Solution Quiz # 1
Design of Distributed Systems

BESE-14
Total Marks 10

Answer 1.

Remote Procedure Call
Remote Method Invocation

Answer 2

Mobile computing is the performance of computing tasks while the user is on move or visiting places other than their usual environment.

Ubiquitous computing is the harnessing of many small, cheap computational devices that are present in user's physical environment. It can benefit users while they remain in a single environment such as home or a hospital and make use of devices embedded in appliances such as washing machines, refrigerator

Answer 3

http: Protocol
www.google.com.pk : Domain name of a web server
search: an application running on server – A query
q=bese14: query; a parameter and its argument

Answer 4

```
<Person>
      <Name> John </Name>
      <Age>21</Age>
      <Gender>Boy</Gender>
</Person>
```

Answer 5

Mobile code is the one that can be sent from one computer to the other.
Machines may be different, and code for one application might not run on other.

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Example: Java Applets; can be transferred from Web server to browser of client machine and execute on client side.

Answer 6

JVM Stands for Java Virtual Machine. It allows the Java code to be executed on any particular machine. The Java compiler generates code for the virtual machine which interprets it and in turn generates the code for the underlying hardware

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