1

Question: Which type of AI is currently hypothetical and represents the highest level of machine intelligence, exceeding human capabilities in all cognitive aspects?

A) Narrow AI

B) General AI

C) Super AI

D) Reactive Machines

Correct Answer: C

2

Question: Match the AI agent type with its characteristic:

Agent Type	Characteristic
1. Simple Reflex Agent	a. Uses a utility function to evaluate actions
2. Model-Based Agent	b. Acts based on current percept only
3. Goal-Based Agent	c. Maintains an internal state and model of the world
4. Utility-Based Agent	d. Chooses actions to achieve a specific goal

A) 1-b, 2-c, 3-d, 4-a

B) 1-a, 2-b, 3-c, 4-d

C) 1-c, 2-d, 3-a, 4-b

D) 1-d, 2-a, 3-b, 4-c

Correct Answer: A

3

Question: Fill in the blank: _____ reasoning starts with a general statement and examines the possibilities to reach a specific, logical conclusion.

A) Inductive

B) Abductive

C) Deductive

D) Conductive

Correct Answer: C

4

Question: Which component of an intelligent agent is responsible for suggesting actions that lead to new and informative experiences?

A) Learning element

B) Critic

C) Performance element

D) Problem generator

Correct Answer: D

5

Question: What does the acronym PEAS stand for in the context of defining the problem an AI agent solves?

A) Performance, Environment, Actuators, Sensors

B) Perception, Exploration, Adaptation, Search

C) Planning, Execution, Analysis, Simulation

D) Problem, Example, Algorithm, Solution

Correct Answer: A

6

Question: Which historical figure is credited with devising the Turing test, a significant benchmark in

evaluating machine intelligence?

A) John Von Neumann

B) Alan Turing

C) Charles Babbage

D) Warren McCulloch

Correct Answer: B