

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

TELANGANA, WARANGAL – 506 002

B.SC. (ALLIED HEALTH SCIENCES) SECOND YEAR DEGREE EXAMINATIONS:

FEBRUARY, 2026

AUDIOLOGY AND SPEECH THERAPY

PAPER-III

PEDIATRIC AUDIOLOGY AND DIAGNOSTIC AUDIOLOGY

Time: 3 Hours

Max Marks: 80

Note: Draw diagrams whenever necessary.

Write an essay on any TWO of the following questions:

2 X 10 = 20

1. Enumerate tests to differentiate between cochlear and retro cochlear pathology.
2. Immitence/ Impedence audiometry- Principles, instruments ad procedure.
3. Describe embryological development of human auditory system.

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Tympanometry.
5. Binaural fusion test.
6. Write about importance of follow-up in school screening program.
7. Tests to identify retro cochlear pathology.
8. Bekesy audiometry.
9. Universal hearing screening.

Write briefly on the following:

10 X 3 = 30

10. OAE findings in paediatric population.
11. Tone decay.
12. Glendonald auditory screening procedures.
13. Classify AEP's (Auditory evoked potentials).
14. Speech detection threshold.
15. Functional hearing loss in children.
16. Stenger test.
17. SIS (Short Incremental Sensitivity Index).
18. Higher Risk registries.
19. Acoustic reflex.
