Paper:  
MapReduce: Simplified Data Processing on Large Clusters

Question 1
In your own words, give a brief description of how the map-reduce model works. Use an example such as URL access Frequency and describe the map and reduce functions.

Question 2
In your own words, give a brief description of the architecture for a map-reduce system, and explain how the execution is carried out.

Question 3
How is a worker failure handled in the map-reduce architecture?

Question 4
What is the problem with “stagglers” and how is it handled in the map-reduce architecture?

Question 5
How, do you think, map-reduce approach is used for indexing the web?