, posterior pharyngeal wall bulge with a pus point is noted. Mention the most likely findings on X-ray neck and the diagnosis. Mention the treatment options. (1+1+2 = 4 marks)
- 3M) Acute sinusitis - clinical features, management. (2+2 = 4 marks)
- 3N) Tonsillectomy - indications, contraindications, complications (1+1+2 = 4 marks)
- 3O) Meniere's disease - etiopathogenesis, clinical features. (2+2 = 4 marks)

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