

Class Test 1:

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1. Explain the following terms with examples: (5)
Phone, Phoneme, Morpheme, Syllable, Morphology
2. Construct a two-level Finite-State-transducer for the word *bank* in the following sentences: (5)
Picnic at river *bank*.
3. Construct (only) the FST recognize the pronunciation of word *foxes*. (5)
4. Draw and briefly explain the *noisy channel* model for speech recognition. (5)
5. Explain the difference between *weighted FA* and *HMM* models. (5)