

Cloud Computing Assignments for Week 5

one or more options may be correct.

Sl No	Question
1	<p>Which of the following indicates that cloud is cheaper than owning of computer infrastructures? Where U is Utility Premium, P is Peak Demand, and A is Average Demand</p> <p>(a) $U > (P/A)$ (b) $U < (P/A)$ (c) $U > (A/P)$ (d) $U < (A/P)$</p> <p>Ans: b</p>
2	<p>Which of the following part of the MapReduce is responsible for processing one or more chunks of data and producing the output results?</p> <p>(a) Map Task (b) Mapper (c) Task execution (d) All of the above</p> <p>Ans: a</p>
3	<p>Which of the following function is responsible for consolidating the results produced by each of the Map() functions/tasks?</p> <p>a) Map b) Reducer c) Reduce d) None of the above</p> <p>Ans: c</p>
4	<p>Which of the following is/are TRUE for Map phase?</p> <p>(a) Files are sorted by a key and stored to the local file system (b) Each mapper writes computation results in one file per reducer (c) Each mapper reads approximately $1/M$ of the input from the global file system (d) None of the above</p> <p>Ans: a,b,c</p>
5	<p>Which of the following way(s) help(s) to save energy in computing?</p> <p>(a) Reduced boot times (b) Increase time to perform live-migration (c) Reduce image size (d) All of the above.</p> <p>Ans: a,c</p>
6	<p>Which of the following is/are the objective(s) of Resource Management?</p> <p>(a) Increase latency (b) Improve quality of service(QoS) (c) Reduce throughput (d) Increase overhead</p> <p>Ans: b</p> <div>Marks will be awarded to All</div>

7	<p>Which of the following is/are aspect(s) of Resource Management?</p> <ul style="list-style-type: none"> (a) Resource allocation (b) Resource provisioning (c) Resource discovery (d) Resource modeling <p>Ans: a,b,c,d</p>
8	<p>Challenges of resource management is/are</p> <ul style="list-style-type: none"> (a) Memory (b) Storage (c) Workstations (d) None of the above <p>Ans: a,b,c</p>
9	<p>_____ is the negotiation of the resources through an agent to ensure that the necessary resources are available at the right time to complete the objectives.</p> <ul style="list-style-type: none"> (a) Resource estimation (b) Resource brokering (c) Resource scheduling (d) None of the above <p>Ans: b</p>
10	<p>Performance metrics for resource management are</p> <ul style="list-style-type: none"> (a) Ease of deployment (b) QoS (c) Delay (d) None of these <p>Ans: a,b,c</p>