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?
- How far the electric vehicles (EVs) are environmental friendly? 2
- 3 What challenge is associated with the disposal of renewable energy systems after their lifespan ends?
- Why does the article suggest that renewable energy is not entirely pollution-free during its operational phase? 4.
- 5. How does the article propose addressing the limitations of renewable energy?
- Q. 4 Correct any FIVE of the following sentences.
 - I will be completing this project by this time tomorrow. i.
 - ii. If I know the answers, I would pass the examination. They cheated me. I wish I know them. üi.
 - Looking through the view-finder, some strangers were seen standing at the door. iv
 - All kinds of stationeries is sold here. v.
 - vi. There has always been a fight between devil and divine.
 - A Little elegance is left in those arrogant youth. vii.
 - The mother was herself searching in her young daughter. viii.

Q. 5. A. Punctuate the following passage:

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)

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

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

- (iv) carry coal to Newcastle (iii) draw a blank (i) black and blue (ii) silver surfer (vii) keep fingers crossed (viii) to get off scot-free
- (v) ballpark figure (vi) bad hair day B. Use only FIVE pairs of words in sentences clearly illustrating their meanings.
- (i) Plaintiff, plaintive (ii) valet, varlet (iii) monitor, mentor (iv) complacent, complaisant (vii) beneficent, beneficial (v) penitence, penance (vi) crevice, crevasse

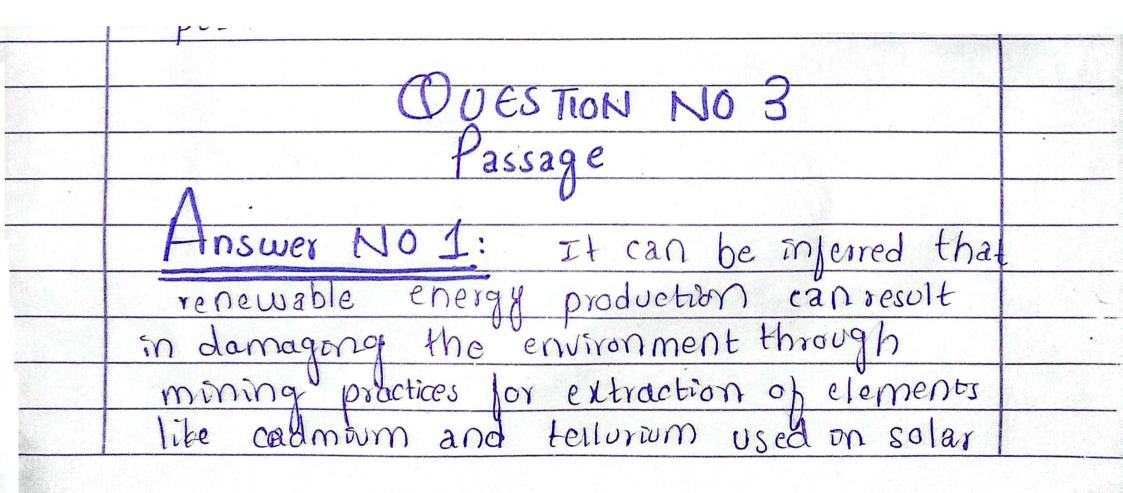
Q.7. Translate the following into English, keeping in view the idiomatic/figurative expression.

(۱۷) مسابقتی امتحادات 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 جلیں 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 نتائج چاہیے تو غیر معمولی محنت بھی چاہیے۔ تو اگلی بار جب آپ چاتے کا کپ پکڑے "پڑھوں یا نہ پڑھوں" سوچ رہے ہوں، یاد رکھیں کہ کلمیابی مذاق سے نہیں، مشقت سے آتی ہے!

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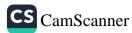
(10)

(5)

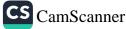




Limit your answers to 5-7 lines.		
	panels. Likewie, production of renewable	
	Phergy dealer constructed amounts in	
	green house again which is emitted on the	
	man upacturing of norm panents of while to solve	
	twe steel, concrete and rare easth magnetsmiss	
	fan distorb ecosystem and exploits binite resources.	
	Answer NO2:	
	Electric vehicles are often claimed	
and the second s	to be environmentally friendly, but it can	
	result in pollution. To produce lithium -ion	
	Dattries, mining of lithium, cobait and Nickel is required that Eauses damage	
	to habitat, soil contamination and	
	high water usage Similarly in Jour Jud	
	are used to charged electric vehicles,	
	their environment benefit will be pinished.	
	Son it can be said that they are not much	
	environment friendly, as their correct	
	lifecycle emission indicates that they are	
	not à complete solution to decrease pollution.	
	- A	
	<u>FINSWER NO 3:</u>	
	The challenge associated with	
	the disposal of renewable energy systems	
	the disposal of renewable energy systems after their lifespan ends is the accumula	
	- troy 0, take waste, when the super-	
	The promise of green renewable energy will declone, without proney and and the	
	for managing the flow of discarded	
	or abandoned Materials.	
· · · ·		



Page No. 03 Answer NO 4: The article suggest that renewable energy is not entirely pollution- Aree during its operational phase, because renewable energy cannot be the regular source of energy as it depended on son and wind to operate. There can be days when there will be no sonlight and wind and again fossil fuels will be used. Also renewable energy sources fely on batteries and battery depends on lithium and Cobait, both of which are considered hormful for environment as they cause environment degradation. Similarly, land is also required to install solar barms and wildlife, because forests will be cut. A Inswer NOS: The article propose addressing the Imitations of renewable energy that requires careful management of the renewable energy sources and realistic expectations. One can benefit from its when its limitations are acknowledged. Focus should be on improving energy efficiency, reducing consumption and diversifying the energy mix. Subject verb disagreement found. - XX _____XX XX _____



Page No. 04	
	Fill In The Blanks
	(= R)
viii-	Herois are callowed to superiliserly one question in
	vie one port. Ine semain no questions may be
Vi1 -	submitted in separate pdfs.
	ou nave no right to jet et
	beggar.
V-	The poor live on their honest wages
vi-	The theif did not swear to God.
· · · ·	Every candidate tries to pull on
	each voter.
	Pair of Words
	(68)
\bigcirc	Monitor:
	The monitor of the class maintains discipline in the classroom in the absence
	discipline in the classroom in the absence
	of teacher. Mentor:
	also my mentor as she gives me valuable
	She is not only my teacher, but also my mentor as she gives me valuable suggestions.
	0.0
2	Complacent:
	. She was complacent with her
	cooking Stills, Complaisant:
	Complaisant:
	soft unite, who acts according to
an contra address	Every man demands a complai -sant wife, who acts according to the expectations of her husband
THE REAL PROPERTY OF	



3 Beneficent: She started her - speech with the name of Allah who is most mercifol and beneficent. Benchicial: Renewable energy sources are considered as benefical, because they are said to be environmenta prendly! entence Correction All kinds of stationeries is sold here. All kinds of stationery are sold here. ٧-A little elegance is left in those arrogant Vii youth. Little elegance is left in those arrogant youth. looking through the view-finder, some strangers were soen standing at the door Looking through the view-gindershe saw some strangers standing at the iv-door. They cheated me. I wish I know them. 111-

Page No. 02 They cheated on me. I wish I knew them The mother was herself searching in her Viii-Younger daughter. The mother herself was searching for her younger daughter. Unctuation SA A boy was gathering berries from a hedge, when his hand was stong by a nettle. Smorting with the path, he ran to tell his mother and said to Ther between his inormer and said to ther between his sobs," I only touched it ever so lightly, Mother?" "That is why you got stong my son" said she!" If you have grasped it firmly, it would not have hurt you in the least." Question (6A) Black and Blue 0 They beat him black and blue, after the teacher left the room. Bad hair day 6 After having multiple rejections at job, he realized that it was bad hair day for hom. keep Jingers crossed 3 Unable to out even a single person from Pakistan team, but still they kept



their hingers crossed. (4) To get off scot. free Although he committed multiple crimes, he still got 077 scot free in the end. ranslation QT Some students preparong for the competitive exams thinks that by only staring at the book cover or keeping notes below the pillow at night, will make them topper. 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 por success! Extraordonary result demand. extraordinary hardwork too. So, next time when you hold a cup of tea, thanking whether to study or not, remember. that success requires hardwork, it does not come from Un XX ____XX ___XX .

