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Daffodil International University

Faculty of Science & Information Technology
Department of Computer Science and Engineering
Final Examination, Spring-2025
Course Code: ENG 102 Course Title: Writing and Comprehension
Level: 1 Term: 2 Batch: 67

Time: 2 Hours **Marks: 40**

Answer ALL Questions

[The figures in the right margin indicate the full marks and corresponding course outcomes. All portions of each question must be answered sequentially.]

1.		Reading	1x 20= 20 Marks	CO's
		Reading Passage 1: Read the following passage and answer the following questions		
		URBAN TREES The presence of street trees can dramatically improve urban environments in a variety of ways Street trees are not only a key component of the urban landscape, but also provide numerous environmental, economic and social benefits. Despite this, in many towns and cities, they are frequently seen as a problem, and in recent years, large numbers have been removed or severely cut back. Street trees are trees that are located on public land along streets and boulevards, and in parks. They are usually the responsibility of local governments, although in some cases they may be privately owned. In the past, street trees were planted and maintained by local authorities for the public good. However, with the increasing privatisation of public space, the responsibility for street trees has shifted from the public to the private domain, and they are now often seen as a liability. Street trees can make urban areas much more pleasant places in which to live, and there are many studies to show that they are associated with a wide range of benefits. For example, they remove pollutants from the air, provide shade, and reduce the urban heat island effect, which is caused by hard surfaces such as concrete and asphalt storing heat from the sun. They also improve water quality, reduce flooding, and decrease the amount of water that ends up in drainage systems. In addition, they can save energy by shading buildings and reducing the need for air conditioning in summer. Street trees also have significant social benefits. They make streets more pleasant to walk along, and provide shade and shelter for pedestrians. They also act as a buffer between pedestrians and traffic, and reduce traffic noise. In addition, they can provide a sense of place and identity, and improve the quality of life for residents. Studies have shown that street trees can reduce crime, improve mental		CO 1

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health, and increase property values. They can also provide habitat for wildlife, and improve biodiversity in urban areas.

Despite these benefits, street trees are often seen as a problem. One reason for this is that they can cause damage to infrastructure, such as roads, footpaths and underground services. This is often due to the fact that they are planted in small pits with limited space for root growth, which can lead to roots damaging infrastructure as they search for water and nutrients. In addition, street trees can be seen as a nuisance because they drop leaves, fruit and branches, which can be messy and require cleaning up. They can also block light and views, and interfere with overhead wires and signage.

Another reason why street trees are seen as a problem is that they can be expensive to maintain. They require regular pruning to keep them in good condition, and to prevent them from interfering with infrastructure. They also need to be watered, fertilised and protected from pests and diseases. In addition, they can be damaged by vehicles, vandalism and extreme weather events, which can result in costly repairs or replacement.

In recent years, there has been a trend towards removing street trees, or replacing them with smaller, more manageable species. This is often done to reduce maintenance costs, and to prevent damage to infrastructure. However, this can result in a loss of the benefits that street trees provide. In some cases, street trees are replaced with artificial trees, which do not provide the same benefits as real trees.

There are a number of ways in which the benefits of street trees can be maximised, and the problems minimised. One way is to plant the right tree in the right place. This means choosing tree species that are suitable for the local climate, soil and growing conditions, and that will not cause damage to infrastructure. It also means planting trees in locations where they will provide the most benefits, such as along streets with high pedestrian traffic, or in areas with high levels of air pollution.

Another way to maximise the benefits of street trees is to provide them with adequate space and resources to grow. This means planting them in large pits with good quality soil, and providing them with regular watering, fertilising and pruning. It also means protecting them from damage by vehicles, vandalism and extreme weather events.

In conclusion, street trees are a vital component of the urban landscape, and provide numerous environmental, economic and social benefits. However, they are often seen as a problem, and are frequently removed or severely cut back. By planting the right tree in the right place, and providing them with adequate space and resources to grow, the benefits of street trees can be maximised, and the problems minimised.

a) **(Questions 1-4)**

Do the following statements agree with the information given in Reading Passage 1?

For the questions 1 - 4 on your answer sheet, write

TRUE. **if the statement agrees with the information**

FALSE. **if the statement contradicts the information**

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NOT GIVEN **If there is no information on this**

1. Privatization has made it easier for local governments to manage street trees.
2. Street trees can help to make people feel that they are in a unique location.
3. The pits in which street trees are planted are sometimes too small.
4. Street trees need more water in warmer climates.

b) **(Questions 5-10)**

Complete the notes below. Choose ONE WORD ONLY from the passage for each answer. Write your answers in boxes 5-10 on your answer sheet.

Street trees enhance urban areas by offering various ecological, financial, and societal (5) ----------. Over time, the (6) ---------- sector has increasingly taken responsibility for street trees due to the privatization of communal spaces. Materials like asphalt and concrete contribute to the urban heat island phenomenon by absorbing and retaining solar (7) ----------. By improving drainage and filtering pollutants, street trees significantly enhance (8) ---------- quality and mitigate flooding. These trees provide shade, reducing the reliance on artificial (9) ---------- systems during warmer months. Acting as a protective (10) ---------- between pedestrians and moving vehicles, street trees reduce noise and offer a sense of safety.

Reading Passage 2: Read the following passage and answer the following questions

TECHNOLOGY IN EDUCATION: PROS AND CONS

A. Technology has transformed the way we live, work, communicate and play. It is also transforming the way we educate our children. In the past, schools were designed to teach children the skills they would need for a future that would be very similar to the present. However, now that technology is changing so rapidly, it is hard to predict what those skills will be. What we do know is that our students will need to be able to think creatively to find solutions to problems we can't even imagine yet. In order to prepare them for this uncertain future, our schools are increasingly turning to technology in the classroom. But is this a good thing?

B. The benefits of using technology in the classroom are many. For example, technology allows students to personalise their learning. They can work at their own pace, go back to lessons they missed or didn't understand the first time, and get extra practice if they need it. Technology also gives students access to a wide range of information and resources. They can use the Internet to research topics, watch videos, and read books and articles. This can help them to learn more about a subject and develop their understanding of it. Another benefit of technology is that it can help students to develop important skills. For example, using computers and other digital devices can help students to improve their typing and computer skills. These are skills that will be useful to them in their future studies and careers.

C. There are also some potential drawbacks to using technology in the classroom. One concern is that students may become too reliant on technology. If they are used to having everything they need at their fingertips, they may not be able to think for themselves or solve problems independently. Another concern is that students may be distracted by technology. If they are allowed to use their devices in class, they may be tempted to check social media or play games instead of paying attention to the lesson. There is also the risk that students may be exposed

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to inappropriate content online. If they are not supervised, they may come across material that is not suitable for their age group.

D. There are also concerns about the impact of technology on students' health and well-being. Some studies have shown that too much screen time can lead to problems such as eye strain, headaches, and difficulty sleeping. There is also the risk that students may become isolated from their peers if they spend too much time on their devices. They may miss out on important social interactions and opportunities to develop their communication skills. In addition, there is the question of whether technology is actually improving students' learning. Some studies have shown that students who use technology in the classroom do not perform any better than those who do not. In fact, in some cases, they may even do worse. This may be because they are not using the technology effectively, or because they are not being taught how to use it properly.

E. Despite these concerns, many schools are embracing technology and are finding ways to overcome the challenges it presents. One way they are doing this is by using technology to support traditional teaching methods, rather than replacing them. For example, teachers can use interactive whiteboards to display information and engage students in lessons. They can also use online resources to supplement their teaching and provide students with additional practice. Another way schools are overcoming the challenges of technology is by setting clear guidelines for its use. For example, they may have rules about when and how devices can be used in the classroom. They may also have policies in place to protect students from inappropriate content online.

F. In order to maximise the benefits of technology in the classroom, it is important for teachers to have the right skills and knowledge. They need to be able to use technology effectively and to integrate it into their teaching in a way that enhances students' learning. This means that teachers need to have access to training and professional development opportunities. They also need to be supported by their schools and given the resources they need to use technology effectively. In addition, schools need to have the right infrastructure in place to support the use of technology. This includes having reliable Internet access and the right hardware and software.

G. In conclusion, technology has the potential to transform education and to improve students' learning. However, it is important to recognise that it is not a magic solution to all of the challenges facing education today. In order to make the most of technology in the classroom, it is important to use it effectively and to integrate it into teaching in a way that supports students' learning. This means that teachers need to have the right skills and knowledge, and schools need to have the right infrastructure and support in place.

c) **(Questions 11-14)**

Reading Passage 2 has seven paragraphs, A-G. Which paragraph contains the following information? Write the correct letter, A-G, for 11-14 on your answer sheet.

11. Examples of how technology can be used to help students learn. B
12. The need for teachers to be able to use technology effectively F
13. The possibility of students not being able to think independently C
14. The possibility of students becoming less sociable D

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	d)	**(Questions 15-17)** **Choose the correct letter, A, B, C or D.** **Write the correct letter in boxes 15-17 on your answer sheet.** **15. According to the writer, schools in the past** (a) were not very different from schools today. (b) focused on teaching skills for the future. (c) prepared students for their future lives. (d) taught students how to predict the future. **16. According to the writer, technology allows students to** (a) work in a way that suits them. (b) learn more quickly than in the past. (c) develop better social skills. (d) learn to make better use of their time. **17. According to the writer, some students may do worse than others if** (a) they use technology too much. (b) they are not taught how to use technology. (c)they do not have access to technology. (d) they do not use technology properly.		
	e)	**(Questions 18-20)** **Complete the summary below. Choose ONE WORD ONLY from the passage for each answer. Write your answers in boxes 18-20 on your answer sheet.** OVERCOMING THE CHALLENGES OF TECHNOLOGY Schools are finding ways to overcome the challenges of technology. For example, they are using technology to (18) ---------- rather than replace traditional teaching methods. They are also setting guidelines for the use of technology in the classroom and putting (19) ---------- in place to protect students from inappropriate content. In order to use technology effectively, teachers need to have access to training and (20) ----------They also need to be supported by their schools and given the resources they need to use technology effectively.		
2		**Grammar**	**7x 1 = 7 Marks**	**CO2**
		Correct the following sentences. i. I have stopped to go to the cinema. ii. The gold is a precious metal. iii. The cholera is a dreadful disease. iv. I last night went to the cinema. v. He is better than me. vi. He was deprived from freedom. vii. He asked me what I am doing.		
3.		**Writing**	**1x 13 = 13 Marks**	**CO3**
		Write an essay about the following topic. Many people believe that global environmental problems should be dealt with internationally rather than domestically. What is your opinion? Give reasons for your answer and include any relevant examples from your own knowledge or experience. **Write at least 250 words.**		