



B

Please answer all of the following questions in the answer sheet. (Total marks: 50)

Section One: Structure , language and Writing Skills:

I- Define the type of the mistake in each sentence of the following and suggest a correction.

1. Psychiatry is the science of study psychiatric.
2. Theology is science like Judaism.
3. A college is where students receive higher or professional education.
4. Steel is an alloy.
5. A professor works in a university

II- Write down full definitions for Only Five of the following engineering terms

- Vector
- Circuit Card Assembly
- Ergonomics
- Mitigation
- Luminous Intensity
- Universal Accounting Equation
- Trebuchet

III- write a well-prepared essay about Only One of the following topics:

- What are the long-term effects of living in a technological world? Are these mostly negative or positive?
- What are new ways people can use technology to change the world?
- How do social media, texting, cell phones, and the Internet make the world bigger? Smaller?

IV- Decide the type of the following sentences by choosing a, b, c, or d:

1. When will tomorrow morning's band rehearsal begin
 - a. declarative sentence
 - b. exclamatory sentence
 - c. interrogative sentence
 - d. imperative sentence
2. Always read the safety instructions before using a new power tool
 - a. sentence fragment
 - b. exclamatory sentence
 - c. interrogative sentence
 - d. imperative sentence
3. Having spent over two hours working on her dance routine
 - a. declarative sentence
 - b. exclamatory sentence
 - c. sentence fragment
 - d. imperative sentence
4. The local wildlife refuge is home to over seventy species of birds
 - a. declarative sentence
 - b. exclamatory sentence
 - c. interrogative sentence
 - d. imperative sentence
5. That was a fabulous party
 - a. sentence fragment
 - b. exclamatory sentence
 - c. interrogative sentence
 - d. imperative sentence
6. Jazz is the greatest American musical form, and Duke Ellington is its greatest genius.
 - a. compound – complex sentence
 - b. compound sentence
 - c. complex sentence
 - d. run-on sentence
7. Although young women want to participate in sports as much as young men, women's sports often don't receive equal funding from colleges.
 - a. simple sentence
 - b. compound sentence
 - c. complex sentence
 - d. run-on sentence
8. The tallest mountain in Africa, Mount Kilimanjaro is the subject of a stunning new IMAX® documentary film.
 - a. simple sentence
 - b. compound sentence
 - c. run-on sentence
 - d. complex sentence
9. The author Mark Twain was fascinated by technology, he was the first writer ever to deliver a typed manuscript to his publisher.
 - a. simple sentence
 - b. compound sentence
 - c. complex sentence
 - d. run-on sentence
10. When I visited California last summer, I spent one week in San Francisco, and I visited the nearby Napa Valley with my cousin.
 - a. compound – complex sentence
 - b. compound sentence
 - c. complex sentence
 - d. run-on sentence

Section Two: Reading Skills

Read the passage and answer the questions that follow: (Passage 1)

Precipitation, commonly referred to as rainfall, is a measure of the quantity of water in the form of either rain, hail, or snow which reaches the ground. The average annual precipitation over the whole of the United States is thirty-six inches. It should be understood however, that a foot of snow is not equal to a foot of precipitation. A general formula for computing the precipitation of snowfall is that ten inches of snow is equal to one inch of precipitation.

In New York State, for example, twenty inches of snow in one year would be recorded as only two inches of precipitation. Forty inches of rain would be recorded as forty inches of precipitation. The total annual precipitation would be recorded as forty-two inches.

The amount of precipitation is a combined result of several factors, including location, altitude, *proximity to* the sea, and the direction of prevailing winds. Most of the precipitation in the United States is brought originally by prevailing winds from the Pacific Ocean, the Gulf of Mexico, the Atlantic Ocean, and the Great Lakes. Because these prevailing winds generally come from the West, the Pacific Coast receives more annual precipitation than the Atlantic Coast. Along the Pacific Coast itself, however, altitude causes some diversity in rain-fall. The mountain ranges of the United States, especially the Rocky Mountain Range and the Appalachian Mountain Range, influence the amount of precipitation in their areas. East of the Rocky Mountains, the annual precipitation decreases *substantially* from that west of the Rocky Mountains. The precipitation north of the Appalachian Mountains is about 40 percent less than *that* south of the Appalachian Mountains.

1. What does this passage mainly discuss?
 - (A) Precipitation
 - (B) Snowfall
 - (C) New York State
 - (D) A general formula
2. Which word that is often used in place of **precipitation**?
 - (A) Humidity
 - (B) Wetness
 - (C) Rainfall
 - (D) Rain-snow
3. The term *precipitation* includes
 - (A) only rainfall
 - (B) rain, hail, and snow
 - (C) rain, snow, and humidity
 - (D) rain, hail, and humidity
4. What is the average annual rainfall in inches in the United States?
 - (A) Thirty-six inches
 - (B) Thirty-eight inches
 - (C) Forty inches
 - (D) Forty-two inches
5. If a state has 40 inches of snow in a year, by how much does this increase the annual precipitation?
 - A) By two feet
 - B) By four inches
 - C) By four feet
 - D) By 40 inches
6. The phrase "proximity to" in line 10 is closest in meaning to
 - (A) communication with
 - (B) dependence on
 - (C) nearness to
 - (D) similarity to
7. Where is the annual precipitation highest?
 - (A) The Atlantic Coast
 - (B) The Great Lakes
 - (C) The Gulf of Mexico
 - (D) The Pacific Coast
8. The word "that" in line 17 refers to
 - (A) decreases
 - (B) precipitation
 - (C) areas
 - (D) mountain ranges
9. The word "substantially" means
 - (A) fundamentally
 - (B) slightly
 - (C) completely
 - (D) apparently
10. Which of the following was NOT mentioned as a factor in determining the amount of precipitation that an area will receive?
 - (A) Mountains
 - (B) Latitude
 - (C) The sea
 - (D) Wind

(Passage 2)

Course numbers are an indication of which courses are open to various categories of students at the University. Undergraduate courses with the numbers 100 or 200 are generally introductory courses appropriate for freshmen or sophomores, whereas courses with the numbers 300 or 400 often have *prerequisites* and are open to juniors and seniors only. Courses with the numbers 800 or above are open only to graduate students. Certain graduate courses, generally *those* devoted to introductory material, are numbered 400 for undergraduate students who qualify to take them and 600 for graduate students. Courses designed for students seeking a professional degree carry a 500 number for undergraduate students and a 700 number for graduate students. Courses numbered 99 or below are special interest courses that do not carry academic credit. If students elect to take a special interest course, it will not count toward the number of hours needed to complete graduation requirements. A full-time undergraduate student is expected to take courses that total twelve to eighteen credit hours.

A full-time graduate student is expected to take courses that total ten to sixteen credit hours. Students holding assistantships are expected to enroll for proportionately fewer hours. A part-time graduate student may register for a minimum of three credit hours. An overload, that is, more than the maximum number of hours, may be taken with the approval of an academic advisor. To register for an overload, students must submit the appropriate approval form when registering. Overloads above 24 hours will not be approved **under any circumstances**.

11. Where would this passage most likely be found?

- (A) In a syllabus
- (B) In a college catalog
- (C) In an undergraduate course
- (D) In a graduate course

12. What is the purpose of the passage?

- (A) To inform
- (B) To persuade
- (C) To criticize
- (D) To apologize

13. The word "prerequisites" in line 3 is closest in meaning to

- (A) courses required before enrolling
- (B) courses needed for graduation
- (C) courses that include additional charges
- (D) courses that do not carry academic credit

14. The word "those" in line 5 refers to

- (A) graduate students
- (B) graduate courses
- (C) introductory courses
- (D) course numbers

15. Which classification of students would be eligible to enroll in Mechanical Engineering 850?

- (A) A graduate student
- (B) A part-time student
- (C) A full-time student
- (D) An undergraduate student

16. If an undergraduate student uses the number 520 to register for an accounting course, what number would a graduate student probably use to register for the same course?

- (A) Accounting 520
- (B) Accounting 620
- (C) Accounting 720
- (D) Accounting 820

17. How is a student who registers for eight credit hours classified?

- (A) Full-time student
- (B) Graduate student
- (C) Part-time student
- (D) Non-degree student

18. Which of the following courses would not be included in the list of courses for graduation?

- (A) English 90
- (B) English 100
- (C) English 300
- (D) English 400

19. A graduate student may NOT

- (A) enroll in a course numbered 610
- (B) register for only one one-hour course
- (C) register for courses if he has an assistantship
- (D) enroll in an introductory course

20. The phrase "under any circumstances" in lines 16 is closest in meaning to

- (A) without cause
- (B) without permission
- (C) without exception
- (D) without a good reason

B

(I)

(1) Omitting Parts of definition

Psychiatry is the science in which we study Psychiatric.

(2) Giving Example instead of definition

Suggested correction :-

Theology is a science in which we study Theologic.

(3) Omitting Parts of definition

Suggested correction :-

A college is the place where students receive higher or
Professional education.

4- Omitting Parts of definition.

Suggested correction :-

steel is an alloy which is formed by mixing Iron and Carbon.

[5] Omitting Parts of definition

Suggested correction :-

A Professor is the Person who works in a university.

(II)

vector :-

vector is a DNA molecule that is used to transfer genetic material from one cell to another.

Circuit Card Assembly :-

circuit card assembly is a card with all components installed which can be used to perform a variety of tasks in an electrical equipment.

Ergonomics :-

Ergonomics is the science of designing equipment and workspaces that benefit and aid the worker.

Mitigation :-

Mitigation is the process of limiting the harmful

effects of the activities on the environment.

Luminous Intensity :-

Luminous Intensity measures the power

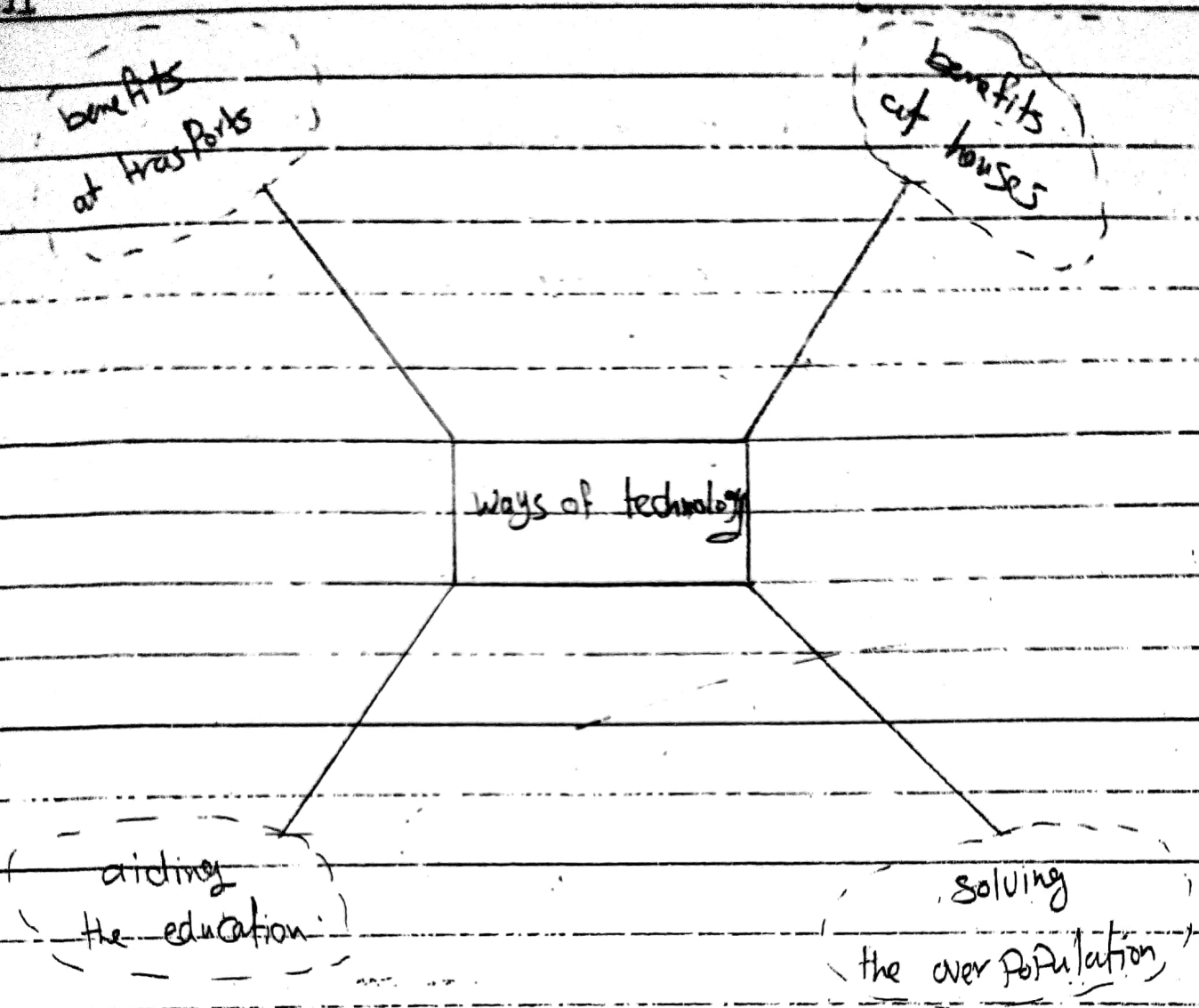
light the human eye perceive being emitted in a direction.

Trebuchet :-

Trebuchet is a weapon that was popular during

the middle ages. It is often used to launch rock or other items

into the walls of a fort or a castle of the attacked enemy.



New ways of using technology

There are a variety of ways to use technology in our
in several fields. These ways make our life better and help
reducing our problems.

First, the new ways that benefit the transport. Developers are
developing a new ways that may solve problems at streets such
the train that replace the bus, and it's much higher than any
else so cars can be under it.

In house, they tend to do robot that can cook, or clean
That robot will greatly help the woman.

We can also use the technology in education to help students
by studying at their own houses.

We also can use technology to reclaim the desert so that
can solve the overpopulation problem.

These examples are like a drop in a sea of technology that
can change our world.

(IV)

① C

② D

③ C

④ A

⑤ B

⑥ B

⑦ C

⑧ A

⑨ d

⑩ A

Passage II :-

① A

② C

③ B

④ A

⑤ B

⑥ C

⑦ D

⑧ B

⑨ A

⑩ B

Passage 2

11 B

12 A

13 A

14 B

15 A

16 C

17 C

18 A

19 B

20 B