

PSYCHOLOGY 354 FINAL EXAM
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(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.

Graceful Degradation	Parallel distributed processing	Arbitrary pattern classifier
Coarse coding	Simulation theory	Perceptron
Situated or embodied cognition	Synthetic psychology	Theory theory
Mirror neurons	Consciousness	Problem of induction

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.

1. Two views of cognitive science that we have seen this term are the classical approach and the connectionist approach. Compare and contrast these two approaches, using appropriate examples from course materials. Is there any reason to prefer one of these approaches over the other?
2. Two views of cognitive science that we have seen this term are the classical approach and the embodied approach. Compare and contrast these two approaches, using appropriate examples from course materials. Is there any reason to prefer one of these approaches over the other?
3. Two views of cognitive science that we have seen this term are the connectionist approach and the embodied approach. Compare and contrast these two approaches, using appropriate examples from course materials. Is there any reason to prefer one of these approaches over the other?