**Practice Quiz: Automation at Scale**

**TOTAL POINTS 5**

1.Question 1

What is IaC (Infrastructure as Code)?

1 point



Writing a program from the outside in



Programs for industrial use



Hardware-based programming with FPGAs



Using a version control system to deploy and manage node configurations

2.Question 2

What is the principle called when you think of networked machines as interchangeable resources instead of individual machines?

1 point



"Flexible deployment"



The "Borg" principle



Treating computers like "cattle instead of pets"



The principle of "group operation"

3.Question 3

What benefits can we gain by using automation to manage our configuration? (Check all that apply)

1 point



Consistency



Simplicity



Reliability



Scalability

4.Question 4

Puppet is a commonly used configuration management system. Which of the following applications are also used for configuration management?

1 point



Valgrind



Chef



Ansible



CFEngine

5.Question 5

A network administrator is accustomed to manually configuring the 5 nodes on the network he manages. However, the company he works for is quickly growing, and there are plans to expand the network to 200 nodes. What is the most reasonable course of action for the network administrator?

1 point



Prepare to manually configure 200 nodes



Hire more network techs



Ask for a reduction in planned nodes to simplify configuration