Questions (2.5 marks each

1. Describe the various components and functions of multilingual speech-to-speech translation system.

2. Illustrate the task of speech signal-to-symbol transformation.

3. Describe the speech production and perception process in human-beings.

4. Tabulate different types of sounds in Indian languages based on Vowels, Place and Manner of Articulation.

5. Approaches to speech signal-to-symbol transformation & their limitations.

6. Various issues in the development of a phonetic engine.

7. Significant events in a Consonant-Vowel (CV) unit.

8. Procedure of MFCC feature extraction.