

## **EJERCICIO N° 5**

**Lea e interprete el siguiente texto y en clase se realizara un cuestionario**

### **THE ROLE OF INFORMATICS IN THE DEVELOPMENT OF SOCIAL NETWORKS AND THEIR IMPACT ON SOCIETY.**

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Informatics, according to Indiana University School of Informatics and Computing is a rapidly developing field that solves the big problems such as privacy, security, healthcare, education, poverty, and challenges in our environment by using computing. Informatics applications are usually computer-based that are enhanced with tools and techniques from fields such as communication, mathematics, multimedia, and human-computer interaction design.

Informatics provides the technologies, best practices and foundations for construction, development, and growth of the world's social networking services, by enabling simultaneous transmission of multimedia content like video conferencing, chatting, photo sharing etc. It tends to reduce costs of communication. It allows its users to store, search through massive amounts of data and also give room for analysis. Informatics has changed the way we interact with the world, and also the way we think and behave.

Today, there are several social networks which are famous around different parts of the World. The most widely used are Facebook, Google+, LinkedIn and Twitter.

Many social networking sites (e.g. Facebook, Google+ and MySpace) allow its users to find and connect with anyone anywhere in the world where there is access to internet.

Despite the usefulness of these networking sites, browsing them can also have its downside. According to Cornell University's Steven Strogatz, *"social media sites can make it more difficult for us to distinguish between the meaningful relationships we foster in the real world, and the numerous casual relationships formed through social media. By focusing so much of our time and psychic energy on these less meaningful relationships, our most important connections, he fears, will weaken"*.

Another threat posed by using social network is Cyber-bullying. Kids are known to be vulnerable to the practice of cyber-bullying in which the perpetrators, anonymously or even posing as friends or relatives, terrorize individuals in front of their peers which can cause deep mental scars. In several cases, cyber bullying has led to suicide. The anonymity offered online can trigger dark impulses that might otherwise be suppressed. We should also not forget that social networking sites encourage people to be more public about their personal lives. Because users of these social platforms don't find it difficult to post intimate details online, they tend to bypass the filters they normally employ when discussing their private lives.

### **Conteste las siguientes preguntas en CASTELLANO:**

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1. What is computer science and what are computer applications based on and how can they be improved?
2. What does information technology provide, what does it allow and what has information technology changed?
3. What do social networks provide?
4. What did Steven Strogatz say about social networking sites?
5. What threat can the use of social networks pose? Expand.