

[LG 0415]

APRIL 2015

Sub. Code: 3006

**MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
(MASLP) DEGREE EXAMINATION
FIRST YEAR
(2010-2011 Session onwards)
PAPER VI - PSYCHOPHYSICS**

Q.P. Code: 433006

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Theories of pitch perception in detail with its merits and de-merits and research evidences.
2. How do you differentially assess adaptation and fatigue? Explain with pathophysiology and clinical applications.

II. Write notes on:

(10 x 6 = 60)

1. Gap detection in broadband noise
2. Binaural beats
3. Critical band concept
4. Loudness perception in cochlear pathology
5. Space perception and its clinical applications
6. Ohm's law with its applications in perception
7. Jeffress model
8. Auditory image and lateralization
9. Differentiate between localization in air and underwater medium
10. Levels of adaptation
