12.

1. Create a Test Plan in JMeter.

2. Add a Thread Group to the Test Plan and configure it with the desired number of threads, ramp-up time, and loop count.

3. Add a Random Controller to the Thread Group.

4. Add two or more samplers to the Random Controller.

5. Configure each sampler with a unique request or action to perform.

6. Add a Random Order Controller to the Thread Group.

7. Add two or more samplers to the Random Order Controller.

8. Configure each sampler with a unique request or action to perform.

By running this scenario in JMeter, it can verify that the Random Controller randomly selects one of the two samplers to execute, while the Random Order Controller executes all three samplers in a random order.