

Q.P. Code: 301389

Reg. No.:.....

**Third Semester M.Sc. Audiology Degree Regular/Supplementary
Examinations September 2024**

A 301: Genetics of Hearing and Paediatric Audiology

Time: 3 hrs

Max marks: 80

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(5x16=80)

1. Explain on the following:
 - Phenotype
 - Genotype
 - Mitochondrial inheritance
 - Sex-linked chromosomes
2. Explain the following, in brief:
 - Genetic screening
 - Genetic counselling
 - Non-syndromic hearing loss
 - Gene database for hearing loss
3. Explain on the any one international and national protocol for the hearing screening of neonates and infants.
4. Explain on:
 - Material for speech audiometry in children
 - Role of VRA in the assessment of hearing loss in children.
5. Explain on the following:
 - Problems faced by children with conductive hearing loss.
 - Problems faced by children with hearing loss in school.
