



National University of Computer & Emerging Sciences, Karachi  
Fall 2023, CS-Department  
Final Examination



20<sup>th</sup> December, 2023; 9:00 am to 11:00 am

Course Code: SS1012	Course Name: Functional English
Instructor Name: Nazia Imam, Sameera Sultan, Sabeen Amjad, Huma Hafeez, & Sharmeen Ismail	
Student Roll No:	Section No:

**Instructions:**

- Return the question paper. ANSWER ALL THE QUESTIONS IN THE ANSWER COPY.
- Write only the answers in your answer copy after putting the correct question number.
- This question paper has 3 pages and 3 questions.

*Time: 2 hour*

*Max Marks: 48*

**Q1(CLO1)**

**Write a problem solution essay on any one of the following topics. [25]**

1. Many people have problems managing their money. What skills/strategies does a person need to manage their money well? Propose two separate skills/strategies for effective financial management. Address the issue at the individual's level.
2. How can the city of Karachi address and mitigate its persistent traffic problems to ensure smoother mobility, reduce congestions, and enhance overall urban transportation efficiency? Suggest two solutions in your essay.

**OR**

**Write a persuasive essay on any one of the following topics. [25]**

1. Mental health awareness should be a compulsory part of the school curriculum. Do you agree or disagree? Defend your position in the essay.
2. The 21<sup>st</sup> century is hailed as the age of information and technology and all those born in this century are termed as "the digital natives". Hence, many people have come to believe that the government should allocate more funding to teaching sciences especially engineering disciplines rather than other subjects in order for a country to develop and progress. Do you agree with this opinion or not? Defend position in the essay.

**OR**

**Write a comparison and contrast essay on any one of the following topics. [25]**

1. Facebook and Instagram
2. Role of Parents and Teachers in One's Success

**NOTE: You have to write a single essay. You have a choice among three essay types. You also have a choice between two topics for each essay type. Write all the paragraphs that are a part of a standard academic essay. Remember, the body paragraphs must contain at least 2 main points and one supporting detail for each main point in addition to the other important components of the paragraph.**

## Q2 (CLO1)

### A) Read the following and write “F” for fragments and “W” for well-formed sentences. [4]

1. Our instructor seems strict but is actually friendly and helpful.
2. As technological progress is the basis for competitiveness and advancement in the aerospace industry.
3. Hoping to win the concert tickets and please his friends.
4. Science is learning more and more about the versatility of form in dinosaurs with each great find in China, the Americas, Antarctica, and elsewhere.
5. As flooding and other natural disasters become more common because of climate change.
6. The number and intensity of extreme weather events, such as drought and tropical cyclones (hurricanes and typhoons).
7. The origin of the Moon was long a mystery, and, beginning in the 19th century, three competing theories emerged to solve it.
8. As proof, 12% public schools in the 1999-2000 school year, 20% public and private schools in the 2017-18 school year, 23% public and private schools in the 2020-2021 school year.

### B) Correct the fragments in the following paragraphs. Each paragraph contains 2 fragments that need to be revised for clarity. Write the correct version in your answer copy. [4]

1. In the heart of the bustling city, surrounded by skyscrapers and crowded streets. This café served a variety of artisanal coffees and homemade pastries. With a comfortable seating and soft jazz music in the background. It was the perfect spot to unwind after a hectic day.
2. After the long and tiring journey through dense forests and treacherous terrain. The explorers finally reached the summit of the mountain. Sweating and exhausted, but the breathtaking view from the top. Making the arduous climb worthwhile.

### C) Read the following paragraph and write “W” for well-formed sentences and “R” for run-on sentences. In your answer copy, write the correct sentence number and then mention W or R respectively. [3]

[1] In many countries, advertising is the most important source of income for the media in the capitalist world advertising has become a large and important service industry. [2] In the ancient and medieval world, advertising was conducted by word of mouth. [3] The first step toward modern advertising came with the development of printing in the 15th century. [4] In the 17th century, weekly newspapers in London began to carry advertisements, and by the 18th century such advertising was flourishing. [5] Advertising developed in a variety of media perhaps the most basic was the newspaper, offering advertisers large circulations and a readership located close to the advertiser’s place of business. [6] On the other hand, magazines were the other chief print medium, they were aimed at specific audiences.

### D) Correct the following run-on sentences using the method given in the brackets. Write the correct version in your answer copy. [3]

1. Humans have used petroleum (or oil) for thousands of years in medicine and weapons of war the use of this material did not truly surge until the Industrial Revolution (subordinator).
2. NASA’s Artemis space program aims to establish, by 2025, a sustainable presence on the Moon, the program also seeks to land the first woman and first person of color on the Moon. (coordinator).

3. Seasonal influenza, as its name suggests, tends to come and go as the weather changes, influenza viruses circulate year-round, but the number of new influenza cases generally increases in the cooler months. (use a semi-colon)

### Q3 (CLO2)

#### A) Read the following paragraph and answer the questions below. [4]

1) Despite the widespread use of social media, face-to-face communication remains a crucial aspect of interpersonal connections. 2) \_\_\_\_\_. 3) People can express themselves more authentically, and nuances in communication, such as body language and facial expressions, play a significant role. 4) Additionally, real-life interactions foster deeper understanding and empathy, strengthening the bonds between individuals. 5) For example, recently, during a face-to-face conversation with a friend who was going through a difficult time, I could discern the subtle sadness in his eyes and the sincerity in the voice, allowing me to offer genuine support and strengthen our bond in a way that text messages or online communication could not achieve. 6) Studies have also shown that excessive reliance on digital communication can lead to misunderstandings and a sense of disconnection. 7) Furthermore, social media platforms offer various communication tools. 8) Consequently, finding a balance between online and offline communication is essential for maintaining healthy relationships.

- a. Identify the topic sentence and write its sentence number.
- b. Select the most suitable sentence to fill in the blank.
  - i. However, the convenience of online communication cannot be denied.
  - ii. Nevertheless, face-to-face interactions require careful planning.
  - iii. On the contrary, virtual conversations lack the richness of real-life encounters.
  - iv. Furthermore, social media platforms offer various communication tools.
- c. Which sentence provides the personal example of strengthening the bond? Write its number.
- d. Write the sentence number that introduces an irrelevant detail.

#### B) Complete the sentences with the connectors below. Do not repeat a connector used once. Put the correct blank number and write only the answer in your answer copy. [5]

**Therefore, meanwhile, in addition, thus, furthermore**

The CPU is the core component of a computer system; [1]\_\_\_\_\_, it executes instructions stored in the memory. Software development requires a strong understanding of programming languages; [2]\_\_\_\_\_, familiarity with data structures and algorithms is essential for efficient code implementation. Networking protocols facilitate communication between devices; [3]\_\_\_\_\_, the TCP/IP protocol suite is fundamental in enabling internet connectivity. Hardware design involves creating the physical components of a system; [4]\_\_\_\_\_, PCB layout and schematic design are crucial steps in this process. Cybersecurity is critical in safeguarding digital assets; [5]\_\_\_\_\_, implementing encryption techniques adds an extra layer of protection.

-----The End-----