

I. Choose the correct answer

(1 mark each)

1. Otoacoustic emissions are produced by:

- A. Inner hair cells.
- B. Basilar membrane.
- C. Auditory nerve.
- D. Outer hair cells.
- E. Utricle.

2. The cough response caused while cleaning the ear canal is mediated by stimulation of:

- A. The 5th cranial nerve.
- B. Innervation of external ear canal by C1 and C2.
- C. Branches of the 7th cranial nerve.
- D. The 8th cranial nerve.
- E. The 10th cranial nerve.

3. Tympanic membrane develops from:

- A. Ectoderm.
- B. Endoderm.
- C. Mesoderm.
- D. A, B and C.
- E. A and C.

4- All are functions of the larynx except:

- A. To protect the lungs.
- B. To control air flow.
- C. Phonation.
- D. Generation of speech.
- E. To build positive intrathoracic pressure.

5- Which of the following conditions causes the maximum conductive hearing loss:

- a) ossicular disruption with intact tympanic membrane.
- b) disruption of the ossicles with tympanic membrane perforation
- c) perforation of tympanic membrane with intact ossicular chain.
- d) complete obstruction of ear canal.
- e) partial obstruction of ear canal

6. Which is the investigation of choice in assessing hearing loss in neonates?

- A. Impedance audiometry.
- B. Behavioural audiometry.
- C. Free field audiometry.
- D. Brain-stem evoked response audiometry.
- E. Pure tone audiometry