

Madhya Pradesh Medical Science University, Jabalpur
M.B.B.S Final Part-I Examination May-2023
Subject: Oto-Rhino-Laryngology (New Scheme)
Paper Code: 23AM0000000100441

Time: 3 Hours Maximum Marks: 100

Instructions:

- a) All questions are compulsory
- b) Draw diagrams wherever necessary
- c) Answers of Questions and sub-questions must be written strictly according to the serial order of question paper
- d) MCQs have to be answered in theory answer book
- e) Please write MCQ answers neatly and in serial order with black or blue pen in brackets for example: 1. (a) 2. (b)
- f) MCQs have to be answered only once; any repetition, cutting, erasing, or use of whitener will be considered malpractice.

Such answers will not be counted and action will be taken according to UFM rules of University

- g) Subjective answers should be answered in up to 30 words per mark. For example, a 2-mark answer should be in up to 60 words.

Q.1 Total MCQs: 10 10 x 1 = 10

1. Which of the following is NOT included in the classical triad of Meniere's disease:
 - a) Fluctuating low frequency sensori-neural hearing loss
 - b) Aural fullness
 - c) Tinnitus
 - d) Vertigo
2. In a patient with Otosclerosis, which of the following describes the phenomenon of hearing better in a noisy surrounding:
 - a) Schwartz sign
 - b) Flamingo sign
 - c) Tullio's phenomenon
 - d) Paracusis willisii
3. Which of the following cranial nerves has the longest bony course:
 - a) Vestibulocochlear nerve
 - b) Facial nerve
 - c) Trigeminal nerve
 - d) Abducent nerve
4. A 57-year-old woman with positional vertigo lasting seconds but recurring with position change, no tinnitus or hearing loss. Which test is used to diagnose this condition:
 - a) Stenger's test
 - b) Epley's maneuver
 - c) Dix-Hallpike's test
 - d) Fistula test
5. The tuning fork with the following frequency is NOT used to test hearing:
 - a) 128 Hz
 - b) 256 Hz
 - c) 512 Hz
 - d) 1024 Hz

6. The causative organism for rhinosporidiosis is:
- Klebsiella rhinoscleromatis
 - Human papilloma virus
 - Rhinosporidium seeberi
 - Mucor
7. Sino-nasal mucormycosis causing species include all except:
- Rhizopus
 - Mucor
 - Cunninghamella
 - Klebsiella rhinoscleromatis
8. A 62-year-old smoker with a greyish white slough on the right vocal cord on indirect laryngoscopy. Next best step in evaluation:
- PET scan
 - CECT neck
 - Direct laryngoscopic biopsy
 - Right vocal cordectomy
9. A 2-year-old with sudden cough and respiratory distress, absent breath sounds on right, best management step:
- CECT chest
 - MRI chest
 - Emergency rigid bronchoscopy under GA
 - Observation in PICU
10. Which of the following is true about tonsillectomy surgery:
- Affects growth negatively if done in children
 - Has a deleterious effect on immunity of person
 - Is contraindicated in adults
 - Is done as an approach to the styloid process

Q.2 Long Answer Questions (2 x 20 = 40)

- Describe the pathophysiology of unsafe chronic suppurative otitis media and its management.
- Describe carcinoma of the larynx and its management.

Q.3 Short Answer Questions (6 x 5 = 30)

- Describe emergent surgical management of the airway in brief.
- Discuss in brief atrophic rhinitis and its management.
- What are the indications of functional endoscopic sinus surgery?
- Discuss the management of epistaxis.
- Discuss in brief the pathophysiology and management of vocal nodules and polyps.
- Discuss rehabilitation of various common causes of hearing impairment.

Q.4 Short Answer Questions (10 x 2 = 20)

- Laryngomalacia.
- Pure tone audiometry.
- Acute epiglottitis.
- Samter's triad.
- Adenoid facies.
- Stapedotomy.
- Oto-toxic drugs.
- Eagle's syndrome.

- i. Ludwig's angina.
- j. Gradenigo's syndrome.

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