

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

Day: Wednesday  
Date: 12-12-2018

W-2018-3677

Time: \_\_\_\_\_  
Max. Marks: 10

**N.B.**

- 1) Put  $\checkmark$  in the appropriate box below the question number once only.
- 2) Use blue ball point pen only.
- 3) Each question carries one mark.
- 4) MCQ sheet will be taken back after 10 minutes.

Seat No. -----

Signature of the Invigilator-----

Marks Obtained: -----

Signature of the Examiner -----

**SECTION - A (10 Marks)**

**Q.1 MCQ**

- 1) Which of the following can be used as a word recognition test for children with severe to profound hearing loss
  - a)  GASP
  - b)  ESP
  - c)  MTS
  - d)  All of the above
- 2) Which of the following reflects the condition of a child with complete absence of inner ear and auditory nerve.
  - a)  Michel's aplasia
  - b)  Mondini's aplasia
  - c)  Scheibe aplasia
  - d)  None of the above
- 3) Which of the following is the most appropriate behavioral test for a three month old child?
  - a)  VRA
  - b)  BOA
  - c)  TROCA
  - d)  Any of the above
- 4) The following should be taken into consideration for selecting a screening method
  - a)  Population to be screened
  - b)  Degree of hearing loss
  - c)  Personals to be involved
  - d)  All of the above

P.T.O.

- 5) The human cochlea reaches maturation by \_\_\_\_\_ of embryonic development
- a)  5<sup>th</sup> fetal week
  - b)  14<sup>th</sup> fetal week
  - c)  20<sup>th</sup> fetal week
  - d)  35<sup>th</sup> fetal week
- 6) DPOAE's are evoked using \_\_\_\_\_
- a)  Tone pips
  - b)  clicks
  - c)  Combined tones
  - d)  None of the above
- 7) The temporal processing skills in children can be assessed using the following, except;
- a)  GDT
  - b)  PPT
  - c)  DDT
  - d)  DPT
- 8) Horizontal localization is developed by \_\_\_\_\_
- a)  1-2 months
  - b)  6-7 months
  - c)  1-2 years
  - d)  3-5 months
- 9) Hearing Screening tests are designed to:
- a)  diagnose an auditory problem
  - b)  determine if a person's hearing is normal
  - c)  determine if a person's hearing is abnormal
  - d)  determine if a person is at risk for a hearing problem
- 10) The \_\_\_\_\_ might act as stressor/s that lead to functional hearing loss in children
- a)  a stressful event
  - b)  trouble at school
  - c)  history of physical trauma
  - d)  All of the above

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**SUBJECT: PEDIATRIC AUDIOLOGY**

Day: Wednesday  
Date: 12/12/2018

**W-2018-3677**

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 neat and labeled diagrams **WHEREVER** necessary.
- 4) Answers to both the sections should be written in **SEPARATE** answer books.
- 5) Answers written in the inappropriate answer sheets will not be assessed in any case.

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**SECTION-B (SAQ – 35 Marks)**

**Q.2** Attempt any **FIVE** of the following: **(15)**

- a) What is the importance of follow-up in screening programs?
- b) Explain any two test used for assessing functional hearing loss in children
- c) Conditioned play audiometry
- d) Describe any picture identification test used to perform speech audiometry in children
- e) OAE in neonatal hearing screening
- f) Causes of acquired hearing loss in children

**Q.3** Attempt any **FOUR** of the following: **(20)**

- a) What factors should be taken into consideration before selecting a speech audiometry test in children
- b) Screening of CAPD in children
- c) How can one perform informal screening of hearing in children?
- d) Effects of maturation on ABR
- e) Auditory Neuropathy in children

**SECTION-C (LAQ – 35 Marks)**

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

- a) Describe the assessment and management of unilateral hearing loss in children.
- b) Explain the need, importance and procedures of BOA and VRA

**Q.5** Attempt any **ONE** of the following:

- a) Discuss screening for hearing loss in school going children & state the importance of same
- b) Describe the embryological development of middle ear and inner ear with a neat labelled diagram.

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