

**Avinashilingam Institute for Home Science and Higher Education for Women
[Deemed to be University] Coimbatore-641 043**

Bachelor's Degree Examination November - 2018

III Semester

**Class : II UG
Major : Special Education & Rehabilitation
and Mathematics**

**Time :3 hours
Max. Marks: 100**

15BSEC05 Hearing Impairment

Part-A

10 x 1=10

Choose the correct answer

1. Small bones present in the middle ear is collectively called as
(a) Stapes (b) ~~Ossicles~~ (c) Malleus (d) Incus
2. The Wernicke's area is responsible for
(a) Listening (b) Vision (c) ~~Speech~~ (d) Taste
3. The problems in the outer or middle ear leads to
(a) Auditory processing disorder (b) ~~Conductive hearing loss~~
(c) Sensory neural hearing loss (d) Mixed hearing loss
4. The term 'Intonation' refers to
(a) ~~Variation in pitch~~ (b) Variation in stress
(c) Variation in emphasis (d) Variation in loudness
5. Which of the following alphabet is not covered under Speech Banana?
(a) /m/ (b) /l/ (c) ~~/w/~~ (d) /s/
6. It is the age related hearing loss
(a) ~~Presbycusis~~ (b) Tinnitus (c) Otosclerosis (d) Auditory neuropathy
7. The range of normal hearing is
(a) 10-20 db (b) 0-10 db (c) ~~0-20 db~~ (d) 15-25 db
8. It is an examination used to test the condition of the middle ear
(a) Brainstem Evoked Response Audiometry (b) Puretone Audiometry
(c) Suprathreshold Audiometry (d) ~~Tympanometry~~
9. The part of the hearing aid that receives sound and converts the sound to electrical signals
(a) ~~Microphone~~ (b) Amplifier (c) Speaker (d) Processor
10. Maternal Reflective Method (MRM) is an approach to language teaching which was established by the educational psychologist
(a) ~~Father Van Uden~~ (b) Father Denton (c) St.John (d) Rhoades

Part B

Answer the following

Answer should not exceed 400 words or two pages 5X6=30

- 11.a. Enumerate the physiological parameters of sound.
(or)
- 11.b. Neatly draw the structure of human ear and mention its parts.
12. a. Define 'Hearing Impairment' and enumerate its causes.
(or)
12. b. Write an account on 'Central Auditory Processing Disorder'.
13. a. Elucidate the developmental milestones of auditory behaviour.
(or)
13. b. State the significance of early identification for the hearing impaired.
14. a. Brief the parts and functioning of hearing aids.
(or)
14. b. Explain the types of Classroom Amplification Devices.
15. a. Write a short note on Auditory training.
(or)
15. b. Enlist the instructional strategies to teach students with hearing impairment.

Part C

Answer the following

Answer should not exceed 800 words or four pages 5X12=60

- 16 .a. Discuss the concept of Speech Banana in detail.
(or)
16. b. Elucidate the physiology of auditory pathway and auditory area in the brain.
17. a. Explain the classification of hearing impairment.
(or)
17. b. Discuss the impact of pre and post lingual hearing loss on the individuals with hearing impairment.
18. a. Brief the various types of assessment meant for individuals with hearing impairment.
(or)
18. b. Discuss the parts and functions of and procedure of assessment through Pure tone Audiometer.
19. a. Explain types and preparation of ear moulds.
(or)
19. b. Discuss the need and importance of Auditory Verbal Therapy.
20. a. Discuss the methods used to develop communication skills among the hearing impaired.
(or)
20. b. Explain the vocational rehabilitation programmes for individuals with hearing impairment.