

**END SEMESTER EXAMINATION - MARCH 2026****SEMESTER - 4: ENGLISH II (COMMON COURSE FOR INTEGRATED M.Sc. PROGRAMME  
COMPUTER SCIENCE – DATA SCIENCE)****COURSE: 21UP4CCENG02 - ENGLISH LANGUAGE SKILLS FOR ACADEMIC PURPOSES***(For Regular 2024 Admission and Improvement/Supplementary 2023/2022/2021 Admissions)*

Time : Three Hours

Max. Weightage - 30

**PART A****Answer any 8 Questions**

1. Identify the subordinate clause in the given sentence: I will wait here until you finish your work.
2. Change the sentence into reported speech: The supervisor asked, "Would you mind informing the clients, who were expecting updates today, about the minor delays in the project timeline?"
3. Fill in the blanks with suitable articles:
  - a. \_\_\_\_ Brahmaputra is \_\_\_\_ longest river in India.
  - b. My family is planning \_\_\_\_ European tour.
4. Change the sentence into passive voice: The government should implement stricter environmental laws to reduce pollution and protect natural resources.
5. Use the correct form of the tenses.  
He \_\_\_\_ (revise) the report and \_\_\_\_ (streamline) the presentation.
6. A collection of rare coins \_\_\_\_ (is/are) on display. (Follow the rules of the subject verb agreement).
7. Many of the flowers \_\_\_\_ (is/are) blooming. (Follow the rules of the subject verb agreement).
8. Give the meaning of the phrasal verb "put off" and use it in a sentence.
9. Add prefixes and suffixes to the following words.
  - (a) \_\_\_\_skill
  - (b) adapt\_\_\_\_

10. The following passage has not been edited. Write the incorrect word and give the corrected word as well.
- a. Indira Vashista are a distinguished pilot and inspirational leader known for her courage and vision.
  - b. She has broke barriers in aviation and stood out as one of the few woman pilots in her field.
  - c. In her career she have flown advance aircraft and represented the spirit of perseverance and passion in the aviation community.
  - d) Her dedication to equality, empowerment and professional excellance has earned admiration from peers and young aspirants alike.
  - e) Many young people is inspired by her journey — from facing early challenges to rising confidently in a field dominated by traditions.
  - f) She believes that courage, resilience, and commitment to ones goals is essential for success in life and career.
  - g) Her contributions to aviation, and advocacy for empowering woman have strengthen the visibility of Indian women in global arenas.
  - h) Today she continues to stand as a role model for leadership, determination, and the pursuit of dreams inspiring others to reach for the skies.

**(1 x 8 = 8 Weight)**

**PART-B**  
**Answer any 6 Questions**

- 11. You booked a luxury hotel room, but the facilities were substandard. Write a letter of complaint addressing the hotel management.
- 12. A senior colleague helped you secure an internship or job. Draft a conversation that balances gratitude with professional respect.
- 13. Describe a place where your family gathered highlighting its emotional resonance.
- 14. Draft an email thanking your mentor for guiding you throughout your graduate research.
- 15. Describe the picture given below in about 100 words and give a suitable title.



16. Illustrate the various rules of concord with examples.
17. Summarize the entire reading passage highlighting the central idea and give a suitable title.

Ethical AI is a framework for creating and using artificial intelligence in ways that prioritize human values, social responsibility, and fairness. As AI systems become increasingly integrated into everyday life—from healthcare and finance to law enforcement and education—it becomes essential to ensure that their decisions and actions do not harm individuals or society. Ethical AI emphasizes principles such as transparency, so that the reasoning behind AI decisions is understandable and explainable; fairness, so that AI does not perpetuate biases related to race, gender, socioeconomic status, or other factors; and accountability, so that developers and organizations can be held responsible for the outcomes of AI systems. Privacy and data protection are also central concerns, ensuring that personal information is collected and used in ways that respect individuals' rights. Additionally, ethical AI involves ongoing monitoring, evaluation, and governance to prevent misuse, unintended consequences, or harmful automation. By embedding ethical considerations into every stage of AI development—from design and training to deployment and maintenance—societies can maximize the benefits of AI technologies while

minimizing risks, building public trust, and supporting equitable and sustainable progress. Ethical AI is not just a technical challenge but a societal imperative, demanding collaboration among technologists, policymakers, ethicists, and communities to shape a future where intelligent systems serve humanity responsibly and just.

18. Read the passage titled “The Evolution of Urban Ecosystems” and answer the questions that follow.

Over the past century, urban landscapes around the world have undergone remarkable transformations. Cities, once designed primarily for human habitation and commerce, have increasingly become complex ecosystems in which humans, animals, plants, and even microorganisms interact in intricate and often unexpected ways. The growth of metropolitan areas has not only altered the physical environment but also influenced social structures, economic systems, and cultural practices, making urban studies a multidisciplinary field of inquiry.

One of the most striking features of modern cities is the creation of microhabitats. Parks, green roofs, roadside gardens, and even abandoned lots serve as refuges for a variety of plant and animal species. Studies have documented the presence of foxes in London’s neighborhoods, peregrine falcons nesting on skyscrapers in New York, and pollinating insects thriving on rooftop gardens in Tokyo. These urban wildlife populations exhibit unique behavioral adaptations, often differing significantly from their rural counterparts. For instance, urban birds may sing at higher frequencies to be heard over traffic noise, while raccoons display heightened problem-solving abilities to access human-provided food sources.

Human activity, however, also brings significant challenges to urban ecosystems. Pollution, habitat fragmentation, and artificial lighting disrupt natural processes, affecting migration patterns, reproductive cycles, and food availability. Waterways are often contaminated with industrial runoff, reducing biodiversity and altering aquatic ecosystems. Moreover, the constant human presence can introduce invasive species, which compete with native flora

and fauna, sometimes leading to dramatic ecological shifts. Scientists have noted that cities act as both a catalyst for innovation and a stressor for ecological balance, creating an environment that is both fragile and resilient.

Socioeconomic factors further complicate urban ecological dynamics. Wealthier neighborhoods often have more green spaces and biodiversity, while low-income areas might suffer from “ecological deserts,” where concrete dominates and natural habitats are scarce. This disparity can influence residents’ quality of life, public health, and environmental awareness. Consequently, urban planners and policymakers are increasingly interested in creating equitable green infrastructure—spaces that support biodiversity while offering recreational and psychological benefits to all citizens. Efforts to integrate sustainability into urban development, such as planting street trees, restoring wetlands, and implementing green transportation networks, aim to harmonize human and ecological needs.

The future of urban ecosystems depends largely on the decisions made today. Climate change poses additional risks, including rising temperatures, unpredictable weather patterns, and increased frequency of extreme events like floods and heatwaves. Scientists argue that cities must become adaptive and resilient, employing strategies that promote ecological health alongside human well-being. The study of urban ecosystems, therefore, is not merely academic; it is vital for designing cities that can sustain both people and nature amid the pressures of rapid population growth and environmental change.

- a. What is the primary focus of the passage?
- b. Give two examples of wildlife adapting to urban environments mentioned in the text.
- c. What are some challenges urban ecosystems face due to human activity?
- d. Why do the authors describe cities as “both fragile and resilient”?
- e. What strategies are suggested to improve urban ecological health?

**(2 x 6 = 12 Weight)**

**PART C**

**Answer any one out of 2 Questions**

19. You are Navaneeth/ Navya, a postgraduate with qualifications to apply for the post of Assistant Professor in Computer Science. Write a covering letter and resume addressed to St. Augustine's College, Madurai.
20. You are visiting Banaras Hindu University. Write a conversation in which you ask for directions to the Admissions Desk, meet the Principal to discuss research programs, and talk to a student representative about cultural activities.
- (5 x 1 = 5 Weight)**
21. **Viva-Voce (5 x 1 = 5 Weight)**