* **As relate to Liberia, convergence of information technology and communication technology has played some important roles in the in life of Liberians. As an individual in Liberia, the convergence of information technology and communication technology has created an easy access or ways of getting information all over around the world, including other parts of Liberia and communication has been done of a very fast level in both other parts of Liberia and around the world at large. The convergence has also created both positive and negative impacts.**

**For an example of the positive impact, an individual can communicate with a person, get information about the world including others right on his or her phone, computer or other devices with out going out there to gather information, that is, by using the internet, social media, and many more. While examples of the negative impact have to do with the invention of smart phones and other electronic devices. The invention of smart phones or smart phones had caused many youths to be challenged, most especially students of these days. Students don’t really focus on their lessons any more, because of social medias, communication (phone talks) and browsing of the internet for something else apart from their lessons.**

* **As relate to Liberia concerning the hyper connected world’s issues, internet system and GIS system can be set as examples of hyper connected world, while issues faced with are wroser than as compared to other countries around the world. Some of those issues faced with can be consider as poor internet connection, lack of GIS system. The internet connection in Libraria is not too strong as compared to other countries. Through the internet, we can easily have some inter-connectivity with others in different parts of the world including Liberia. But because of the poor internet connection or strength, we can not afford to do so in Libraria easily. The GIS system should have been properly put in place by our government. With the GIS system, all ministries in Libraria should have been inter-connected by using computers and the internet service. The Liberian government lack of strong GIS or GIS system, that is why we don’t have a good system which should have been served as regulation in governing the citizens. Like for example, systems are put in place in other countries, where datas are collected and can be displayed about an individual when he or she does something wrong as citizen or not, but for Liberia it is not. With GIS system, you as a person can use a location map to locate any there that you may want to go, but for Liberia it is not. So now, with the hyper connected world, Liberia is faced with an issue that has to do with poor internet connection or system and with the issue of not having a GIS system put in place.**
* **As relate to Liberia, more increase in the mobile broad-band has to be done by the effort of our government for the benefit of everyone as citizen; like providing strong Internet service, network to all parts of Liberia that may enable every citizen of access to communicate, and be able to do other things easily on the internet. Citizens should at least be given more time on the internet of their data pupurchased. Increase of time on the internet for each data package purchased, increase of more time for voice call package purchased, strong internet system, and low cost of mobile phones price are important increase mobile-band that I think will empower individuals.**

**4. As relate to Liberia, we have two GSM companies(MTN Liberia and Orange Liberia) now in the country operating and providing internet services for the citizens. And the cost of broadband has been\_ for MTN Liberia (data packages has provided data from 50MB to 40GB) for examples: 50MB costs $0.5 with a net duration of 1 day, 500MB costs $1 with the net duration of 1 day, 2MB costs $5 with the net duration of 30 days, 10GB costs $20 with the net duration of 30 days, 20MB costs $40 with the net duration of 30 days, and 40GB costs $60 with the net duration of days. While for Orange Liberia, data packages has provided data from 50MB to 50GB. For examples: data of 50MB costs $0.25 with the net duration of 1 day, 75MB costs $0.25 with the net duration of 1 day, 150MB costs $0.25 with the net duration of 1 day, 1GB costs $0.25 with the net duration of 1 month, 3GB costs $0.25 with the net duration of 1 month, 5GB costs$0.25 with the net duration of 1 month, 10GB costs 0.25 with the net duration of 1 month and followed by some unlimited data packages with the difference in the activation codes of all the above mentioned data packages. But in recent years, there has been increase by the both companies that we have in Liberia.**

**5. Role of in-memory technology and analytics to harness the power of big data. In-memory computing (technology) provides super-fast performance (thousands of times faster) and scale of never-ending quantities of data, and simplifies access to increasing numbers of data sources. By restoring data in RAM and processing it in parallel, it supplies real-time insights that enable businesses to deliver immediate action and response. That which make it ideal for implementation in transactional and analytical applications sharing the same data infrastructure (point-of decision) and transactional analytics guide by real-time analytics (in-process). In-memory computing (technology) is to maintain a competitive edge and meet today’s demands for optimal customer experience, enterprise must deal with the constant upsurge of available data and the never-ending demands for better and fast performance. In-memory analytics helps improve the over all speed of a BI system and provides business-intelligence users with fast answers compared to traditional disk-based business intelligence, especially for queries that take a long time to process in a large data base.**

**6. Role of Real-time analytics\_ refers to immediately gathered and Accessible data, enabling near-instant insights that allows for immediate adjustments improvements and compensations for data received in real-time on web and mobile apps, allowing you to correct errors and capitalize on opportunities. So as relate to Liberia, and if this system is Implemented by our government, this type of analysis will give you the capacity to access data with near-zero latency between data ingestion and processing. Real-time data processing involves continual input, processing and output of data, so organizations can access their data, derive insights, and act immediately. Real-time speed is the single most significant differentiator between a good product and a great one. Real-time data analytics tools enable fast product iteration. By reducing time to insight to and allowing your organization to come to critical product decisions quicker, you’re on your way to a better product-faster than your competition.**

**7**