

DEVOIR DE FIN DE SEMESTRE N°2

1- Amanda MorningStar has watched her children struggle with mental health issues including suicidal thoughts. She often wonders why. "We're family-oriented and we do stuff together. I had healthy pregnancies. We're very protective of our kids," said MorningStar, who lives in Heart Butte, Montana, a town of about 600 residents on the Blackfeet Indian Reservation.

2- Yet, despite her best efforts, her family faces a grim reality that touches Native American communities nationwide. About a year ago, her 15-year-old son, Ben, was so grief-stricken over his cousin's and two classmates' suicides that he tried to kill himself. "Their deaths made me feel like part of me was not here. I was gone. I was lost," said Ben MorningStar. He spent more than a week in an in-patient mental health unit; but once home, he was offered sparse mental health resources. His twice-a-month, 15-minute virtual telehealth behavioral therapy visits from the federal Indian Health Service were recently reduced to once a month.

3- Non-Hispanic Indigenous people in the United States die by suicide at higher rates than any other racial or ethnic group, according to the Centers for Disease Control and Prevention. The suicide rate among Montana's Native American youth is more than five times the statewide rate for the same age group. Montana was ranked third-worst among states for suicide deaths in 2020; and 10% of all suicides in the state from 2017 through 2021 were among Native Americans, even though they represent only 6.5% of the state's population.

4- Despite decades of research into suicide prevention, suicide rates among these Non-Hispanic Indigenous people have remained stubbornly high. Experts say that is because the national strategy for suicide prevention is not culturally relevant or compatible with Native American communities' unique value systems. "It is not clear that the creation of the national strategy has Indigenous voices informing the priorities," said Mary Cwik, a psychologist and senior scientist at the Center for Indigenous Health.

5- Teresa Brockie, an associate professor at Johns Hopkins School of Nursing, is one of a small but growing number of researchers, many of whom are Indigenous, who study suicide prevention and intervention strategies that respect Indigenous beliefs and customs. Those strategies include smudging — the practice of burning medicinal plants to cleanse and connect people with their creator. Without this understanding, research is hampered because people in tribal communities have "universal mistrust of health care and other colonized systems that have not been helpful to our people or proven to be supportive," said Brockie.

6- The cause of high suicide rates in indigenous communities is complex. Native Americans often live with the weight of more adverse childhood experiences than other populations — things such as emotional, physical and sexual abuse, mental illness, parental separation, incarceration, and poverty. Those adverse experiences stack upon intergenerational trauma caused by racial discrimination, colonization, and forced relocation. It's like "adding fuel to the fire."

7- Systemic issues and structural inequities, including underfunded and under-resourced services from the federal Indian Health Service, also hamper suicide prevention in Indigenous communities. Stephen O'Connor, who leads the suicide prevention research program at the National Institute of Mental Health (NIMH), said, "Given the crisis of suicide in Native American populations, we need more funding for research in this area." Officials at the NIMH said they continued to build research partnerships with tribal nations and that they had recently launched new grants and multiple suicide prevention and intervention strategies as well as projects that are culturally informed and

evidence-based to reduce suicide in tribal communities. Those projects aim to reduce suicide risk by working on strengthening children's tribal identity, connectivity, and spirituality. Experts say the kinds of strategies best suited to prevent suicide among Native Americans should deliver services that reflect their diversity, traditions, and cultural as well as language needs.

8- That is what Robert Coberly, 44, was searching for when he needed help. Coberly began having suicidal thoughts at 10 years old. "I was scared to live and scared to die. I just didn't care," he said. After a stay at a rehabilitation center, Coberly remained stable. Years later, though, his suicidal thoughts came rushing back when one of his children died. He sought treatment at a behavioral health center where some of the therapists were indigenous. They blended Western methodologies with Indigenous customs, which "I was craving and what I needed", he admitted. "I wanted someone to hear me and talk to," said Coberly.

9- Amanda MorningStar said she still worried about her son night and day, but he tries to reassure her. Ben MorningStar said he was doing better. He now knows not to isolate himself when problems occur and that "it is OK to cry, and I got friends I can go to when I have a bad day. Friends are better than anything," he said. He thinks that "every cloud has a silver lining". "I go to sleep and wake up the next day to keep it going," Ben said. "I only get one chance. I might as well make the best of it."

Adapted from CNN News January 26, 2024

PART ONE: READING COMPREHENSION (30pts)

Question 1: The following statements are FALSE. Correct them with details from the text.

- a- Thanks to her family connectedness, Amanda's children enjoy a good mental health and sound character.
- b- Committing suicide among young people in Montana is less prevalent than in other racial communities throughout the United States.
- c- Due to continuous national intervention to address the increasing suicide phenomenon in the midst of indigenous populations, the suicide rates have swiftly dropped.

Question 2: Complete the paragraph on the answer sheets with details from the text.

Question 3: Answer the following questions.

- a- Why have high suicide rates among Non-Hispanic indigenous people in the United States persisted in spite of the efforts to prevent this phenomenon?
- b- How can a well-funded program effectively address the suicide crisis within tribal American communities?

Question 4: Complete the flow chart on the answer sheet with details from the text.

Question 5: Pick out from the article details justifying that Ben MorningStar has been able to maintain a positive outlook after his suicidal attempt.

Question 6: Find in the text expressions which reflect the FEELINGS of loneliness, powerlessness, anxiety and fear exhibited by Native Americans.

Question 7: Choose the correct alternative.

- a- "adding fuel to the fire." (& 6) means :

- * Without being hopeful and conscious, you cannot think or behave properly.
- * Difficult problems can be resolved in times of anxiety and passion.
- * A bad or miserable situation can be made even worse by anger, hostility or tension.

b- "every cloud has a silver lining" (&7) conveys the idea that.

* In every crucial moment, the ability of keeping cool and confident enables a person to control his feelings and behaviour.

* Every difficult or unpleasant situation has a comforting or more hopeful aspect, even though this may not be immediately apparent.

* In tough times, individuals who stand together are able to overcome any obstacle immediately.

Question 8: Find in the text words that have approximately the same meaning as:

a- limited (&2)

b- restricted (&5)

Question 9: What do the underlined words in the text refer to?

a- Their (&2)

b- this area (&7)

c- which (&8)

Question 10: Select the TWO most suitable ideas to the text.

a- Unresolved problems within Indigenous people may create an accumulation of social and political unrest.

b- Indigenous American teenagers suffering cultural denial may be predisposed to suicidal behavior.

c- Elderly suicide attempters perceived their problem as solvable and easily approached

d- Tribal communities are not fairly supplied with enough funds and resources for healthcare services which are not widely trusted by them.

PART TWO: LANGUAGE TASKS.

Question 11: Rewrite the following paragraph using the passive voice.

[a] Scientists must carefully test and analyze biotechnology innovations [b] before releasing them for general use. Clinical trials and government regulations help ensure that biotechnology products placed on the market are safe and effective. However, [c] sometimes companies and government agencies reconsider the safety or utility of an innovation. This has happened before and [d] they have withdrawn some medications from the market.

Question 12: Put the words between brackets in the correct form.

Globalization results in the interconnectedness of nations through trade, technology, and cultural exchange. It has [a] (systematic) reshaped the world, [b] (enable) the free flow of goods and information. It fosters [c] (economy) growth and cultural [d] (diverse). However, it also raises challenges such as income inequality and cultural homogenization.

Question 13: Put the verbs between brackets in the correct tense.

Knowledge of biotechnology dates back to the start of human civilization. Over the years, ever increasing demand of food due to rapid increase in population [a] (always / be) among one of the biggest challenges for human race. Biotechnology [b] (currently / play) a key role in introducing genetically improved organisms that have high production, disease resistance and improved nutritious values. Presently, biotechnology [c] (have) wider scopes and [d] (lead) most fields of science and technology in the upcoming years.

Question 14: Find antonyms to the bracketed words. The first two letters the word begins with are provided to help you. The number of dots corresponds to the number of the missing letters.

Attacks by Iran-backed militants in the Red Sea have [a] su... (≠ ineffectively) closed one of the world's main trade routes to most container ships. A [b] pr... (≠ short) closure of the waterway, which relates to the Suez Canal, could snarl global supply chains and [c] au... (≠ decrease) the prices of manufactured goods at a [d] cr... (≠ unimportant) moment in the battle to defeat inflation.

Question 15: Find synonyms to the bracketed words. The first two letters the word begins with are provided to help you. The number of dots corresponds to the number of the missing letters.

Genes and variants of interest in [a] ra... (= infrequent) diseases often benefit from modelling in cellular assays or genetic models to [b] as... (= help) in understanding molecular and cellular mechanisms of disfunction. Model organisms are [c] es... (= necessary) for the discovery of new genetic diseases and key to understanding various effects, and modelling a disease gene in a genetic model means that researchers can perform an in-depth [d] ex... (= investigation) of gene or variant function.

Question 16: Express the following statements differently starting as shown on the answer sheets.

- a- I have never seen such a breath-taking sunset.
- b- Although they faced many difficulties, they managed to complete the project.
- c- Environmentalists said: "It is high time the governments took action to combat climate change".
- d- It is a pity that many people drown while trying to migrate illegally.

Question 17: Express the following statements differently using modal verbs.

- a- The government didn't act immediately to prevent the spread of the contagious disease that has plagued the cactus plant in Tunisia.
- b- They haven't seen each other for five months; it's probable that he is no longer interested in her.
- c- It was not necessary for her to prepare all that food for the party.

Question 18: Express the following statements differently using the suitable conditional type.

- a- If the government doesn't tackle board issues, the current strike is not likely to settle.
- b- We didn't realize the amount of damages because the storm did not subside quickly.
- c- The bomb doesn't drop on the city; that's why there is not a great deal of destruction.

PART THREE: WRITING TASKS.

Question 19: Find and correct the FOUR mistakes in the following paragraph.

Biotechnology raises complex issues ethical related to the moral aspects of organism modification, clonning, and the use of human embryos. it is necessary to develop effective ethical standards and laws to regulate and ensure the safety for biotechnology use.

Question 20: Essay (DO NOT EXCEED 15 LINES)

It is widely acknowledged that information and communication technologies have played a key role in the spread of a common global culture.

Develop this idea with solid arguments.

INSTITUT PREPARATOIRE AUX ETUDES D'INGENIEUR DE SFAX		A.U. :	2023/2024
		Niveau :	2ème année
		Epreuve :	Anglais
		Durée :	2heure
		Date :	11 /05/2024
		Nom:.....	.....
		Prénom:.....	.....
		Groupe:.....N°/Place:.....	.....
		Matricule:.....Salle:.....	.....



DEVOIR DE FIN DE SEMESTRE N°2
(ANSWER SHEETS)

PART ONE: READING COMPREHENSION: (30pts.)

Question 1: FALSE statements correction. (3pts.)

- a-
- b-
- c-

Question 2: Paragraph completion. (3pts)

What makes the rates of suicide among Native Americans more complex is the adversity of some [a].....including not only [b]but also [c] Such adversities compound upon dire socio-cultural factors stemming from a history of [d] [e]..... and [f]..... All these factors have led to serious mental health issues

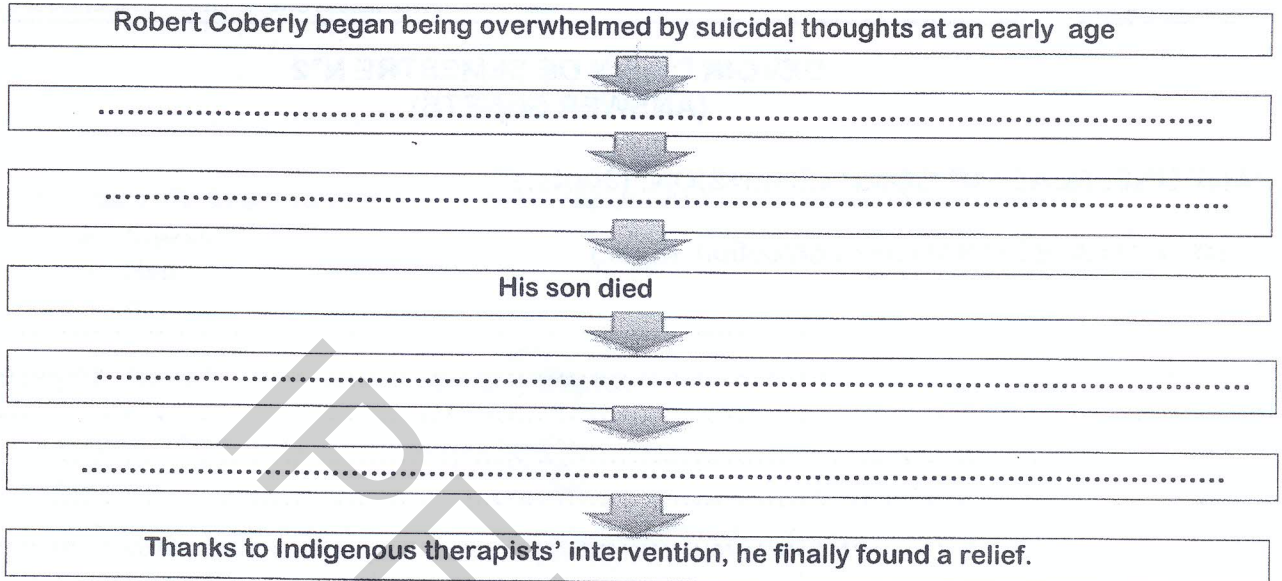
Question 3: Answers. (3pts)

- a-
- b- *
- *

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Question 4: Flow chart completion. (4 pts.)



Question 5: Details justifying that Ben MorningStar has been able to maintain a positive outlook (4pts.)

- a-
- b-
- c-
- d-

Question 6: Expressions reflecting the feelings of loneliness, powerlessness, anxiety and fear. (4 pts.)

- a-
- b-
- c-
- d-

Question 7: The correct alternative. (2pts.)

- a- *
- b- *

Question 8: Vocabulary items. (2pts.)

- a-
- b-

Question 9: References. (3pts.)

- a-
- b-
- c-

Question 10: The TWO most suitable ideas. (2pts.)

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- *

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PART TWO: LANGUAGE TASKS: (30pts.)

Question 11: Rewrite the following paragraph using the passive voice. (4pts.)

[a]

[b]before.....

[c]

[d]

Question12: The correct form. (4pts.)

[a]	.....	[c]	.....
[b]	.....	[d]	.....

Question13: The correct tense. (4pts.)

[a]	.....	[c]	.....
[b]	.....	[d]	.....

Question14: Find antonyms: (4pts.)

[a]	su -----	[c]	au -----
[b]	pr -----	[d]	cr -----

Question 15: Find synonyms :(4pts.)

[a]	ra --	[c]	es -----
[b]	as----	[d]	ex -----

Question 16: Express differently starting as shown :(4pts.)

- a- Rarely
- b- In spite of
- c- Environmentalists said that
- d- If only.....

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a- _____

b- _____

c- _____

a- Unless
b- Had
c- If

Question 19: Mistakes correction: (4pts)

Mistake	[1].....	[2].....	[3].....	[4].....
Correction	[1].....	[2].....	[3].....	[4].....

[illegible]