**Text A.** **Information Systems and Technologies**

Information technology (IT) is the application of computers to store, study, retrieve, transmit, and manipulate data, or information. IT is considered as a subset of information and communications technology (ICT). In 2012, Zippo proposed an ICT hierarchy where each hierarchy level contains some degree of commonality.

The term IT is commonly used as a synonym for computers and computer networks, but it also encompasses other information distribution technologies such as television and telephones.

Humans have been storing, retrieving, manipulating, and communicating information since the Sumerians in Mesopotamia developed writing in about 3000 BC but the term IT in its modern sense first appeared in a 1958 article published in the Harvard Business Review. Definition of IT consists of three categories: techniques for processing, the application of statistical and mathematical methods to decision-making, and the simulation of higher-order thinking through computer programs.

An Information System (IS) is a large umbrella referring to systems designed to create, store, manipulate information. An example of an information system is a pencil and a piece of paper. The two objects themselves are just tools, but together they create a system for writing information. Capabilities of the information system and characteristics of the organization, work systems, people and development methodologies together determine the extent to which that purpose is achieved.

IS and IT course is a broader field that includes computer science course as its main constituent part.

**Перевод тупых слов:**

**Application –применение, приложение, заявление**

**Retrieve – извлекать, возвращать**

**Transmit –передавать**

**Considered-считается**

**Subset-подмножество**

**Commonality-общность**

**Encompasses-охватывает**

**Distribution-распределение, распространение**

**Definition-определение**

**Refer-ссылаться**

**Designed-разработано**

**Capabilities-возможности**

**Determine-определят, устанавливать**

**Extent-степень, размер**

**Purpose-цель, назначение**

**Constituent-составная часть**