

**SS/MBBS-III (Part-I)/1st IA/OTO/07-24**

**2024**

**(July)**

**OTORHINOLARYNGOLOGY**

**Full Marks: 100**

**Time: 3 hours**

**The figures in the margin indicate full marks for the questions**

**Answer all questions**

**1. Choose the correct option:**

**1x5=5**

i. Contents of middle ear include

- a) Malleus
- b) Tensor tympani
- c) Stapes
- d) All of the above

ii. Artery of epistaxis is

- a) Anterior ethmoidal artery
- b) Posterior ethmoidal artery
- c) Sphenopalatine artery
- d) Greater palatine artery

iii. Which is not a branch of facial nerve?

- a) Greater superficial petrosal nerve
- b) Nerve to stapedius
- c) Inferior alveolar nerve

d) Chorda tympani

iv. Organ of Corti is situated in

- a) Scala media
- b) Sinus tympani
- c) Sacculle
- d) Utricle

v. Cart-wheel sign is seen in

- a) ASOM
- b) CSOM
- c) OME
- d) Cholesteatoma

2. A 3 year old girl arrives in ENT OPD with pain in left ear and crying. On Ear examination, the tympanic membrane is found to be bulged and erythematous without any tragal tenderness.  $2+(4+4)=10$

- a) What is the probable diagnosis?
- b) Describe the aetiopathogenesis and management of the case.

3. Define CSOM and write the recent classification of CSOM. Describe the clinical features and management of squamosal variety of CSOM.  $5+(5+5)=15$

4. Describe the pathogenesis, clinical features, investigations and management of Otosclerosis.  $3+3+3+6=15$

**5. Write short notes on:**

**$5 \times 8 = 40$**

- a) Myringotomy.
- b) Suprameatal triangle.
- c) Antrochoanal polyp.
- d) Little's area.
- e) Otitis externa.
- f) Tuning fork tests.
- g) Bell's palsy.
- h) Gradenigo's Syndrome.

**6. Answer in brief:****2×5=10**

- a) Layers of tympanic membrane.
- b) Carhart's notch.
- c) Nerve supply of Pinna.
- d) Causes of epistaxis.
- e) Explain middle ear transformer mechanism.

7. A 25 year old male patient is having inactive mucosal variety of CSOM in right ear with moderate conductive hearing loss. How will you counsel the patient for tympanoplasty surgery? 5

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