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Daffodil International University

Department of Software Engineering
Faculty of Science & Information Technology
Final Examination, Spring 2024
Course Code: ENG-101; Course Title: English-I
Sections & Teachers: All Sections; MA, TA, SE, SR

Time: 2:00 Hrs. **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.]

Read the passage carefully and answer the following questions:

The Importance of Sleep for Cognitive Function

Paragraph 1: Sleep plays a vital role in cognitive function, encompassing processes such as attention, memory, decision-making, and problem-solving. Research suggests that inadequate sleep negatively impacts these cognitive functions, impairing one's ability to concentrate, learn efficiently, and make sound judgments.

Paragraph 2: During sleep, the brain consolidates memories and processes information obtained throughout the day. This consolidation process is essential for transferring short-term memories into long-term storage, aiding in learning and knowledge retention. Furthermore, sleep allows the brain to clear out toxins that accumulate during waking hours, promoting neural health and functioning.

Paragraph 3: Studies have shown that sleep deprivation can have profound effects on cognitive performance. Sleep-deprived individuals often experience decreased attention span, slower reaction times, and impaired decision-making abilities. Chronic sleep deficiency has also been linked to an increased risk of developing neurological disorders such as Alzheimer's disease.

Paragraph 4: Quality sleep is characterized by sufficient duration, uninterrupted cycles of deep and REM (rapid eye movement) sleep, and consistency in sleep-wake schedules. Establishing healthy sleep habits, such as maintaining a relaxing bedtime routine and creating a comfortable sleep environment, can significantly improve cognitive function and overall well-being.

Paragraph 5: In conclusion, prioritizing adequate and quality sleep is crucial for maintaining optimal cognitive function. By understanding the importance of sleep and implementing strategies to enhance sleep quality, individuals can enhance their cognitive abilities, productivity, and overall quality of life.

1.	(a)	**Identify** the number of paragraphs for the following headings. I. Importance of sound sleep for quality life II. Process of shifting memories III. Role of sleep in cognitive function IV. Features of quality sleep V. Effects of sleep deprivation on cognitive performance	[5x1=5]	CLO- 3 *Level- C4*
	(b)	**Select** the correct answer from the given options. I. What is the focus of the reading passage?	[5x1=5]	

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a. The benefits of exercise for cognitive function
b. The importance of sleep for cognitive function
c. Strategies for improving memory retention
d. The impact of diet on brain health

2. What processes does sleep impact, according to the passage?
a. Physical health only
b. Cognitive function only
c. Emotional well-being only
d. Both cognitive function and physical health

3. Which disorder is mentioned as a potential risk of chronic sleep deficiency?
a. Depression b. Parkinson's disease c. Alzheimer's disease d. Anxiety disorder

4. What is one consequence of inadequate sleep mentioned in the passage?
a. Enhanced decision-making abilities
b. Improved concentration
c. Slower reaction times
d. Better memory retention

5. How can individuals improve their cognitive abilities, according to the passage?
a. By reducing sleep duration
b. By prioritizing adequate and quality sleep
c. By consuming caffeine before bedtime
d. By engaging in mentally stimulating activities at night

Read the passage and answer the questions below:

The Life and Work of Vincent van Gogh

Vincent van Gogh was born on 30 March 1853 in Zundert, a village in the southern province of North Brabant, in the Netherlands. He was the second child of a family of six children, born to the Reverend Theodorus van Gogh (1822-1885) and Anna Cornelia Carbentus (1819-1907). The family would often enjoy going for walks, which will have encouraged a love of nature in van Gogh's heart.

Van Gogh did not receive a smooth education. He spent one year at the village school in Zundert, two years at a boarding school in Zevenbergen, and eighteen months at a high school in Tilburg. When he was sixteen, he began working at The Hague gallery of the French art dealers Goupil et Cie., a branch that his uncle Vincent had established. His brother Theo later worked for the same firm. In 1873, the firm transferred Vincent to London, then Paris two years later, where he lost all interest in becoming an art dealer.

Van Gogh then took a post as an unpaid assistant teacher in Ramsgate, England, then found a salaried position at a private school run by a vicar in Isleworth near London. He was allowed to preach at the school and in the surrounding villages, but Vincent was disappointed by the lack of opportunities, and returned to the Netherlands at the end of the year 1876. He now decided to follow in his father's footsteps and become a clergyman. This was yet another inadequate choice for him. Upon advisement from his uncle the minister who helped him prepare for his entrance exam, Van Gogh abandoned the lessons, and after brief training as an evangelist, he went to the Borinage coal-mining region in the south of Belgium, in 1879. He connected with the families and workers, and experienced life as they did, however, he was not able to establish a close-knit community of worshippers. His contract was therefore not renewed, and his parents regarded him as a social failure.

When van Gogh decided to become an artist, there was no obvious indication that he might possess an extraordinary talent. He eventually showed his ability and tendency to choose bold and harmonious colour effects, as well as simple, yet, memorable compositions. To help

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prepare for his new career, Van Gogh went to Brussels to study at the academy, but left after nine months.

In April 1881, Van Gogh went to live with his parents in Etten in North Brabant, where he decided to learn to draw. In the winter of that same year, he moved to The Hague, where he took painting classes from his uncle Anton Mauve. He also continued to practise profusely his drawing skills, sharpening his perspective skills. In 1883, Vincent moved back in with his parents, where he focused on sketching and painting. Most of his subjects were taken from peasant life.

Throughout his life, Van Gogh was inspired by a range of contemporary artists, such as Claude Monet and Paul Cézanne, and truly forged his own unique style. Today, Van Gogh is generally viewed as the greatest Dutch painter after Rembrandt.

	c)	**Trace** the answer to the following questions from the passage. Don't write **more than three words** for each answer. I. Which of his family members was working for Goupil et Cie when he was employed? II. Following his father's career path, what did he intend to become? III. How did his parents perceive him? IV. What was van Gogh's main theme of artistic inspiration? V. Although second to Rembrandt, what is van Gogh's overall reputation today in the art world?	[5x1=5]	
2.	*a)*	**Identify** the errors in the following conditional sentences and correct them. I. If he would have arrived on time, we could have caught the train. II. If they had come earlier, they will meet the manager. III. If he have enough money, he would buy a car. IV. If it will rain, I would take an umbrella. V. I can't sleep at night If I would drink too much coffee.	[5x1=5]	CLO- 1 *Level-C1*
	b)	**Write** the correct form of the verbs in the brackets based on tenses. I. She .....(go) to the market just now. II. Money .....(not grow) on trees. III. He ..... (study) Software Engineering for two years. IV. They ..... (play) soccer in the park last weekend. V. By the time I returned home, he already .....(leave).	[5x1=5]	
3.	*a)*	Your classmate has written a letter asking for recommendations regarding a tour that his/her cousins will be making to your area next week. **Compose** a letter to your friend. In your letter, - recommend an area where they can stay - suggest the spots they can visit - offer to do something with them	[7]	CLO- 4 *Level-C3*
	b)	**Construct** an essay on any one of the following topics: 1. Water pollution in Bangladesh 2. Should parents limit screen time for kids?	[8]	

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