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| 1) | |  | | --- | | **What does REST stand for?** | | |  |  |  | | --- | --- | --- | |  | **1)** | **REpresentation State Transfer** | |  | 2) | REgular State Transfer | |  | 3) | REnder Static Transfer | |  | 4) | REnder State Transfer | | |
| 2) | |  | | --- | | **What is the purpose of the method MockMvc.perform()?** | | |  |  |  | | --- | --- | --- | |  | 1) | Executes the test cases | |  | **2)** | **Creates a request to the URL mentioned in the paramter of perform() method and**  **invokes the RESTful Web Service.** | |  | 3) | Validates the data sent in RESTful Web Service request | |  | 4) | Validates the data by the RESTful Web Service | | |

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| 3) | |  | | --- | | **Any HTTP request coming to a web application developed using Spring Framework**  **is handled by HandlerServlet** | | |  |  |  | | --- | --- | --- | |  | 1) | TRUE | |  | **2)** | **FALSE** | | |
| 4) | |  | | --- | | **What is annotation for defining a controller as RESTful Web Service?** | | |  |  |  | | --- | --- | --- | |  | 1) | @Controller | |  | **2)** | **@RestController** | |  | 3) | @JsonController | |  | 4) | @HttpController | | |

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| 5) | |  | | --- | | **What is the annotation for configuring Mock MVC?** | | |  |  |  | | --- | --- | --- | |  | 1) | @ConfigureMvc | |  | 2) | @ConfigureMockMvc | |  | **3)** | **@AutoConfigureMockMvc** | |  | 4) | @AutoConfigMockMvc | | |
| 6) | |  | | --- | | **What does SOAP stand for?** | | |  |  |  | | --- | --- | --- | |  | **1)** | **Simple Object Access Protocol** | |  | 2) | Standard Object Access Protocol | |  | 3) | Simple Object Assimilation Protocol | |  | 4) | Simple Object Access Process | | |

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| 7) | |  | | --- | | **Select all benefits that are applicable for RESTful Web Service over SOAP** | | |  |  |  | | --- | --- | --- | |  | **1)** | **Lightweight** | |  | **2)** | **Maintainable** | |  | 3) | Easy to migrate existing application | |  | **4)** | **Scalable** | | |
| 8) | |  | | --- | | **Select all applicable clients that can be used to invoke a RESTful web service of**  **method type POST** | | |  |  |  | | --- | --- | --- | |  | 1) | Any internet browser | |  | **2)** | **curl command** | |  | **3)** | **postman** | |  | 4) | git | | |

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| 9) | |  | | --- | | **DispatcherServlet is a decentralized servlet in Spring Web Framework** | | |  |  |  | | --- | --- | --- | |  | 1) | TRUE | |  | **2)** | **FALSE** | | |
| 10) | |  | | --- | | **Which is the default third party library used by spring to transform bean to JSON?** | | |  |  |  | | --- | --- | --- | |  | 1) | Jersey | |  | **2)** | **Jackson** | |  | 3) | JAX-RS | |  | 4) | SOAP | | |

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| 11) | |  | | --- | | **Select all applicable options that can be used to invoke a RESTful web service of**  **method type GET** | | |  |  |  | | --- | --- | --- | |  | **1)** | **Any internet browser** | |  | **2)** | **curl command** | |  | **3)** | **postman** | |  | 4) | git | | |
| 12) | |  | | --- | | **Select all options that are part of HTTP Request** | | |  |  |  | | --- | --- | --- | |  | **1)** | **Request Method** | |  | 2) | Content Type | |  | **3)** | **HTTP Version** | |  | 4) | Response Status | |  | **5)** | **Resource** | | |

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| 13) | |  | | --- | | **Using MockMvc API how to check if the RESTful Web Service method reponse is**  **successful?** | | |  |  |  | | --- | --- | --- | |  | **1)** | **status().isOk()** | |  | 2) | status().isBadRequest() | |  | 3) | status().isInternalServer() | |  | 4) | status().reason() | | |
| 14) | |  | | --- | | **Let us assume that a RestController is returning an Employe bean, the JSON**  **response will contain the attributes of Employee bean, what all steps are done by**  **Spring Framework to make this transformation happen?** | | |  |  |  | | --- | --- | --- | |  | **1)** | **Sets the JSON in the resource content** | |  | **2)** | **Spring sets the response Content-Type to 'application/json'** | |  | 3) | Converts the Employee bean content to SOAP XML | |  | **4)** | **Using reflection spring reads each getter method of Employee and frames the JSON** | | |

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| 15) | |  | | --- | | **Select all options that are part of HTTP Response** | | |  |  |  | | --- | --- | --- | |  | **1)** | **Content Type** | |  | **2)** | **HTTP Version** | |  | **3)** | **Response Status** | |  | 4) | Resource | |  | 5) | Request Method | | |
| 16) | |  | | --- | | **What is the ideal Content-Type prefix when a picture needs to be responded by a**  **server?** | | |  |  |  | | --- | --- | --- | |  | 1) | text | |  | 2) | application | |  | **3)** | **image** | |  | 4) | file | | |

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| 17) | |  | | --- | | **Against which element of code does @PathVariable needs to be associated with?** | | |  |  |  | | --- | --- | --- | |  | 1) | Class | |  | 2) | Method | |  | 3) | Instance Variable | |  | **4)** | **Method Parameter** | | |
| 18) | |  | | --- | | **Select all options that are can be used when there is a need to define a GET method**  **in RestController.** | | |  |  |  | | --- | --- | --- | |  | **1)** | **@GetMapping("/employee")** | |  | **2)** | **@RequestMapping("/employee")** | |  | 3) | @RestController | |  | 4) | @Controller | | |

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| 19) | |  | | --- | | **In which line of HTTP Response is the response status code present?** | | |  |  |  | | --- | --- | --- | |  | **1)** | **Line 1** | |  | 2) | Line 4 | |  | 3) | Line 2 | |  | 4) | Line 3 | | |
| 20) | |  | | --- | | **Using MockMvc API which method can be used to validate content inside JSON?** | | |  |  |  | | --- | --- | --- | |  | 1) | json() | |  | **2)** | **jsonPath()** | |  | 3) | jsonValue() | |  | 4) | jsonRead() | | |

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| 21) | |  | | --- | | **DispatcherServlet is a Front Controller pattern** | | |  |  |  | | --- | --- | --- | |  | **1)** | **TRUE** | |  | 2) | FALSE | | |
| 22) | |  | | --- | | **What is the underlying protocol for RESTful Web Service?** | | |  |  |  | | --- | --- | --- | |  | 1) | FTP | |  | 2) | SMTP | |  | **3)** | **HTTP** | |  | 4) | POP3 | | |

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| 23) | |  | | --- | | **What does HTTP stand for?** | | |  |  |  | | --- | --- | --- | |  | **1)** | **Hypertext Transfer Protocol** | |  | 2) | Hypertext Transmission Protocol | |  | 3) | HTML Transfer Protocol | |  | 4) | HTML Transmission Protocol | | |