

**B.A.S.L.P.Sem – III (2017 Course) : WINTER - 2018**

**SUBJECT : AMPLIFICATION DEVICES**

**Day** : Friday  
**Date** : 26/10/2018

**W-2018-3692**

**Time** : 10.00 AM TO 12:00 NOON  
**Max. Marks** : 50

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**N.B.**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the **RIGHT** indicate **FULL** marks.
  - 3) Draw neat diagrams **WHEREVER** necessary.
  - 4) Answer to both the sections should be written in the **SEPARATE** answer books.
  - 5) Answer written in the inappropriate answer sheets will not be assessed if any case.
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**SECTION – A**

**Q.1** Attempt **ANY FIVE** out of seven of the following. [5 x 5 = 25]

- a) Explain the DSL formula used for pediatric hearing aid fitting.
- b) Explain the functioning of directional microphone.
- c) Discuss different ear mould modifications.
- d) Compare the different types of couplers used for EAC measurement.
- e) Write a note on Frequency compression hearing aids.
- f) Describe candidacy and functioning of different types of CROS hearing aids.
- g) Draw a well labeled diagram of BAHA and write about its candidacy.

**SECTION - B**

**Q.2** Attempt **ANY ONE** out of two of the following : [1 x 10 = 10]

- a) Describe various assistive listening devices used for persons with hearing impairment
- b) Discuss various types of hearing aids used for persons with hearing impairment and draw the diagram wherever required.

**Q.3** Attempt **ANY ONE** out of two of the following : [1 x 15 = 15]

- a) Compare and contrast various steps involved in hearing aid fitting in pediatric over adult population.
- b) Describe the EAC measurement procedure and the parameters used for EAC measurement.

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