Feedback — Week 4 Quiz

You submitted this quiz on **Sat 18 Apr 2015 12:45 PM PDT**. You got a score of **10.00** out of **10.00**.

Question 1

Which of the following is **not** true about GFS?

Your Answer		Score	Explanation
○ The GFS keeps multiple replicas of the same file chunk.			
○ The file data transfer happens directly between the GFS client and the GFS chunkservers.			
◉ The file data transfer happens directly between the GFS client and the GFS master.	✔	1.00	
Total		1.00 / 1.00	

Question 2

MapReduce allows parallelizing the creation of the inverted index.

Your Answer		Score	Explanation
○ False			
◉ True	✔	1.00	
Total		1.00 / 1.00	

Question 3

In MapReduce, the Reduce function is called for each unique key of the output key-value pairs

from the Map function.

Your Answer	Score	Explanation
○ False		
◉ True	✔ 1.00	
Total	1.00 / 1.00	

Question 4

Which of the following would cause a web page P to have a higher PageRank score?

Your Answer	Score	Explanation
○ Add to page P a link that points to another page Q		
◉ Add to another page Q a link that points to page P	✔ 1.00	
Total	1.00 / 1.00	

Question 5

When using the learning to rank framework for combining multiple features into a ranking function, training data composed of queries and relevance judgments is needed to learn the model parameters.

Your Answer	Score	Explanation
◉ True	✔ 1.00	
○ False		
Total	1.00 / 1.00	

Question 6

Information filtering systems are more suitable to help users satisfy long-term information needs

than short-term ad hoc information needs.

Your Answer		Score	Explanation
⦿ True	✔	1.00	
○ False			
Total		1.00 / 1.00	

Question 7

In content-based filtering, an item is recommended to a user based on whether other "similar" users like the item or not.

Your Answer		Score	Explanation
⦿ False	✔	1.00	
○ True			
Total		1.00 / 1.00	

Question 8

Imagine if the web is fully connected with N pages such that for any pair of pages, P and Q, there exists a link from P to Q, then which of the following is true?

Your Answer		Score	Explanation
○ At least one page will have a PageRank score larger than 1/N.			
○ At least one page will have a PageRank score smaller than 1/N.			
⦿ All the pages will have a PageRank score of 1/N.	✔	1.00	
Total		1.00 / 1.00	

Question 9

The memory-based collaborative filtering algorithm cannot predict the rating of an object that has not received any rating from any user.

Your Answer		Score	Explanation
○ False			
◉ True	✔	1.00	
Total		1.00 / 1.00	

Question 10

Content-based filtering and collaborative filtering can be combined in a recommender system.

Your Answer		Score	Explanation
○ False			
◉ True	✔	1.00	
Total		1.00 / 1.00	