

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

SUBJECT: REHABILITATIVE AUDIOLOGY

Day: Friday

Date: 07-12-2018

W-2018-3675

Time: -

Max. Marks: 10

N.B.:

- 1) Put a  $\checkmark$  in the appropriate box below the question number once only.
- 2) Use blue ball point pen only.
- 3) Each question carries one mark.
- 4) Students will not be allowed mark if he/she overwrite strikes or put white ink on tick once marked.
- 5) MCQ sheet will be taken back **after 10 minutes**.

Seat No: \_\_\_\_\_

Signature of Invigilator: \_\_\_\_\_

Signature of the Examiner: \_\_\_\_\_

(Seat No in words)

**SECTION - A**

**Q.1 MCQ: (10x1=10)**

- 1) Following is not a ideal candidate for cochlear implant
  - a)  A year old child responding to only low frequency stimulus
  - b)  A 4 year old post lingual child not responding to any of the stimulus
  - c)  A 2 year old child with congenital severe to profound SNHL
  - d)  A year old child with congenital anomaly of Michel's Aplasia.
- 2) Following is not a external part of cochlear Implant
  - a)  Transmitting coil
  - b)  Receiver Stimulator
  - c)  Speech Processor
  - d)  Coil Magnet
- 3) ----- type speech reading training is the most appropriate in older postlingual adults
  - a)  Jena Method
  - b)  Synthetic Method
  - c)  Analytic Method
  - d)  All of the above
- 4) Assistive Listening Devices help in-----
  - a)  Improving SNR
  - b)  Improved telephone viewing
  - c)  Improved telephone communication
  - d)  All of the above

(P.T.O.)

- 5) Hearing aid fitting in elderly requires-----considerations
- a)  Assessment of Demand and need for communication
  - b)  Assessment of Cognitive Issues
  - c)  Assessment of Motivation
  - d)  All of the above
- 6) ----- of following is a candidate for Auditory Brainstem Implant
- a)  An adults with bilateral ossification after Meningitis
  - b)  A year old child with bilateral severe to profound SNHL
  - c)  An adults after bilateral sectioning of Auditory nerve post NF 2 surgery
  - d)  Both a and c
- 7) ----- of following is an appropriate auditory goal for a child with 18 months of hearing age
- a)  Comprehension of simple commands of 4-5 words
  - b)  Localization of sound source
  - c)  Discrimination of different animal sounds
  - d)  Comprehension of stories
- 8) ----- of following is not a ideal candidate for AVT
- a)  Diagnosed rehabilitated and implanted child after 5 years of chronological age
  - b)  A 2 year old child with moderately severe to severe hearing loss who has been responding to all the ling's sound with appropriate hearing aid
  - c)  A child implanted at the age of 2cyears with no other associated problems
  - d)  None of the above
- 9) An parents of a child with hearing impairment goes through ----- psychological rections
- a)  Denial
  - b)  Grief
  - c)  Rejection
  - d)  All of the above
- 10) A 2year old child after cochlear implantation needs AVT for minimum of ----- -- period for optimum progress of hearing speech and Language
- a)  1 year
  - b)  2-3 years
  - c)  6 months
  - d)  None of the above

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Day: Friday  
Date: 07/12/2018

**W-2018-3675**

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

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N.B.:

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Draw diagrams **WHEREVER** necessary.
  - 4) Answer each section in the respective answer sheet only.
  - 5) Answers written in the inappropriate answer sheets will not be assessed in any case.
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**SECTION – B**

**Q.2** Write a short note on **ANY FIVE** out of **SIX** (15)

- a) Ling's 6 sound test.
- b) Group therapy for AVT.
- c) Candidacy for BAHA and Auditory brainstem Implant.
- d) Assessment of Speech reading.
- e) ACE strategy used in cochlear implant processing.
- f) Auditory Decoding deficit in children with Auditory with Processing Disorder.

**Q.3** Attempt **ANY FOUR** out of **FIVE** (20)

- a) Explain the characteristics of children with Integration deficit of Auditory Processing Disorder.
- b) Explain the management of client with hyperacusis.
- c) Describe the principals of auditory verbal therapy.
- d) Write down the difficulties in aural rehabilitation of very elderly population.
- e) Write the candidacy criteria of cochlear Implant-for children as well Adults.

**SECTION – C**

**Q.4** Attempt the following questions: (20)

- a) Write the AVT therapy lesson plan with activities for a 2 year old cochlear Implantee with hearing age of 1 year.
- b) Write the management strategies for children with Auditory Processing Disorder.

**Q.5** Attempt **ANY ONE** out of **TWO** (15)

- a) Explain Assessment and management of persons with tinnitus.
- b) Explain the external and internal parts of the cochlear Implant with appropriate block diagram.

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