CS4508 Cloud-based Software Systems

A. Explain clearly, without technical jargon, what was done in the cloud-based software systems Labs I and II. Use at least one diagram – but not any of the ones you were given. (25)

B. Explain how asynchronous coupling is used in this cloud-based system, and state why it is important. (5)

C. Describe a possible commercial application using an architecture similar to the lab exercise cloud-based architecture. State two advantages of using a cloud-based solution, and state any disadvantages. (10)

CS4508 Big Data Analytics/Hadoop

D. Describe a possible commercial application using the technology employed in the Big Data laboratory, and state two advantages of using a Hadoop-based solution, and state any disadvantages. (10)