

2010

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. Briefly state and explain the structure and function of a CPU of a standard digital computer. 16
2. According to connectionism, standard Von Neumann architectures have several shortcomings. — Justify the reasons for holding this view. 16

(Turn Over)

3. Explain the gross structure of the central nervous system. 16
4. Explain language and other high-level functions of brain following Broca's Aphasia and Wernicke's Aphasia. 16

Group—B

5. Any one example of connectionist network. 8
6. Show the differences between short term and long term memory. 8
7. Discuss briefly the function of synapse in the nervous system. 8