

Q.P. Code: 301389

Reg. No.:.....

**Third Semester M.Sc. Audiology Degree Regular Examinations
December 2021**

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 the genetic causes of hearing loss. What are the genetic evaluation of hearing loss. (8+8)
2. What is genetic counselling. Write the genotype and phenotype of syndromic hearing loss. Explain homozygote and heterozygote (3+8+5)
3. Write a protocol for infants hearing screening. What is CAPD and explain any one screening inventory developed in Indian context to detect CAPD (10+6)
4. Explain the congenital cause of sensorineural hearing loss in children. How do you modify the test battery to assess the hearing ability in children with associate problem (6+10)
5. What are the problems the children with sensorineural hearing loss faces in school. How do you counsel teachers with the objective of inclusiveness (6+10)
