Answers

1. C
2. B
3. a
4. true

Short Answers

1) What is auto wiring (injecting) and list the different modes of it?

Autowiring (injecting) is a feature in Spring framework that allows the Spring container to automatically resolve and inject the dependencies of a bean. Instead of explicitly specifying the dependencies in the configuration, Spring uses autowiring to connect the dependent beans by matching their types, names, or other criteria.

There are several modes of autowiring in Spring:

* No Autowiring (default)
* byType
* byName
* constructor
* autodetect

2) List two REST architectural constraints with a brief explanation?

**Statelessness:**

Each request from a client to the server must contain all the information the server needs to fulfill that request. The server does not store any client context between requests. This means that each request is treated independently, and the server does not rely on any stored state to process it. Statelessness improves scalability and reliability by simplifying the server design and making it easier to manage client interactions. However, it may also require clients to send more data with each request.

**Uniform Interface:**

RESTful services must adhere to a uniform interface that standardizes the communication between clients and servers. This constraint simplifies and decouples the architecture, allowing each part to evolve independently.

**Programming answers in github link**

**I couldn’t complete all. Below is the answers**

**https://github.com/bi-node/web-aa-assignment/tree/master/midterm-mocktest**