Write short notes on:

1. a) Enumerate various electrophysiological tests for neonatal screening for hearing.
   b) Principle of Otoacoustic emission & its limitation.

2. a) Principles of sound conduction.
   b) Relevance of each principle in tympanoplasty procedures.

3. a) Define necrotizing otitis externa.
    b) Name its causative organism.
    c) Its clinical features and treatment.

4. a) Define cholesteatoma.
    b) Theories of its formation.

5. a) Classify various types of mastoidectomy.
    b) Enumerate indications of cortical mastoidectomy & its complications.
    c) Enumerate landmarks at cortical mastoidectomy completion.

6. a) Define Osseointegration.
    b) Indications & complications of Bone Anchored Hearing Aids.

7. a) Enumerate causes of Facial Nerve Palsy.
   b) House-Brackmann Staging of Facial Nerve Palsy.
   c) Enumerate topodiagnostic tests with explanation.

8. a) Define Vestibular Evoked Myogenic Potential.
    b) Its principle, uses & method.

9. a) Define Noise Induced Hearing Loss.
    b) Its pathology & management.

10. a) Clinical features of Large Vestibular Aqueduct Syndrome.
    b) Give its pathological & radiological features.

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