

BAS-802

BASLP-12

**BACHELOR IN AUDIOLOGY AND
SPEECH-LANGUAGE PATHOLOGY
EXAMINATION — JANUARY, 2009.**

First Year

INTRODUCTION TO AUDIOLOGY

Time : 3 hours

Maximum marks : 80

1. Compare the following : (3 × 3 = 9)
 - (a) DLI Vs DLF
 - (b) Subjective Vs objective evaluation.
 - (c) Tuning fork tests Vs Audiometric version of tuning fork tests.
2. Mention the importance of the following : (3 × 3 = 9)
 - (a) BC threshold on the audiogram.
 - (b) Middle ear.
 - (c) Standards for audiometers.

3. Define : (4 × 3 = 12)
- (a) Stenger's principle.
 - (b) Occlusion effect.
 - (c) Head shadow effect.
 - (d) Localization.
4. Write essay on any of the TWO : (2 × 10 = 20)
- (a) Transformer function of the middle ear.
 - (b) Concept of masking.
 - (c) Structures of the cochlea.
5. Write short notes on any SIX of the following : (6 × 5 = 30)
- (a) Explain the concept of dB.
 - (b) Equal loudness contour.
 - (c) Pitch and Loudness.
 - (d) Subject related factors influencing pure tone audiometry.
 - (e) Otosclerosis.
 - (f) $50\text{dBIL} + 50\text{dB SPL} = ?$
 - (g) Advantages of binaural hearing.