IT in present world

I. Read the four texts below and decide if the following sentences are True or False.

1. Information technology cannot help to prevent high school and college dropouts.

   a) True

   b) False

2. Using CAT and MRI scans doctors can create detailed images of our organs, with the usage of computers, what can be helpful to find illnesses that aren't found with other medical tests.

   a) True

   b) False

3. IT is solution to everything, and it is not necessary to learn a lot how to use it.

   a) True

   b) False

4. Such form of communication like video conferencing systems, VoIP, telephones, live texts, and video chat are used very often in modern companies.

   a) True

   b) False

5. Users can use their computers and mobile phones to get account balance or move money across accounts without going to physical bank.

   a) True

   b) False

6. Organizations don't leave digital footprints, so they don't need digital protection.

   a) True

   b) False

7. If you work at desk or coding at home you cannot help in any charitable initiatives.

a) True

b) False

8. High quality photos, audio and video can be compressed 1/10 to 1/100 of original size without losing much quality.

a) True

b) False

9. Retailers cannot keep track of what items are in stock and report the results in real-time on their website.

a) True

b) False

10. Computers aid traffic controllers manage to direct hundreds of planes.

a) True

b) False

II. Read the sentences and match those to appropriate texts form I to IV.

1. In business computers and software are used to ensure that departments run smoothly.

a) text I   b) text II   c) text III   d) text IV

2. Every organization leaves a digital footprint, which means that also need digital protection.

a) text I   b) text II   c) text III   d) text IV

3. IT is a set of tools that can help provide the right information at the right time.

a) text I   b) text II   c) text III   d) text IV

4. IT influences every aspect of society – from family-owned business needing digital protection, to homeless shelters needing a way to streamline their volunteer base.

a) text I   b) text II   c) text III   d) text IV

5. Medical offices can send and receive digital medical information from doctors thanks to IT.

   a) text I   b) text II   c) text III   d) text IV

6. Computer science is a broad academic field that deals with taming complexity in both the real world and the abstract mathematical world.

   a) text I   b) text II   c) text III   d) text IV

7. Banks have facilities like online banking; ATM's and mobile banking services which enable to perform banking needs at any given time of the day.

   a) text I   b) text II   c) text III   d) text IV

8. You may not physically be out in the field rescuing animals, but you may create a platform that allows interactions and adoptions.

   a) text I   b) text II   c) text III   d) text IV

9. Most schools offer on-line classes that can be accessed on computers, laptops, tablets, and mobile phones.

   a) text I   b) text II   c) text III   d) text IV

   We can send emails from our phones, video conference with friends or family and connect with celebrities with a 140-character tweet.

   a) text I   b) text II   c) text III   d) text IV

III. Find in the four text words or phrases that mean:

Text I

1. The ability to do something well - ………………….

2. A small device or machine with a particular purpose - ………………….

3. An exchange or interaction between people; the action of conducting business - ………………….

4. The process of converting information or data into a code, especially to prevent unauthorized access - ………………….

5. A series of actions or steps taken in order to achieve a result; an instance of a program being executed in a multitasking operating system - ………………….

6. The process of obtaining or retrieving information stored in a computer's memory - ………………….

Text III

7. To protect something from harm - ………………….

8. A network of remote servers hosted on the Internet and used to store, manage and process data in place of local servers or personal computers - ………………….

Text IV

9. A process or set of rules to be followed in calculations or other problem-solving operations, especially by a computer - ………………….

10. The practice of creating and understanding codes that keep information secret in computer networks - ………………….

IV. Match the words with the definitions.

1. A cable (set of wires) that carries phone signal under the ground.

2. A request for data or information from a database table or combination of tables.

3. Incorporate some item of data within the body of a web page or other document.

4. Process (an outline image) using color or shading in order to make it appear solid and three-dimensional.

5. A type of cable made from reddish-brown metal used in electronics.

6. Collect related items or content so as to display or link to them.

7. The quality of not being available when needed.

8. Allocate resources, both hardware and software, to each individual workstation, or office location.

9. The Internet bot that systematically browses the World Wide Web, typically for the purpose of Web indexing.

10. To find and get back data or information that has been stored in the memory of a computer.

a) web crawlers

b) render

c) landline

d) retrieve

e) copper wire

f) decentralize

g) query

h) aggregate

i) inaccessibility

j) embed

V. Use the words from the box to complete sentences 1 – 10.

cloud, aggregate, web crawlers, queries, encryption, gadgets,

safeguard, cooper wires, rendered, access

1. Employees send ……………….. to the database and retrieve data.

2. Some companies create services which ……………….. the vulnerable companies.

3. The data is stored in databases and employees ……………….. and share information through computing systems.

4. Using password and ……………….. IT hides our personal digital data, which can be accessed only by companies who have permission.

5. Computers in networks are connected to each other with the usage of ………………... .

6. Companies use ………………... to index and store information about the billions of webpages online.

7. Students can share their work via the ………………... with each other.

8. In modern games 3D effects and high quality graphics are ………………... in real time.

9. People use ………………... like tablet, mobile phones, computers to access their bank accounts.

10. MIS reports summarize or ………………... information to support decision making tasks.

Text I

Text II

Text III

Text IV

To access the texts, please log in to Microsoft 365.