

T.Y. B.A.S.L.P (2013 Course): Summer-2018

SUBJECT : REHABILITATIVE AUDIOLOGY

Day : Tuesday

Time : —

Date : 22.05.2018

Max. Marks : 10

S-2018-3529

N.B.

- 1) Put a in the appropriate box below the question number once only.
- 2) Use blue ball point pen only.
- 3) Each question carries **ONE** marks.
- 4) Student will not be allotted marks if he/she overwrites strikes or put white ink on the cross once marked.
- 5) MCQ sheet will be taken back after half an hour.

SECTION – A

Q.1 M.C.Q.

- 1) Following are known as Homophones
 - a) /f/and /v/
 - b) /f/and /t/
 - c) /m/and /n/
 - d) /k/and /t/
- 2) An interaction between material stored in auditory memory and incoming auditory message is called _____.
 - a) Detection
 - b) Discrimination
 - c) Identification
 - d) Comprehension
- 3) A 2 year old child after cochlear implantation needs AVT for minimum of _____ period for age appropriate progress of speech, hearing and language.
 - a) 1 years
 - b) 2-3 year
 - c) 6 months
 - d) 3 months
- 4) An hearing impaired child who throws the ball when clinician save 'throw the ball' is a demonstrating act of _____.
 - a) Detection
 - b) Discrimination
 - c) Identification
 - d) Comprehension
- 5) The concept of 'Hearing age' is said to be the time that has passed since _____.
 - a) The child's hearing loss is confirmed
 - b) Child begin to use hearing regularly
 - c) Child start detecting loud sounds
 - d) Child starts attending auditory session regularly

P.T.O.

- 6) In the cochlear implant _____ types of electrode array needs less current level to stimulate the auditory neurons.
- a) Straight array
 - b) Split array
 - c) Perimodular array
 - d) Half array
- 7) Validation of hearing aid fitting in adult is carried out by _____.
- a) Administration of self-assessment scale
 - b) Administration of APHAB
 - c) Both a and b
 - d) None of the above
- 8) _____ of following is a appropriate candidate for auditory brainstem implant.
- a) An adult with bilateral ossification of cochlear
 - b) A year old child with bilateral severe to profound SNHL
 - c) An adult with bilateral sectioning of auditory nerve
 - d) Both a and c
- 9) In persons with tinnitus, following is best time of treatment if there is no residual inhibition observed.
- a) Tinnitus maskers
 - b) Tinnitus retaining therapy
 - c) Nueromonics
 - d) All of the above
- 10) In person with Hyperacusis, degree of hearing loss _____.
- a) Ranges from mild to moderate SNHL
 - b) Does not exist
 - c) Ranges from severe to profound SNHL
 - d) All of the above

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T.Y.B.A.S.L.P. (2013 COURSE) : SUMMER - 2018
SUBJECT : REHABILITATIVE AUDIOLOGY

Day : **Tuesday**
Date : **22/05/2018**

Time : **10.00 AM TO 01.00 PM**
Max. Marks : 70

S-2018-3529

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Answers to both the sections should be written in **SEPARATE** answer book.
- 3) Figures to the right indicate **FULL** marks.
- 4) Draw neat diagrams **WHEREVER** necessary.
- 5) Answers written in the inappropriate answer sheet will not be assessed in any case.

SECTION – B

- Q.2** Write short note on any **FIVE** out of **SIX** questions: (5X3=15)
- a) Pitch matching in Tinnitus
 - b) Subjective evaluation of hearing loss in elderly population
 - c) Candidacy for Auditory Brainstem Implant
 - d) Anticipatory strategies
 - e) Candidacy for BAHA
 - f) What are Homophones and how they affect speech reading?

- Q.3** Attempt any **FOUR** out of **FIVE**: (4X5=20)
- a) Comment on importance of speech perception testing in aural rehabilitation of children with hearing impairment.
 - b) Describe any five activities used for improving the auditory closure abilities in children with (C)APD.
 - c) Describe the principles of AVT.
 - d) Elaborate on neurophysiological model of TRT and its application in tinnitus therapy.
 - e) Comment on classroom modification for children with CAPD.

SECTION – C

- Q.4** Attempt the following: (2X10=20)
- a) Describe the parts of cochlear implant along with a neat labelled block diagram.
 - b) Describe the different methods of speech reading.

- Q.5** Attempt any **ONE** of the following: (1X15=15)
- a) Describe the special considerations in aural rehabilitation of geriatric population
 - b) Describe the 3 months AVT plant for a 3 year old child with hearing age of 1 year.

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