

FIRST YEAR M.A.S.L.P. : WINTER - 2018

SUBJECT: PSYCHOPHYSICS

Day: Saturday
Date: 20/10/2018

W-2018-3708

Time: 10.00 AM TO 01.00 PM
Max. Marks: 80

N.B:

- 1) All questions are **COMPUSLORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Answers to the two sections should be written in **SEPARATE** answer books.
 - 4) Draw diagrams **WHEREVER** necessary.
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SECTION-A

(L. A. Q.)

Q.1 Attempt **ANY FOUR** of the following: **(15 x 4 = 60)**

- a) Discuss the effect of binaural vs monaural localization of sound on space perception of sound.
- b) Describe pitch perception, neurophysiologic basis for the same and factors affecting with appropriate examples.
- c) What is adaptation? Describe levels of adaptation and it's physiology and methods to study same.
- d) Describe loudness perception in normal hearing individuals.
- e) Discuss the concept and role of critical band and equivalent rectangular bandwidth in masking with appropriate examples.
- f) Describe Temporal Perception and methods to study this in detail. Explain factors affecting temporal perception.

SECTION-B

(S.A.Q.)

Q.2 Write a note on **ANY FOUR** of the following; **(4 x 5 = 20)**

- a) Two Tone Suppression
- b) Florentine theory of softness imperceptions
- c) Underwater hearing
- d) Factors affecting Timbre perception
- e) Pathophysiology of fatigue
- f) Object Perception

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