

Q. 3 Read the following passage carefully and answer the questions that follow. (20)
The notion that renewable energy unequivocally saves the planet and eradicates pollution is a narrative as appealing as it is oversimplified. While solar panels gleaming in the sun and wind turbines spinning gracefully against a clear blue sky evoke a sense of eco-utopia, the reality of renewable energy is far from unblemished.

To begin with, the very production of renewable energy systems is a resource-intensive process that leaves a sizable environmental footprint. Solar panels, for instance, require rare earth elements like cadmium and tellurium, whose extraction involves environmentally damaging mining practices. Similarly, wind turbines demand vast quantities of steel, concrete, and rare earth magnets. Manufacturing these components not only generates significant greenhouse gas emissions but also disrupts ecosystems and exploits finite resources.

A parallel can be drawn to electric vehicles (EVs), which are often lauded for their environmentally friendly image but whose production also results in significant pollution. The manufacturing process, particularly of lithium-ion batteries, requires extensive mining of materials like lithium, cobalt, and nickel. This mining causes habitat destruction, soil contamination, and high water usage, often in regions already facing environmental stress. Additionally, if the electricity used to charge EVs comes from fossil fuels, their environmental benefits diminish significantly. Battery disposal presents further challenges, as improper recycling leads to toxic waste. While EVs have potential, their current lifecycle emissions suggest they are not a complete solution to reducing pollution.

Moreover, the issue of waste is a looming specter. Solar panels and wind turbines have finite lifespans, typically ranging from 20 to 30 years. As they reach the end of their utility, the question of disposal becomes critical. Recycling these components is neither straightforward nor widely practiced, often resulting in the accumulation of toxic waste. Without a robust infrastructure for managing this influx of discarded materials, the green promise of renewable energy begins to tarnish.

Additionally, renewable energy systems are not immune to pollution during their operational phase. The intermittent nature of solar and wind power necessitates backup from fossil fuel plants or reliance on battery storage, the

latter of which poses its own environmental challenges. Batteries rely heavily on lithium and cobalt, both of which have supply chains notorious for environmental degradation and human rights abuses.

Land use is another concern. Solar farms and wind parks require vast expanses of land, potentially displacing local wildlife and communities. Forests are often cleared to accommodate these installations, undermining their supposed environmental benefits. While renewable energy does reduce reliance on fossil fuels, it is disingenuous to ignore these associated costs.

This is not to discredit the value of renewable energy as a critical component in mitigating climate change, but rather to advocate for a balanced perspective. Blindly heralding renewables as a panacea risks complacency and overlooks the importance of improving energy efficiency, reducing consumption, and diversifying the energy mix.

In conclusion, renewable energy is not the silver bullet for saving the planet. It is a complex, imperfect solution that requires careful management and realistic expectations. Only by acknowledging its limitations can we hope to harness its potential responsibly.

Questions:

1. What can be inferred about the environmental impact of renewable energy production compared to traditional fossil fuels?
2. How far the electric vehicles (EVs) are environmental friendly?
3. What challenge is associated with the disposal of renewable energy systems after their lifespan ends?
4. Why does the article suggest that renewable energy is not entirely pollution-free during its operational phase?
5. How does the article propose addressing the limitations of renewable energy?

Q. 4 Correct any FIVE of the following sentences. (10)

- i. I will be completing this project by this time tomorrow.
- ii. If I know the answers, I would pass the examination.
- iii. They cheated me. I wish I know them.
- iv. Looking through the view-finder, some strangers were seen standing at the door.
- v. All kinds of stationeries is sold here.
- vi. There has always been a fight between devil and divine.
- vii. A Little elegance is left in those arrogant youth.
- viii. The mother was herself searching in her young daughter.

Q. 5. A. Punctuate the following passage: (5)

a boy was gathering berries from a hedge when his hand was stung by a nettle smarting with the pain he ran to tell his mother and said to her between his sobs i only touched it ever so lightly mother that is why you got stung my son said she if you have grasped it firmly it would not have hurt you in the least

B. Re-write the following sentences (ONLY FIVE) after filling in the blanks with appropriate Prepositions. (5)

- i. She came _____ the wealth on her father's death.
- ii. I am broke _____ him because he is a selfish friend.
- iii. He has got _____ all his hardships in his life.
- iv. Every candidate tries to pull _____ each voter.
- v. The poor live _____ their honest wages.
- vi. The thief did nor swear _____ God.
- vii. You have no right to jeer _____ the beggar.
- viii. He is leaning _____ the wall as he is not feeling well.

Q.6. A. Use only FIVE of the following in your own sentences to bring out their meanings. (5)

- (i) black and blue (ii) silver surfer (iii) draw a blank (iv) carry coal to Newcastle
(v) ballpark figure (vi) bad hair day (vii) keep fingers crossed (viii) to get off scot-free

B. Use only FIVE pairs of words in sentences clearly illustrating their meanings. (5)

- (i) Plaintiff, plaintive (ii) valet, varlet (iii) monitor, mentor (iv) complacent, complaisant
(v) penitence, penance (vi) crevice, crevasse (vii) beneficent, beneficial

Q.7. Translate the following into English, keeping in view the idiomatic/figurative expression. (10)

مسابقتی امتحانات کی تیاری کرنے والے کچھ طلبہ ایسے ہیں جو سمجھتے ہیں کہ صرف کتاب کے کور کو گھورنے یا رات کو تکیے کے نیچے نوٹس رکھ دینے سے وہ ٹاپر بن جائیں گے۔ یہ وہی لوگ ہیں جو دو دن کی تیاری کے بعد دعاؤں میں بھی سفارش تلاش کرتے ہیں! حقیقت یہ ہے کہ "جادو کی چھڑی" نہ کسی کے پاس ہے، نہ کوئی کامیابی کا "شارٹ کٹ"۔ اگر غیر معمولی ننتیج چاہیے تو غیر معمولی محنت بھی چاہیے۔ تو اگلی بار جب آپ چلتے کا کپ پکڑے "پڑھوں یا نہ پڑھوں" سوچ رہے ہوں، یاد رکھیں کہ کامیابی مذاق سے نہیں، مشقت سے آتی ہے!

Best of Luck for CSS2025

QUESTION NO 3
Passage

Answer No 1: It can be inferred that renewable energy production can result in damaging the environment through mining practices for extraction of elements like cadmium and tellurium used in solar

panels. Likewise, production of renewable energy generates significant amounts of green house gases which is emitted on the manufacturing of components of wind turbines like steel, concrete and rare earth magnets. Also it can disturb ecosystem and exploits finite resources.

Answer No 2:

Electric vehicles are often claimed to be environmentally friendly, but it can result in pollution. To produce lithium-ion batteries, mining of lithium, cobalt and nickel is required that cause damage to habitat, soil contamination and high water usage. Similarly, if fossil fuels are used to charged electric vehicles, their environment benefit will be finished. So, it can be said that they are not much environment friendly, as their current lifecycle emission indicates that they are not a complete solution to decrease pollution.

Answer No 3:

The challenge associated with the disposal of renewable energy systems after their lifespan ends is the accumulation of toxic waste, when the components of renewable energy sources are recycled. The promise of green renewable energy will decline, without proper infrastructure for managing the flow of discarded or abandoned materials.

Answer No 4:

The article suggest that renewable energy is not entirely pollution-free during its operational phase, because renewable energy cannot be the regular source of energy as it depend on sun and wind to operate. There can be days when there will be no sunlight and wind and again fossil fuels will be used. Also renewable energy sources rely on batteries and battery depends on lithium and cobalt, both of which are considered harmful for environment as they cause environment degradation. Similarly, land is also required to install solar farms and wind parks that will displace people and wildlife, because forests will be cut.

Answer No 5:

The article propose addressing the limitations of renewable energy that requires careful management of the renewable energy sources and realistic expectations. One can benefit from it, when its limitations are acknowledged. Focus should be on improving energy efficiency, reducing consumption and diversifying the energy mix.

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Fill In The Blanks (5B)

viii- He is leaning against the wall as he is not feeling well.

vii- You have no right to jeer at the beggar.

v- The poor live on their honest wages

vi- The thief did not swear to God.

iv- Every candidate tries to pull in each voter.

Pair of Words (6B)

① **Monitor:**

The monitor of the class maintains discipline in the classroom in the absence of teacher.

Mentor:

She is not only my teacher, but also my mentor as she gives me valuable suggestions.

② **Complacent:**

She was complacent with her cooking skills.

Complaisant:

Every man demands a complaisant wife, who acts according to the expectations of her husband

③ Beneficent:

She started her - speech with the name of Allah who is most merciful and beneficent.

Beneficial:

Renewable energy sources are considered as beneficial, because they are said to be environmental friendly!

Sentence Correction

v. All kinds of stationeries is sold here.

All kinds of stationery are sold here.

vii. A little elegance is left in those arrogant youth.

Little elegance is left in those arrogant youth.

iv. looking through the view-finder, some strangers were seen standing at the door.

Looking through the view-finder, he saw some strangers standing at the door.

iii. They cheated me. I wish I know them.

They cheated on me. I wish I knew them.

viii- The mother was herself searching in her younger daughter.

The mother herself was searching for her younger daughter.

Punctuation (SA)

A boy was gathering berries from a hedge, when his hand was stung by a nettle. Smarting with the pain, he ran to tell his mother and said to her between his sobs, "I only touched it ever so lightly, Mother." "That is why you got stung my son", said she. "If you have grasped it firmly, it would not have hurt you in the least."

Question (6A)

① Black and Blue

They beat him black and blue, after the teacher left the room.

② Bad hair day

After facing multiple rejections at job, he realized that it was bad hair day for him.

③ Keep fingers crossed

Indian team was unable to out even a single person from Pakistan team, but still they kept

their fingers crossed.

④ To get off scot-free

Although he committed multiple crimes, he still got off scot-free in the end.

Translation (07)

Some students preparing for the competitive exams think that by only staring at the book cover or keeping notes below the pillow at night, will make them toppers. These are the people, who after preparing for two days, tries to find intercession even in the prayers. In reality, no one has magic wand, nor any shortcut for success. Extraordinary result demands extraordinary hardwork too. So, next time when you hold a cup of tea, thinking whether to study or not, remember that success requires hardwork, it does not come from fun.

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