**KCA UNIVERSITY**

**FRANCIS NGUGI**

**20/04744**

## BAC 1101

## COMPUTER ORGANISATION

## AND APPLICATION

## DAY

## 

## 

**QUESTION ONE**

1. **What is the value of the network on a college campus? Consider students, faculty, and staff perspectives.**

Network’s value on a college campus is proportional to the square of the number of nodes in the network in the college.

The end nodes here are the students, faculty, and staff, also computers and servers.

Network is an essential component in successful learnind in a college.

Internet is a facilitator for network effects. It is now cheap to connect users on platforms, here the students, faculty and staff are all catered for as they are connected.

1. **What might be some of the tangible and intangible costs of having the Internet down for three days on a busy college campus?**

**Tangible costs**

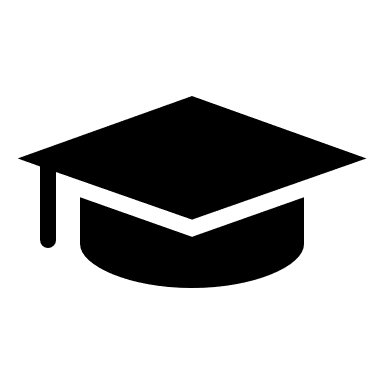
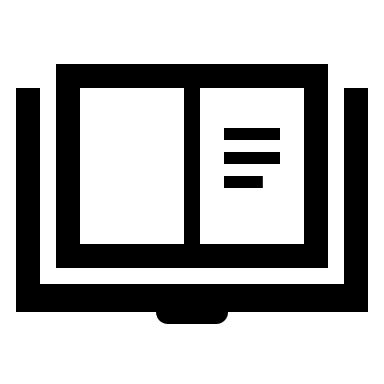
1.Having no internet for three days in the college, technicians are hired to find out the possible course, this incurs costs and that is a tangible cost.

2. Fixing in all the required equipment for the network to work again effectively is another tangible cost.

3. Some items will be purchased, like the intrusion prevention system IPS.

**Intangible**

1. The time taken to learn the possible error is an intangible cost.
2. The students and staff will be unhappy and bored during this time.
3. **What benefits would an intrusion prevention system offer to the end users on campus**
4. Privacy protection.
5. Multiple thread protection.
6. Fewer security incidents.
7. Selective logging.
8. Dynamic threat protection.



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