

**MASTER OF SCIENCE (AUDIOLOGY)**  
**M.Sc. (AUDIOLOGY) Sem-II :SUMMER- 2022**  
**SUBJECT : AUDITORY DISORDERS**

Day : Thursday

Time : 10:00 AM-01:00 PM

Date : 15-09-2022

**S-19540-2022**

Max. Marks : 80

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**N.B.**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
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**Q.1** Attempt **ANY FOUR** of the following: (15 Marks each) **(60)**

- a) What are the steps involved in Hearing conservation program? How does it vary based on the levels of occupational noise?
- b) What are the different management strategies available for ANSD? What factors influence the choice of management strategy?
- c) Discuss differential diagnosis of middle ear pathologies. Discuss role of Tympanometry, Multi-Frequency Tympanometry and Wide Band Reflectance for the same.
- d) Explain the audiologic profile of persons with space occupying lesions and its co relation to pathophysiology. Support your answer with literature
- e) Explain pathophysiology and audiologic profile in age related hearing loss? Discuss various management options
- f) Explain the role of radiological investigations in the diagnosis and management of auditory disorders

**Q.2** Attempt **ANY FOUR** of the following: (5 Marks each) **(20)**

- a) Reconstruction surgeries of the middle ear
- b) Etiology of ANSD
- c) What are different autoimmune conditions resulting in inner ear disorders
- d) What is Keratosis Obturans?
- e) Write a short note on sudden hearing loss
- f) Compare and contrast acoustic trauma and NIHL

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