PSYCHOLOGY 354 FINAL EXAM Dr. Michael R.W. Dawson December 10, 2013 (2 hour exam)

Part I: Choose any TEN of the following terms, and write a short (2-3 sentence) definition for each. The definition should indicate what the term means, and should also indicate why the term is important to cognitive science. Remember, ONLY 10 DEFINITIONS are required. Each definition is marked out of 3 points.

Telescoping of Processes	FINST	Central Control
Constraint Propagation	'Pop Out'	Unconscious Inference
Problem of Underdetermination	Distributed Representation	Visual Cognition
Cognitive Vocabulary	Dialectic	Antithesis

Part II: Choose any ONE of the following questions, and write a short essay (3-4 pages) to answer it. Make sure that your answer is clear and concise, and also make sure that you deal with the question directly. Your answer will be marked out of 35 points.

Question		
1	Use the accompanying picture to motivate an answer related to the general question: What is the current state of cognitive science? Illustrate your answer with appropriate examples.	Connectionist
2	Use the accompanying picture to motivate an answer related to the general question: What do modern theories of visual perception imply about the foundations of cognitive science? Illustrate your answer with appropriate examples.	Proximal Stimulus Interpretation 3 Interpretation 3 Interpretation 4 Interpretation 5
3	Use the accompanying picture to motivate an answer related to the general question: What is the relationship between different schools of cognitive science? Illustrate your answer with appropriate examples.	Computational Many-To-One Algorithmic Many-To-One Architectural Implementational