2011

M.A.

4th Semester Examination

PHILOSOPHY

PAPER—PHI-2212

Full Marks : 40

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

[Philosophy of Cognitive Science]

Answer any *two* questions from Group—A
and *one* question from Group—B.

Group—A

1. Discuss the structure and functions of a neuron.

6+10

2. 'The way around the CPU bottleneck problem is to introduce parallelism'—Explain this statement according to Flanagan.

16

3. Write short notes on : 4+12

   (a) Turing Machine.

   (b) Hardware.

4. Answer the following :

   (a) Explain briefly the Penfield's study regarding epileptic patient.

   (b) How do you explain the synaptic basis of learning?
   8+8

Group—B

5. Write a short note on NET talk as an example of connectionist network. 8

6. Write a short note on the difference between left and right brain. 8

7. How do you explain the control of simple action? 8