

Nov. 20/2

BLDE UNIVERSITY

PRE – Ph.D. COURSE WORK EXAMINATION

Paper II: Background Paper (ENT)

QP CODE - 6010

Duration: 1 ½ Hrs

Max Marks: 50

I Answer the following

5 x 2 = 10 Marks

1. What is Spectrogram?
2. Sine Wave
3. What is Syrinx?
4. Define Timbre
5. What is tempered Scale?

II Answer ANY FOUR of the following

4 x 5 = 20 Marks

6. Shimmer
7. Fourer Transform
8. Praat
9. Octave
10. Fundamental Frequency

III Answer ANY TWO of the following

2 x 10 = 20 Marks

11. Discuss different physiological and physical parameters of human voice.
12. Formants
13. Discuss organs of articulation and their relation to consonants of Indian Languages