Major HUL 281 *Mind, Machines and Language*

Time 2 hrs

I Write short notes on the following: (5 MARKS × 4 = 20 MARKS)

1. Synaptic plasticity in sensory systems
2. Tonotopy in the auditory cortex
3. Cognition and perception
4. BOLD signal

II What is the structure of linguistic processing? (8 MARKS)

III Describe the model of Working Memory propounded by Baddley. (6 MARKS)

IV Describe in 200 words the relationship between computation and cognition. (6 MARKS)