

University of Technology
Computer Science Department
Class: 1st
Time: 3 hrs



Subject: Toefl English
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ملاحظة: الأجابة على ورقة الأسئلة

Q.I: Read the following passages and then answer the questions. [15 mrks]

A. As computers have become powerful tools for the rapid and economic production of pictures, computer graphics has emerged as one of the most rapidly growing fields in computer science. It is used routinely in such diverse areas as business, industry, art, government, education, research, training, and medicine.

One of the initial uses of computer graphics, and ultimately its grater use, has been as an aid to design, generally referred to as computer-aided design (CAD). One of its greatest advantages is that designers can see how an object will look after construction and make changes freely and much more quickly than with hand drafting. For three-dimensional rendering of machine parts, engineers now rely heavily on CAD. Automobile, spacecraft, aerospace, and ship designers use CAD techniques to design vehicles and test their performance. Building designs are also created with computer graphics systems. Architects can design a building layout, create a three-dimensional model, and even go for a simulated "walk" through the rooms or around the outside of the building.

Business graphics is another rapidly growing area of computer graphics, where it is used to create graphs, charts, and cost models to summarize financial, statistical, mathematical, scientific, and economic data. As an educational aid, computer graphics can be used to create weather maps and cartographic materials. Computer art also has creative and commercial art applications, where it is used in advertising, publishing, and film production, particularly for computer animation, which is achieved by a sequential process.

NOW ANSWER THE FOLLOWING [CHOOSE 6 ONLY]

1. What does the passage mainly discuss?
 - a. Routine uses of computers
 - b. Computer graphics applications
 - c. The rapidly growing field of computer science
 - d. Computers as the architects of the future
2. The word "it" in line 3 refers to
 - a. Computer graphics
 - b. Computer science
 - c. Fields
 - d. Computers
3. According to the passage, architects use CAD to
 - a. Inspect buildings
 - b. Create graphs
 - c. Make cartographic materials
 - d. Create three-dimensional models

4. Where in the passage does the author discuss the greatest advantage of computer-aided design?
- Lines 4-8
 - Lines 8-10
 - Lines 14-17
 - Lines 19-22
5. According to the passage, engineers use CAD for
- A simulated "walk" through model rooms
 - Rendering machine parts
 - Making cost models
 - Advertising
6. The word "applications" in line 23 means
- Jobs
 - Uses
 - Creativity
 - Layers
7. Which of the following is NOT mentioned as a use of computer graphics in business?
- Charts
 - Cost models
 - Graphs
 - Hiring

B. In North America there are two forms of bison, the plains bison and the woodland bison. The plains bison once ranged from Pennsylvania and Georgia to the Rockies, north to the edge of the Canadian forests, and south onto the central plateau of Mexico. The bison has a great tolerance to cold. When blizzards rage across the North American prairie, bison lower their heads and face directly into the storm. In winter the vegetation on which these animals feed may be hidden beneath a thick blanket of snow; however, this does not present a problem, for the bison use their hooves and massive heads to clear away the snow and then feed on the grasses below. Bison are strong survivors and have few predators except for humans, who reduced their population to the point at which, around 1900, there were fewer than a thousand plains bison left. However, with protection and careful breeding they have been brought back to the point where their numbers can be multiplied at will. Large herds presently range on both government and private lands where they are protected. Other endangered species need the same planning and protection.

NOW ANSWER THE FOLLOWING [CHOOSE 9 ONLY]

- The author's main purpose in the passage is
 - To spread awareness that the bison is near extinction
 - To show the difference between the plains bison and woodland bison
 - To explain how the bison finds food after a heavy snowfall
 - To provide an example of an endangered species avoiding extinction
- In line 14 the word "their" refers to
 - Numbers
 - Predators
 - Humans
 - Plains bison

3. The passage supports which of the following conclusions?
 - a. Bison will eventually be extinct
 - b. Bison are more fragile than they appear
 - c. The bison population can be controlled
 - d. Bison were native to a limited territory
4. According to the passage, where would bison be found during a severe winter storm?
 - a. Seeking shelter behind boulders
 - b. In the open
 - c. In caves
 - d. Behind trees
5. The word "range" as used in line 14 means to
 - a. Surround
 - b. Move about
 - c. Cook on a stove
 - d. Drive a long distance
6. The word "tolerance" in line 4 is closest in meaning to
 - a. Endurance
 - b. Fondness
 - c. Phobia
 - d. Superiority
7. The word "breeding" in line 13 is closest in meaning to
 - a. Saving
 - b. Finding
 - c. Mating
 - d. Keeping
8. The word "endangered" in line 16 can best be replaced by
 - a. Dangerous
 - b. Threatened
 - c. Rare
 - d. Extinct
9. As used in line 14, the phrase "at will" means
 - a. By force
 - b. In captivity
 - c. More frequently
 - d. Whenever necessary
10. Where in the passage does the author mention who was responsible for bison becoming an endangered species?
 - a. Line 2
 - b. Line 6
 - c. Line 11
 - d. Lines 15-16
11. According to the passage, all of the following are true EXCEPT
 - a. Some bison live on government land
 - b. Bison can survive heavy snowstorms
 - c. Bison are primarily vegetarian
 - d. The woodland bison has become extinct

Q.II: Choose the word or phrase that will correctly complete the statement.

Choose 15 only. [15mrks]

1. Margaret feels alone, as she has neither a brother _____ sister.
A. nor a
B. with its
C. or its
D. and a
2. Sun rays may be _____ helpful, providing the human body with warmth, energy and vitamins, and harmful, bringing burns and pain.
A. both
B. as well as
C. but also
D. either
3. Disappointingly, many software companies have discovered a limited audience for _____ from the couch.
A. Web surfing
B. Web to surf
C. to Web surf
D. Web surfs
4. Examples of selective use _____ are found in commercial leaf removal prior to harvest in the cotton and sugar beet industries.
A. of defoliant
B. by defoliant
C. in defoliant
D. through defoliant
5. I couldn't tell him _____.
A. where was I
B. where I was
C. where am I
D. I was where
6. I realized that _____.
A. that she even spoke to her ex-boyfriend
B. She spoke to her ex-boyfriend
C. She spoke to her ex-boyfriend that
D. did she speak to her boyfriend
7. Virtually all doctors agree _____ a second diagnosis in the event of a potentially major disease.
A. that patients should seek
B. patients should be sought
C. patients they seek
D. patients that should seek
8. Not all currencies that are brokered on the world's major stock exchanges _____ enough to generate windfall profits for the everyday investor.
A. valued
B. to be valuable
C. of value
D. are valuable

9. In Europe, a definite system of locating the annual cuttings _____ in the management of communal and government forests because under this system the forests can be so organized that an approximately equal yield is secured each year.

- A. is extensively used
- B. extensively uses
- C. has extensively used
- D. will have extensively used

10. Unless an observer knows _____ an eclipse properly, severe retinal and cornea damage can result.

- A. to observing
- B. how observing
- C. how to observe
- D. to have observed

11. In the XXI century population on the Earth _____ to increase.

- A. continuing
- B. which continue
- C. continues
- D. that it has continued

12. Numerous performances of Mozart's operas _____ in Austria long before the beginning of the 19th century.

- A. perform
- B. had been performed
- C. had performed
- D. were performing

13. _____ of Willa Catha present an unadorned picture of life on the prairies of the Midwestern United States during the 19th century.

- A. The stories who
- B. That the novels
- C. The novels which
- D. The novels

14. By the time of the appearance of "Paulus", _____ was widely recognized as the most famous living composer.

- A. it was Felix Mendelssohn
- B. Felix Mendelssohn who
- C. Felix Mendelssohn
- D. Felix Mendelssohn whom

15. One of the least effective ways of storing information is learning _____ it.

- A. how repeat
- B. repeating
- C. to repeat
- D. repeat

16. That dress is new, -----?

- A. isn't it?
- B. aren't they
- C. doesn't it
- D. won't it

17. She would never ----- if she hadn't changed jobs.

- A. had been promoted
- B. have been promoted
- C. have promoted
- D. had promoted

18. The meeting was held -----.

- A. on Tuesday
- B. in Tuesday
- C. at Tuesday
- D. with Tuesday

Q.III: From the four underlined words or phrases, draw a circle around the *one* that is not correct. Choose **15** only. [15 mrks]

1. Having weekly family talks can be an important means of exploring sensitive family issues, redefining sibling relationships, and to foster new familial bonds.
2. The dependence of killer whale offspring in their mothers can be seen by the fact that they remain togetherfor life.
3. The first agricultural universities in the United States are established according to a special act of Congress passed on July 2, 1862.
4. A newest computer programs contain graphicswhich once could only be imagined.
5. The sum of an atomic weights of the atoms in a molecule is called its molecular weight.
6. The gravitational interplayin the atmosphere of Jupiter is intriguing because of the presence of so many moon.
7. A group ofcompound with the empirical formula of C_nH_{2n+2} , paraffins vary from colorless gases to water-white liquids.
8. Thomas Jefferson was a magnificent writer as well anoted scholar in the area of languages.
9. For manyyears, large importations of grafted persimmontrees from Japanwas made by commercial nurseries.
10. Yolo County, located in the central valley of California, has asit's capital, Woodland, a city of 75,000 inhabitants.
11. Patientssuffering from Alzheimer diseaseoften do not know who are they.
12. A pocket calculator is useful for to compute difficult mathematicalfunctions in algebra, trigonometry, geometry, and calculus.
13. The bear, a meat-eaten land animal is generally peaceable if it and its young are left undisturbed.
14. At present, advertising is one of the most strictly regulated industry in the united states.
15. Compared with the number of paid holidays enjoyed by most employees in the company, three weeks of vacationseem generous.
16. Much changes that the earth undergoes are so slow that they are hardly noticed.
17. Since even the gentlest pet may bit when it is in pain, it is muzzle an injured animal by wrapping a soft cloth around its jaws.
18. Many commuters have recentlybeganto choose ride-sharing over independent travel because of the friendships that they can make.

Q.IV: Write (T) if the statement is true and (F) if the statement is false. [choose 10 only] [10 mrks]

1. When a gerund is the subject of the sentence, the verb is plural. []
2. Compound nouns are two nouns used together to make one word or idea. []
3. Object pronouns are used after **as** and **then**. []
4. **It** shows that something or someone exists at a special time or place. []
5. The future continuous tense is used for an action that will be continuing at a particular time in the future. []
6. The preposition **on** is used with dates and parts of the day. []
7. **Whether** and **if** are used when a statement is changed into a noun clause. []
8. **An** is used before a word that begins with a vowel letter. []
9. The verb **postpone** takes a gerund as an object. []
10. We use **the** before names of continents. []
11. We can turn all tenses into the passive voice. []
12. The adjective **strange** takes an infinitive after it. []

1.

Q.V: Translate the following: [15 mrks]

The word "olympic" comes from the name of the town Olympia in Greece, where the ancient Olympic Games were always held. The first recorded Olympic Games were held in 776 B.C.; the Games took place every fourth year after that date until they were abolished by a Roman emperor in A.D. 394.

It was not until 1875, when archeologists discovered the ruins of the Olympic Stadium in Greece, that interest in the Games was renewed. Baron Pierre de Coubertin, a French scholar and educator, proposed that the Games should be revived as an international competition to encourage both sport and world peace.

The first modern Olympic Games were held in Athens in 1896. Like their classical predecessors, the athletes were men only; women were admitted to the Games in 1900. Since that time, the Games have been held at four-year intervals as in ancient Greece. However, since de Coubertin's dream of world peace has not been realized, the two World Wars prevented those of 1916, 1940, and 1944 from being held.

GOOD LUCK