**1) Discuss the advantage and disadvantages of cloud based databases. [Hint: chap 6]**

***The Advantages of cloud-based databases are :***

*1. This database is very flexible*

*2. This reduces redundancy.*

*3. This is very safe database*

*4. This has very high and efficient disaster recovery.*

***The Disadvantages of cloud-based databases are :***

*1. There are many system vulnerabilities which are present in this database.*

*2. There is a lot of Connection downtime.*

*3. There is very less control in this database.*

**2) How can the collaboration tools impact the company's IT staffing and resource management ?  [Hint: chap 7]**

*In recent years, the word "collaboration" has been thrown around more than ever before, especially in marketing and other, similar areas of the professional sector. Collaboration tools are indeed one of the most important aspects of any successful business strategy, and the fact is, collaboration means something different for every organization. This depends heavily upon products and services rendered, overarching goals, and more. At its core, collaboration occurs when two or more members of a team work together to solve problems and achieve a common goal.*

***Why collaborate?***

*If we want our business to get the most out of collaboration tools, consider the reasons why we want to introduce collaboration in the first place. There are many benefits that come along with collaboration when successfully pulled-off, including the following:*

* ***Saved time -****Time is of the essence in IT industry, and the more you can save, the better. When employees collaborate with each other, they're saving your organization time by achieving the end goal in a much quicker fashion. Time is money, after all, and the more you can save by embracing collaboration tools, the better.*
* ***Strengthened team relationships -****In many ways, your team is like a family unit. Building effective working relationships between members, then, is important. Collaboration tools are an excellent way for team members to become more comfortable with the concept of working together to reach a common goal. In this way, it serves a dual purpose that can benefit your business.*
* ***Improved project management -****Managing a project or team can be more difficult a process than many people give it credit for. Collaboration tools are a great way to ensure you're getting the most out of your team, as they improve communication and keep easily avoidable mistakes at bay. When people work together, the chances that things will fall through the cracks dissipate immensely.*
* ***Better organization -****It's easy for things to go missing when you're in the middle of a project, which can result in headaches and wasted time. Better organization is something that every company should strive for, even if things are already going well. In many cases, collaboration tools are the best medicine when you're trying to improve organization.*