

MASTER OF SCIENCE (SPEECH-LANGUAGE PATHOLOGY)
M.Sc. (S.L.P.) Sem-I : WINTER :- 2021
SUBJECT: SPEECH SCIENCE & SPEECH PRODUCTION

Day : Wednesday
Date 30-Mar-2022

W-19514-2021

Time : 10:00 AM-01:00 PM
Max. Marks: 80

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 **RESPECTIVE** answer books.
- 5) Answer written in the inappropriate answer sheets will not be assessed in any case.

SECTION - A

Q. 1 Attempt any **FOUR** out of **SIX**: **(60)**

- a) Breathing for life is different to that of breathing for speech. Justify.
- b) What are stops? Describe the aerodynamic and acoustic characteristics of stops?
- c) What are the different types of evaluation you can carry out while you assess speech sound production?
- d) What are the different postulates about the vocal fold vibrations? Explain Pros and cons of each.
- e) What are the clinical application of studying spectrography? How can it help in regular voice OPD?
- f) What are the different types of cry? What are the characteristics of pathological cry?

SECTION - B

Q.2 Attempt any **FOUR** out of **SIX**: **(20)**

- a) Dysprosody
- b) Spirometry
- c) Diphthongs
- d) Speaker recognition
- e) Acoustic of speech Vs Music
- f) Vital capacity

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