

# Cloud Computing Assignments for Week 7 Solutions

one or more options may be correct.

SI No	Question
1	Mobile cloud computing (MCC) is the combination of _____, _____ and _____. (a) Grid computing, Mobile computing, Wireless networks. (b) Cloud computing, Mobile computing, Wireless networks. (c) Cloud computing, Mobile computing, Wired networks. (d) Cloud computing, Grid computing, Wired networks. <b>Ans: b</b>
2	Mobile cloud computing confirms (a) Static provisioning of resources (b) Scalability (c) Multi-tenancy (d) Reduce battery lifetime quickly <b>Ans: b,c</b>
3	_____ has the task of selecting which parts of an app runs on mobile and cloud. (a) Solver (b) Synchronizer (c) Profiler (d) None of the above <b>Ans: a</b>
4	Mobile Cloud Computing challenges are (a) High bandwidth, Service availability, and Heterogeneity (b) Low bandwidth, Service availability, and Homogeneity (c) Low bandwidth, Service availability, and Heterogeneity (d) High bandwidth, Service availability, and Homogeneity <b>Ans: c</b>
5	Fog Computing has _____ probability to attack on data enrouter and required _____ number of server nodes than Cloud Computing. (a) Lower, Less (b) Lower, Large (c) Higher, Less (d) Higher, Large <b>Ans: b</b>
6	Statement 1: Fog computing enables some of transactions and resources at the edge of the cloud. Statement 2: Fog computing increases the need for bandwidth by sending every bit of information over cloud channels. (a) Statement 1 is True and Statement 2 is False (b) Statement 1 is False and Statement 2 is True (c) Both of the statements are True (d) Both of the statements are False <b>Ans: a</b>

7	<p>Which of the following is/are the need(s) of Geospatial Cloud?</p> <p>(a) Sharing of geospatial data among organizations  (b) Lack of GIS expertise in the organizations  (c) Make GIS decision easily  (d) None of the above</p> <p><b>Ans: a,b,c</b></p>
8	<p>In mobile cloud computing, code offloading _____ latency.</p> <p>(a) Increases  (b) Decreases  (c) Keep same  (d) None of these</p> <p><b>Ans: b</b></p>
9	<p>Offloading is beneficial when _____ amounts of computation are needed with relatively _____ amounts of communication.</p> <p>(a) Small, Large  (b) Small, Small  (c) Large, Small  (d) Large, Large</p> <p><b>Ans: c</b></p>
10	<p>_____ reduces the overhead of resource management by using light-weight virtualizations.</p> <p>(a) Containers  (b) Virtual machines  (c) Both containers and virtual machines  (d) Neither containers nor virtual machines</p> <p><b>Ans: a</b></p>