

CBSE Class 10 English Solution:

Set 3- 2/2/3

SECTION A

1. Read the text given below

1) Fossil fuels (oil, coal, and natural gas) are our most traditional sources for power generation. The energy that's produced from any source other than fossil fuels is termed as alternative energy. Between the two sources, using alternative energy has a lower environmental impact.

(2) We now know that alternative energy sources are the sources we use to supplement or even replace traditional energy sources used for power generation. You could almost say the same thing about renewable energy sources. But there is one subtle difference between the two. All renewable energy sources fall under the category of alternative energy sources, but it doesn't work the other way around.

(3) That's because renewable energy sources are derived from naturally replenished sources or processes of Earth, such as the sun, wind, and water. We refer to these resources as renewable or sustainables since, unlike fossil fuels, this naturally occurring continual renewal makes them inexhaustible. However, alternative energy sources are exhaustible, and therefore not renewable. That's the difference!

(4) The equipment necessary to harness energy from alternative sources used to be so expensive that it wasn't practical for consumer use. However, thanks to increased demand, more experienced energy developers, competitive supply chains, improved renewable technologies, and enhanced energy efficiency capabilities, that's no longer the case.

(5) When it comes to energy efficiency, the leader of the renewable energy pack is wind energy. Behind wind comes geothermal energy, hydropower, nuclear energy, and then solar power. Wind power serves both individuals and entire communities. It is versatile, and can be produced from small-scale windmills or wind turbines on residential properties. It can also be produced from large-scale offshore wind farms in the ocean.

(6) We generate geothermal power by tapping into underground reservoirs of hot water and steam. Geothermal electricity can directly heat and cool buildings. Generated from the energy of moving water, hydroelectricity (also known as hydropower) is produced when water behind a dam causes turbine blades to move as it flows through an intake. The turbine blades then rotate a generator to produce electricity that is sent to power homes.

(7) Nuclear energy is created in the form of heat through the fission process of atoms. The initial fission process creates energy and triggers a chain reaction that repeats the process and generates more energy. In nuclear power plants, the heat that fission produces creates steam. The steam then rotates a turbine, which leads to the production of electricity.

(8) Solar power most commonly refers to the use of solar cells to create energy. On a small scale, you may see a few solar panels on a house roof used to produce energy for just that one home. On a larger scale, you may see a solar farm used as a power plant to produce electricity for its consumers.

Answer the following questions, based on the above passage:

i) Which of the following statements best describes the difference between renewable energy sources and alternate energy sources?

(A) Alternative energy sources are more expensive than renewable energy sources.

(B), Renewable energy sources are inexhaustible whereas alternate energy sources could be exhaustible.

(C) Alternative energy sources are as renewable as renewable energy sources.

(D) Renewable energy sources are exhaustible but alternative energy sources are inexhaustible.

Solution: (B) Renewable energy sources are inexhaustible, whereas alternate energy sources could be exhaustible.

(ii) What is the tone of the writer in the given lines from para (4)? Rationalise your response in about 40 words. "However, thanks to increased demand, more experienced energy developers, competitive supply chains, improved renewable technologies, and enhanced energy efficiency capabilities, that's no longer the case".

Solu. The tone of the writer in the given lines from para (4) is positive and optimistic. The writer highlights various factors contributing to the increased adoption of renewable energy sources, suggesting progress and improvement in the industry.

**(iii) Complete the sentence appropriately:
In the past, alternative energy sources were not used much by the consumers because**

Solu. In the past, alternative energy sources were not used much by the consumers because they were considered expensive and less efficient compared to traditional energy sources like fossil fuels.

iv) The passage includes some words that are opposites of each other. From the sets (a) to (e) below, identify two sets of antonyms:

- (a) generate and produce**
- (c) subtle and versatile**
- (e) sustainable and exhaustible**
- (b) exhaustible and inexhaustible**
- (d) power and energy**

Solu. Two sets of antonyms from the given sets are:

- (a) generate and exhaust
- (d) power and weakness

v) Who is the leader of renewable energy pack and why?

Solu. The leader of the renewable energy pack is wind energy. This is because wind energy is versatile, can be produced at various scales, from small residential windmills to large offshore wind farms, and it serves both individuals and entire communities. Additionally, wind energy is inexhaustible and renewable, making it a sustainable option for energy generation.

(vi) Based on the reading of the passage, examine, in about 40 words, the difference between geothermal electricity and hydroelectricity.

Solu. Geothermal electricity is generated by tapping into underground reservoirs of hot water and steam, while hydroelectricity is produced by harnessing the energy of moving water behind a dam. Geothermal energy utilizes heat from the Earth's interior, whereas hydroelectricity relies on the gravitational force of water flow.

(vii) What is the message conveyed by the passage?

(A) Only those energy sources should be used which are renewable.

(B) Wind energy is a renewable as well as inexhaustible source of energy.

(C) There are plenty of renewable energy sources that can be used to replace traditional energy sources.

(D) Alternative energy sources are the emerging energy trends and are still evolving.

Solu. (C) There are plenty of renewable energy sources that can be used to replace traditional energy sources.

(viii) State whether the following statement is True or False with reference to the given extract.

Hydroelectricity as a renewable energy source is used for residential as well as commercial purposes.

Solu. True

Ques 3.

(i) Fill in the blank by using the correct form of the word in the bracket, for the given portion of a letter:

We hope that you continue to work with the same zeal and keep (surprise) us with such remarkable performances. We thank you and wish you good luck for your upcoming projects.

Regards.

Solu. surprise | surprising

(ii) Read the given sentence from a medical journal. Identify the error and supply the correction in the sentence:

A flu vaccine's most common side effects are soreness, redness and swelling at the injection site. These ought begin six to twelve hours after vaccination and can last upto two days.

Use the given format for your response.

Error | Correction

Solu. (ii) begin | begin should be changed to begin to

Error: ought

Correction: ought to

(iii) Tanu and Amit had a conversation about the execution of Tanu's travel plan.

Report Amit's question.

Will you be going with your family?

Solu. (iii) Amit asked Tanu, "Will you be going with your family?"

(iv) Read the dialogue between Karan and his friend, Parvaiz regarding Karan's winter vacation plans:

Karan: How is your winter vacation plan shaping up?

Parvaiz Alas! There are no plans. We have extra classes during our winter vacation.

Select the correct option to complete the reporting of the above dialogue.

Karan asked Parvaiz how his winter vacation plan was shaping up. Parvaiz sighed and said there were no plans. He further added that

- (A) they had extra classes during our winter vacation**
- (B) he has extra classes during their winter vacations**
- (C) they had extra classes during their winter vacation**
- (D) they have extra classes during their winter vacation**

Solu. (C) they had extra classes during their winter vacation

(v) Fill in the blank by choosing the correct option, to complete the line from the policy document of an insurance company:

It is our endeavour to settle your maturity claim on or before the due date. The Servicing Branch (likely/usually/occasionally) sends maturity claim intimations two months in advance.

Solu. It is our endeavour to settle your maturity claim on or before the due date. The Servicing Branch usually sends maturity claim intimations two months in advance.

(vi) Identify the error and supply correction for the given part of the note appearing on an educational website.

Please Note: An early and active communication is required as late notification may result in a delay redressal of your request.

Use the given format for your response.

Error | Correction

Solu. Error: delay redressal

Correction: delayed redressal

(viii) Complete the given narrative by filling in the blank, with the correct option:

Finally, she went to the best doctor in town. The doctor spent months on her until she was finally cured.

- (A) treats**
- (B) treated**
- (C) to treating**
- (D) treating**

Solu. (viii) Finally, she went to the best doctor in town. The doctor spent months treating her until she was finally cured.

(ix) Report the dialogue between two friends, Madhur and Priyanka, by completing the sentence:

Madhur Do you know the importance of water for our body?

Priyanka: Yes, indeed! Water is essential for digestion and regulates body temperature.

Madhur asked Priyanka if she knew about the importance of water for their body. Priyanka answered in the affirmative and explained that

Solu. Madhur asked Priyanka if she knew about the importance of water for their body. Priyanka answered in the affirmative and explained that water is essential for digestion and regulates body temperature.

(x) Fill in the blank by choosing the correct option to complete the part of the "All Rights Reserved" note given in a textbook. No part of this publication may be reproduced, transcribed, transmitted, stored or translated into any language. 'Any person in relation to this publication may be liable to criminal prosecution and civil claims for damages.

- (A) who will be doing any unauthorized act**
- (B) who is doing any unauthorized act**
- (C) who does any unauthorized act**

(D) who may do any unauthorized act

Solu. (C) who does any unauthorized act

(xi) Complete the slogan, by filling in the blank with the correct option: There's No place Like Earth To Live and Work. So Let's Better Place. A

(A) Making It

(C) Make It

(B) Creates It

(D) Create It

Solu. (C) Make It

(xii) Identify the error and supply correction for the following sentence taken from a copyright's document.

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Use the given format for your response.

Error | Correction

Solu. Error: | Reproducing, adaptation or translation without prior written permission is prohibited.

Correction: | Reproducing, adapting, or translating without prior written permission is prohibited.

Ques 4. (a) As Sharman Singh of 776, Hemkunt Apartments, Arampur, you believe that as a law abiding citizen who pays regular taxes you deserve a regular supply of clean drinking water in your house. However, your locality is facing acute shortage as supply is often disrupted without notice causing problems to the residents. Write a letter to the Director of Jal Board of your city area, in about 120 words, apprising him of the situation; sharing the need for regular

supply of clean water and requesting him to take necessary action to improve the situation.

Solu. 776, Hemkunt Apartments,

Arampur

[Date]

The Director,

Jal Board,

[City/Area Name]

Subject: Urgent Need for Regular Supply of Clean Drinking Water

Dear Sir/Madam,

I am writing to bring to your attention the persistent issue of irregular and inadequate supply of clean drinking water in our locality. As a law-abiding citizen who dutifully pays taxes, I believe that access to clean water is not just a necessity but also a fundamental right.

Unfortunately, our locality, including 776, Hemkunt Apartments, has been facing acute shortages of water. The irregular supply, often disrupted without prior notice, has caused significant inconvenience and distress to the residents.

Considering the gravity of the situation, I urge you to take immediate action to ensure a regular and uninterrupted supply of clean drinking water to our area. This is crucial for the well-being and health of the residents. Your prompt intervention in addressing this issue would be highly appreciated.

Thank you for your attention to this matter.

Yours sincerely,

[Your Name]

Sharman Singh

Ques 6. Read the given extracts and answer the questions for any one of the given two:

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(a) The train pulled out of the station Pranjol buried his nose in his detective book again. Rajvir too was an ardent fan of detective stories but, at the moment he was keener on looking at the beautiful scenery.

It was green, green everywhere. Rajvir had never seen so much greenery before. Then the soft green paddy fields gave way to tea bushes. It was a magnificent view. Against the backdrop of densely wooded hills a sea of tea bushes stretched as far as the eye could see. Dwarfing the tiny tea plants were tall, sturdy, shade-trees and amidst the orderly rows of bushes busily moved doll-like figures. (Glimpses of India - Tea from Assam)

(i) State any one inference about Rajvir from the given context:

"Rajvir too was an ardent fan of detective stories, but at the moment he was keen on looking at the beautiful scenery."

(ii) State True or False:

The reason Rajvir was interested in looking at the beautiful scenery was that the detective book he was reading, was not interesting.

(iii) People who live in big cities are always fascinated by the natural beauty and abundant greenery. Elaborate in about 40 words, with reference to the extract.

(iv) Which phrase would correctly substitute 'doll-like figures', in the given sentence from the extract?

Dwarfing the tiny tea plants were tall sturdy shade-trees and amidst the orderly rows of bushes busily moved doll-like figures.

Solu. (i) Inference about Rajvir: Rajvir is currently more interested in admiring the beautiful scenery than reading his detective book, indicating his appreciation for nature and his surroundings.

(ii) False: There is no indication in the text that Rajvir's disinterest in his detective book is because it's not interesting.

(iii) People living in urban areas often find solace and fascination in the natural beauty and greenery, especially when contrasted with the concrete jungle of cities. This longing for nature is evident when Rajvir, despite being a fan of detective stories, is captivated by the lush green landscapes of the countryside during his train journey.

(iv) "Human-like figures"

Ques 7.

(b) My head is full of whispers Which tomorrow will be silent. Listen. The glass is breaking. The trees are stumbling forward into the night. Winds rush to meet them. The moon is broken like a mirror, its pieces flash now in the crown of the tallest Oak.

(The Trees)

(i) Identify the figure of speech used in the line: "The Trees are stumbling forward into the night".

(ii) Explain the significance of the line:

"The moon is broken like a mirror, its pieces flash now in the crown of the tallest Oak." Answer in about 40 words.

(iii) Complete the sentence with the appropriate option. In the third line, the word 'Listen' is used to

(A) serve no purpose but to complete the sentence. (B) emphasize listening carefully to the sound of glass breaking.

(C) emphasize listening carefully as a change is about to take place.

(D) make the reader more attentive.

(iv) What does the line: "My head is full of whispers which tomorrow will be silent" tell us about the poet's state of mind?

Solu.

(i) Figure of speech: Personification

(ii) Significance: The line "The moon is broken like a mirror, its pieces flash now in the crown of the tallest Oak" suggests a surreal and magical atmosphere. It portrays the moon as shattered and its fragments gleaming in the branches of the oak tree, evoking a sense of wonder and enchantment.

(iii) Complete the sentence: (C) emphasize listening carefully as a change is about to take place.

(iv) The line "My head is full of whispers which tomorrow will be silent" indicates that the poet is currently overwhelmed with thoughts or voices in their mind, but they anticipate that these thoughts will cease or quiet down by the next day.

Ques 8.

- (i) What idea does the Postmaster come up with? What did he do to stick to his resolution? (A Letter to God)
- (ii) Briefly bring out the contrast between the young seagull's initial attempts to fly and his first successful flight. (His First Flight)
- (iii) Explain why Amanda wants to be an orphan. Refer to the given lines, from the text I am an orphan, roaming the street. I pattern soft dust with my hushed, bare feet. The silence is golden, the freedom is sweet. (Amanda)
- (iv) The most laid back individuals become converts to the life of high-energy adventure. Elaborate with reference to Coorg. (Glimpses of India)
- (v) Bring out the central idea of the poem, 'The Tale of Custard the Dragon'.

Solu.

(i) The Postmaster decides to write a letter to God to ask for rain. To ensure his resolution, he places the letter in the mailbox each morning, treating it as a ritual. He remains persistent despite skepticism from others, showing his unwavering faith in his action. (A Letter to God)

(ii) Initially, the young seagull struggles to fly, attempting to lift himself off the ledge but failing repeatedly. His first successful flight is marked by determination and courage as he overcomes his fear of falling and takes a leap of faith, soaring into the sky with confidence. (His First Flight)

(iii) Amanda desires to be an orphan as she romanticizes the idea of freedom and independence associated with orphanhood. The lines suggest that she finds solace in solitude, perceiving silence as golden and freedom as sweet, contrasting with the constraints and expectations she faces in her current life. (Amanda)

(iv) Coorg transforms even the most laid-back individuals into enthusiasts of high-energy adventures. The serene landscape and thrilling activities like river rafting and trekking offer a departure from mundane life, infusing

visitors with a newfound zest for life and a passion for exploration.
(Glimpses of India)

(v) "The Tale of Custard the Dragon" revolves around the theme of courage and bravery. It tells the story of a seemingly cowardly dragon who surprises everyone, including himself, by bravely defending his friends in a moment of crisis. The poem celebrates the idea that true courage can emerge unexpectedly from unexpected places.

Ques 9.

(i) What does Mr. Herriot mean by "happy period" for himself and his partners? Explain. (A Triumph of Surgery)

(ii) Justify how Ebright's mother played an important part in his becoming a scientist. (The Making of a Scientist)

(iii) A well known book of nursery rhymes saved the world from a Martian invasion. Comment with reference to 'The Book that Saved the Earth'.

Solu.

(ii) Ebright's mother played a crucial role in his scientific journey by nurturing his curiosity and providing him with books and resources to explore his interests. She encouraged his inquisitive nature and instilled in him a love for learning, laying the foundation for his future success as a scientist. (The Making of a Scientist)

(iii) In 'The Book that Saved the Earth,' a book of nursery rhymes inadvertently saves the world from a Martian invasion by confusing the alien invaders with its nonsensical verses. The Martians, unable to comprehend the illogical content, retreat in confusion, highlighting the unexpected power of literature in unexpected circumstances.

Ques 10

a) A desire is more personal whereas a vision has broader connotations. You have been asked to present an analysis of Valli's desire and Mandela's vision and how they are respectively fulfilled.

Write this presentation draft including your insights, in about 120 words, comparing the approaches of both Valli and Mandela.

You may begin like this:

One acknowledges that both, Valli and Mandela _____ however, (Reference Nelson Mandela - A Long Walk to Freedom & Madam Rides a Bus)

Solu. One acknowledges that both Valli and Mandela exhibit aspirations, yet their expressions of desire and vision differ significantly. Valli, in "Madam Rides the Bus," harbors a personal desire to experience the thrill of riding a bus, symbolic of freedom and exploration in her confined world. Conversely, Mandela's vision, as portrayed in "A Long Walk to Freedom," extends beyond personal fulfillment to encompass the liberation of an entire nation from apartheid oppression. While Valli's desire is fulfilled through a simple act of defiance, Mandela's vision requires enduring struggle and sacrifice, culminating in the realization of a democratic South Africa. Their journeys highlight the distinction between individual desires and collective visions in shaping personal and societal destinies.

Ques 11.

(a) Imagine that Griffin's conscience pricks him and he decides to write a diary entry, about misusing science and endangering society, in the context of his own experience.

Write this diary entry, as Griffin, in about 120 words.

(Reference - Footprints without Feet by H.G. Wells)

Solu. Diary Entry:

Date: [Today's Date]

Today, as I reflect on my actions, I am overwhelmed by a profound sense of guilt and remorse. My pursuit of scientific discovery has led me down a dark path, blinding me to the ethical implications of my experiments. In my quest for power and invisibility, I have misused science to satisfy my own selfish desires, heedless of the consequences for society. My actions have

endangered countless lives and unleashed chaos upon the world. The weight of my transgressions bears heavily upon my conscience, and I am haunted by the realization that I have become the very monster I sought to create. I can only hope that future generations will learn from my mistakes and wield science responsibly, for the betterment of humankind.

- Griffin