

T.Y.B.A.S.L.P (2013 Course) Winter.2017
SUBJECT : REHABILITATIVE AUDIOLOGY

Day : Monday
Date : 25/09/2017

W. 2017-3443

Time : -
Max. Marks : 10

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 trikes 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 is a not a ideal candidate for cochlear implant.
 - a) One year old child responding to only low frequency signals with hearing aids
 - b) Four year old post -lingual child not responding to any auditory stimulus
 - c) A child with Michel's Aplasia
 - d) All of the above
- 2) Following is not a external part of cochlear implant
 - a) Transmitting coil
 - b) Receiver stimulator
 - c) Speech processor
 - d) Coil magnet
- 3) _____ of speech reading strategy is most appropriate in post lingual adult cases.
 - a) Jena method
 - b) Synthetic method
 - c) Analytic method
 - d) All of the above
- 4) Assistive listening devices helps in _____.
 - a) Improving SNR
 - b) Improving television viewing
 - c) Improving telephone communication
 - d) All of the above
- 5) Hearing aid fitting in elderly requires
 - a) Assessment of need and demand for communication
 - b) Assessment of cognitive abilities
 - c) Assessment of motivation
 - d) All of the above

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) _____ of following is a appropriate candidate for auditory brainstem implant.
- a) An adult with bilateral ossification of cochlea
 - 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
- 8) 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
- 9) In person with hyperacusis, degree of hearing loss _____.
- a) Ranges from mild to moderate SNHL
 - b) Does not exist
 - c) Ranges from severe profound SNHL
 - d) All of the above
- 10) Parents of a child with hearing impairment goes through _____ psychological reactions.
- a) Denial
 - b) Grief
 - c) Rejection
 - d) All of the above

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T.Y.B.A.S.L.P. (2013 Course) Winter-2017
SUBJECT : REHABILITATIVE AUDIOLOGY

Day : Monday
Date : 25/09/2017

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

W-2017-3443

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) Tinnitus evaluation
 - b) Subjective evaluation of hearing loss in elderly population
 - c) Assessment of speech reading
 - d) Anticipatory strategies
 - e) Candidacy for BAHA
 - f) Candidacy for Auditory Brainstem Implant

- 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) Candidacy for cochlear implant.

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 management strategies for children with (C)APD
- 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.