

**Avinashilingam Institute for Home Science and Higher Education for Women
Coimbatore - 641 043.**

Bachelor's Degree Examination - November 2017

III SEMESTER

Class : II UG

Major : Special Education and Mathematics

Time : 3Hrs.

Max. Marks : 100

15BSEC05 - Hearing Impairment

10 x 1 = 10

PART -A

Choose the correct answer

1. Damage to which structure results in auditory processing disorders?
 - a. middle ear
 - b. inner ear
 - c. auditory nerve
 - d. auditory processing centers of the brain
2. The two most common areas in which students with hearing loss have trouble.
 - a. reading and writing
 - b. math and science
 - c. reading and math
 - d. science and social studies
3. medications are medicines that damage the ear.
 - a. audotoxic
 - b. anoxic
 - c. ototoxic
 - d. auraloxic
4. Which type of hearing loss is the most common?
 - a. conductive
 - b. sensori neural
 - c. mixed
 - d. total
5. Which of the following refers to the softest level at which a person can detect a pure tone sound?
 - a. immitance
 - b. threshold
 - c. frequency
 - d. decibel
6. The severity of hearing loss appropriate for cochlear implant
 - a. mild
 - b. moderate
 - c. severe
 - d. profound
7. Which of the following conditions places a child at greater risk for otitis media?
 - a. apert syndrome
 - b. cleft palate
 - c. congenital rubella
 - d. usher's syndrome
8. is the backbone of an oral-aural education set up.
 - a. AVT
 - b. Auditory training
 - c. Listening training
 - d. All
9. Hearing is usually tested between
 - a. 250 Hz and 1000Hz
 - b. 250 Hz and 500Hz
 - c. 500 Hz and 8000Hz
 - d. 250 Hz and 8000Hz
10. pickups the electrical signals and converts into acoustic signal/sound energy
 - a. microphone
 - b. amplifier
 - c. receiver
 - d. cord

PART -B

5 x 6 = 30

Answer the following questions

Answer should not exceed 400 words or two pages

11. a. What is Speech banana? Associate with audiogram.

(OR)

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11. b. What is the physical nature of sound? List out the properties of sound.
12. a. Write the preventative measures of hearing impairment.
(OR)
12. b. What are the exogenous causes of hearing loss?
13. a. Write a note on informal hearing screening procedure .
(OR)
13. b. Explain the different types of audiograms with examples.
14. a. Compare FM system and IL system.
(OR)
14. b. What is AVT? Discuss the principles of AVT.
15. a. Explain the different ways to develop communication skills in children with hearing impairment.
(OR)
15. b. What are the different vocations available for hearing impaired and in which skills they are lacking behind?

PART -C**5x12=60****Answer the following questions****Answer should not exceed 800 words or two pages**

16. a. Explain the process of hearing in detail.
(OR)
16. b. Explain the parameters of sound.
17. a. Differentiate effects of pre and post lingual hearing impairment .
(OR)
17. b. Discuss the signs and symptoms of hearing impairment based on degree of hearing loss.
18. a. Explain the developmental milestones of auditory behaviour of a hearing impaired child .
(OR)
18. b. Explain the procedure of Pure tone audiometry.
19. a. What is an Ear mould? Explain the process of preparation of Ear mould.
(OR)
19. b. 'Cochlear Implantation is better than traditional hearing aid' - Discuss.
20. a. Discuss in detail the steps of Auditory training.
(OR)
20. b. Explain the meaning and significance of curricular adaptation for children with hearing impairment.
