This set of Cloud Computing Multiple Choice Questions & Answers (MCQs) focuses on “Cloud Computing Stack – 1”.

1. A \_\_\_\_\_\_\_ service provider gets the same benefits from a composable system that a user does.  
a) CaaS  
b) AaaS  
c) PaaS  
d) All of the mentioned  
View Answer

Answer: c  
Explanation: If you are a PaaS or SaaS service provider and your task is to create the platform or service presented to the developer, reseller, or user, the notion of working with a composable system is still a very powerful one.

2. Point out the correct statement.  
a) Cloud architecture can couple software running on virtualized hardware in multiple locations to provide an on-demand service  
b) Cloud computing relies on a set of protocols needed to manage interprocess communications  
c) Platforms are used to create more complex software  
d) All of the mentioned  
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Answer: d  
Explanation: The most commonly used services uses a set of discovery and description protocols based on WSDL.

3. Which of the following is the property of the composable component?  
a) stateful  
b) stateless  
c) symmetric  
d) all of the mentioned  
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Answer: b  
Explanation: A transaction is executed without regard to other transactions or requests.

4. From the standpoint of a \_\_\_\_\_\_\_\_ it makes no sense to offer non-standard machine instances to customers.  
a) CaaS  
b) AaaS  
c) PaaS  
d) IaaS  
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Answer: d  
Explanation: Because those customers are almost certainly deploying applications built on standard operating systems such as Linux, Windows, Solaris, or some other well-known operating system.

5. Point out the wrong statement.  
a) A cloud cannot be created within an organization’s own infrastructure or outsourced to another datacenter  
b) A composable component must be modular  
c) A composable component must be stateless  
d) None of the mentioned  
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Answer: a  
Explanation: While resources in a cloud can be real physical resources, more often they are virtualized resources because virtualized resources are easier to modify and optimize.

6. A service provider reselling a \_\_\_\_\_\_\_ may have the option to offer one module to customize the information.  
a) CaaS  
b) AaaS  
c) PaaS  
d) SaaS  
View Answer

Answer: d  
Explanation: Modifications are generally severely limited.

7. Which of the following is the highest degree of integration in cloud computing?  
a) CaaS  
b) AaaS  
c) PaaS  
d) SaaS  
View Answer

Answer: d  
Explanation: An SaaS vendor such as Quicken.com or Salesforce.com is delivering an application as a service to a customer.

8. Which of the architectural layer is used as a front end in cloud computing?  
a) client  
b) cloud  
c) soft  
d) all of the mentioned  
View Answer

Answer: a  
Explanation: Cloud computing may be differentiated from older models by describing an encapsulated information technology service that is often controlled through an Application Programming Interface (API).

9. Which of the following benefit is provided by the PaaS service provider?  
a) A larger pool of qualified developers  
b) More reliable operation  
c) A logical design methodology  
d) All of the mentioned  
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Answer: d  
Explanation: The essence of a service oriented design is that services are constructed from a set of modules using standard communications and service interfaces.

10. Communication between services is done widely using \_\_\_\_\_\_\_ protocol.  
a) REST  
b) SOAP  
c) RESTful  
d) None of the mentioned  
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Answer: b  
Explanation: There are alternative sets of standards as well.