

**Q.P. Code: 215377**

**Reg. No: .....**

**Second Year MASLP Degree Regular/Supplementary Examinations  
January 2022**

**Hearing Devices**

**(2016 Scheme)**

**Time: 3 hrs**

**Max. Marks: 80**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

**Essays**

**(5x16=80)**

1. With the help of an appropriate diagram explain the process and steps involved in analog to digital conversion.
2. Explain on techniques used in the hearing aids to improve speech perception in noise.
3. Write in detail about the pre-fitting assessment, selection, fitting and verification procedures of hearing aid for a 45-year-old adult male with bilateral sloping SN hearing loss.
4. With the help of neat diagrams describe the working principle of each component of cochlear implant.
5. How do you determine the candidacy for middle ear and brainstem implants.  
Write with reference to both audiological and non-audiological tests.

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