**Assignment-8**

1. Which one of the following Parameter control the speech prosody?

**A. Pause**

B. Phoneme

C. First and second formant frequency

2. Role of Voice Fundamental Frequency (F0 ) Contour to convey

A. Linguistic information

B. Para-linguistic information

C. non-linguistic information

**D. All of the above**

3. Which one of the following F0 Contour modeling is reversible?

*A. ToBI*

*B. Stylization*

***C. Fujisaki F0 Contour modeling***

D. All of the above

4. As Fujisaki F0 Contour modeling the accentuation is produce due to

**A. Rotation around the cricothyroid**

B. Horizontal translation due to the activities of *pars oblique*

C. Change of vocal cords Mass

5. F0 contour, when plotted in the logarithmic scale as a function of time, can be expressed as

**A. Sum of a constant (baseline) term and a time-varying accent component and phrase component**

B. Sum of time-varying accent component and phrase component

C. Sum of a constant (baseline) term and product of time-varying accent component and phrase component

6. Prosodic word can be define as

**A. The part or a whole of an utterance that forms an accent type**

B. The interval between two successive phrase commands uninterrupted by a pause

C. Every written word treated as Prosodic word

7. As Fujisaki F0 Contour modeling the phrasing is produce due to

**A. Rotation around the cricothyroid**

B. Horizontal translation due to the activities of *pars oblique*

C. Change of vocal cords length and mass

8. Realization of speech prosody involves

**A. Both segmental and suprasegmental features of speech**

B. Only segmental features of speech

C. Only suprasegmental features of speech

9. Speech Prosody is defined as

**A. Systematic organization of individual linguistic units into an utterance, or a coherent group of utterances, in the process of speech production.**

B. Systematic organization of para-linguistic and non-linguistic information

C. all of the above

10. In many languages *tone*, *accent*, and *intonation is* used to express by

**A. temporal changes in *F*0 contour**

B. temporal changes of amplitude contour

C. temporal changes of pause duration