

Topic 03: IT(Information Technology)

1. Text reading:

IT, or Information Technology, encompasses a vast array of technologies and systems used to manage and process information. From hardware like computers and servers to software applications and networks, IT plays a critical role in almost every aspect of modern life. It enables communication, facilitates data storage and analysis, powers businesses, and drives innovation across industries.

In today's digital age, IT professionals are responsible for designing, implementing, and maintaining technology solutions that meet the needs of organizations and individuals. This includes tasks such as managing cybersecurity measures to protect against cyber threats, developing software applications to streamline business operations, and optimizing network infrastructure for efficient data transmission.

2. Definitions:

process information:

To "process information" means to organize, manipulate, analyze, or transform data in order to derive meaning, make decisions, or perform tasks. It involves various cognitive and computational activities such as sorting, filtering, interpreting, and storing information for further use or action.

cyber threats:

"Cyber threats" refer to malicious activities or actions carried out by individuals or groups with the intent to disrupt, damage, or gain unauthorized access to computer systems, networks, or data.

3. translation:

process information: معالجة المعطيات

cyber threats: التهديدات السيبرانية

Data: البيانات (بالتحديد البيانات المتعلقة بمجال المعلوماتية)

Information Technology: تكنولوجيا المعلومات

Communication Technology: تكنولوجيا الاتصال

software applications: البرمجيات