

University of Colombo

Faculty of Arts

First Year Degree Examination in Arts

First Semester – 2016/2017

FND 1115 - Critical Thinking and Logical Analysis
(Two Hours)

Answer any **four (04)** questions.

1. Define what critical thinking is, and describe what we do when we do critical thinking.
2. Although fallacies are logically flawed they are psychologically persuasive: elaborate on this with examples.
3. Using the deductive argument forms you have studied, explain validity and soundness of an argument.
4. Philosophers usually ask questions more than answering them: Discuss the significance of asking questions. (You may refer to the Buddha and Socrates in illustrating your answer)
5. Thinking critically requires one to be aware of the limits of one's knowledge. Discuss the significance of the idea of limits in critical thinking.
6. Illustrate the following fallacies with examples: (i) Circular reasoning (begging the question); straw-man fallacy; and amphiboly.
7. What is scientific method? Elaborate on Mill's methods in determining the cause of an event.
