Instructions 1

Please select the best answer.

Question 2

What does the causal state modeling example shows how we can automatically learn?

- A. Everything we need for an agent-based model
- B. Rules for an agent-based model
- C. Patterns of behavior of aggregate systems
- D. How many agent to model

Question 3

The growth of _____ provides us with more insight into human activity than any previous time in history.

- A. big data
- B. census data
- C. lab studies
- D. surveys

Question 4

The goal of _____ is to create a suite of models that are both generalizeable and can create specific forecasts

- A. full spectrum modeling
- B. iterative modeling
- C. pattern-oriented modeling
- D. agent-based modeling

Question 5

_____ is the idea that model developers and subject matter experts should communicate often.

- A. pattern-oriented modeling
- B. agent-based modeling
- C. iterative modeling
- D. full spectrum modeling

Question 6

Which of these commands allows you to store a function as a variable?

- A. MAP
- B. REDUCE
- C. RUN
- D. TASK

Question 7

?1 and ?2 are used in NetLogo to refer to?

- A. elements of a list that you are iterating over
- B. the first and second variable
- C. a random number multiplied by one and two respectively
- D. they are not used in NetLogo

Question 8

Participatory simulation allows _____ to interact with (the) _____.

- A. people, robots
- B. people, virtual agents
- C. doctors, patients
- D. parts, whole

Question 9

System dynamics modeling is primarily composed of what two elements?

- A. math, equations
- B. agents, flows
- C. stocks, flows
- D. stocks, agents

Question 10

The GIS extension can read data directly from (a/n) _____.

- A. java file
- B.online internet collection
- C. shapefile
- D. database

Question 11

Betweenness centrality computes the node which exists on the greatest number of _____ between _____.

- A. shortest paths, nodes
- B. nodes, nodes
- C. shortest paths, cities
- D. eigenvectors, eigenvalues