

Review 5

TASK 1 Read the text below and decide which answers A, B, C or D best fits each gap.

Photovoltaic energy

The direct conversion of light electricity inside an atom is known as photovoltaics. The sun 1 ____ light and, with the use of photovoltaic cells – also known as solar cells – the energy can be 2 _____. This type of energy is clean as it produces no 3 _____. For this reason, it is a viable 4 _____ to fossil fuels and nuclear power.

So how exactly does it work? There are materials that can 5 _____ photons of light and release electrons. Capturing the electrons results in electric current that can be used as electricity. This is known as the photoelectric effect. Albert Einstein described the 6 _____ of light and the photoelectric effect in 1905 and won a Nobel Prize in physics for his work.

You may have seen photovoltaic panels in fields or on rooftops where they collect light to 7 _____ homes. When the sky is 8 _____, they are exposed to large amounts of light. On a(n) 9 _____ day less light passes through the atmosphere to the panels. Therefore, this technology is ideal for home use in countries where the sun 10 _____ relentlessly. The electricity that is produced can be used immediately or stored and 11 _____ at a later time, or, if it 12 _____ the needs of a household, the extra power can be put into the electricity grid for use by others.

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|-----------------|---------------|--------------|----------------|
| 1. A spews | B spills | C passes | D emits |
| 2. A harnessed | B settled | C triggered | D mined |
| 3. A polluters | B pollutions | C pollutants | D polluting |
| 4. A substitute | B alternative | C option | D choice |
| 5. A absorb | B give | C swallow | D pull |
| 6. A type | B kind | C character | D nature |
| 7. A strengthen | B boost | C power | D drive |
| 8. A glossy | B clean | C clear | D shiny |
| 9. A breezy | B overcast | C oppressive | D humid |
| 10. A blows up | B beats down | C dries up | D buckets down |
| 11. A applied | B spent | C lessened | D consumed |
| 12. A exceeds | B suits | C meets | D satisfies |

TASK 2 Read the text below and think of the word which best fits each gap. Use only one word in each gap.

Salt

Sodium chloride (NaCl), _____ salt, is a biological necessity of human life. We _____ have it in order for our bodies to function. Sodium is necessary for the transfer of molecules _____ as amino acids across membranes, for _____ transmission of nerve impulses, for digestion and for muscle movement.

Salt has been used _____ flavour and preserve food _____ the earliest recorded times. In antiquity, when salt was not readily available, _____ it is now, it was valued highly _____ to be used as currency in some areas. The Latin phrase 'salarium argentum', ie 'salt money', was a payment of salt made to each and _____ Roman soldier, and the word exists today as 'salary'.

In the past, the need for salt _____ shaped history. The Romans took their first step toward becoming an empire, and built the first of their system of roads due to salt. In the 7th century BCE, King Ancus Martius founded Rome's first colony at coastal Ostia because of the salt _____, and

the Via Salaria (Salt Road) was built to carry the processed salt _____ the city. As the empire expanded, so did the demand for salt, meaning the Rome _____ to start importing it from _____ around the Mediterranean. It was taxed and became _____ of the world's first commodities, at times being traded at twice the value of gold.

TASK 3 Think of one word only which can be used appropriately in all three sentences.

I know It's difficult, but one look on the _____ side and you'll soon see things in a different light.

I wasn't wearing sunglasses and the sun was so _____ it hurt my eyes.

Albert is a very _____ young man and I'm sure he'll do well at university.

Oh dear, I hadn't realised it was so late, we really must be _____.

We don't see them very often, you know, just _____ and on.

I say, something in the fridge smells _____ and I think it's the fish.

I love our new HD TV as it gives a very _____ picture.

Raw lemons have such a _____ taste, I don't know how you can eat them.

A _____ increase in food prices has left many families struggling.

Cafés are closing, which is a _____ that the economy is doing badly.

Look, there's a _____ pointing to the supermarket.

There was no _____ of them anywhere and we began to fear the worst.

He decided to eat more chocolate as he was getting too _____.

The evidence is _____ so the scientist needs to do more research.

'Watch me vanish into _____ air,' said the magician.

TASK 4 Complete the second sentence so that it has a similar meaning to the first sentence, using the word given. Do not change the word given. You must use between three and six words, including the word given.

I didn't know plastic bags were so dangerous for wildlife

UNAWARE

I was _____ to wildlife posed by plastic bags.

I am sure the manufacturer knew that the food was not fit to eat.

HAVE

The manufacturer _____ that the food was not fit to eat.

Companies dump their waste and the authorities will no longer tolerate it.

PUT

The authorities won't _____ their waste any longer.

You can't change what's happened, so stop complaining, Ricky.

OVER

It's no _____, Ricky.

After watching that documentary on food production, I don't want to eat.

APPETITE

I _____ after watching that documentary about food production.

I ate too much at lunchtime and now I feel sick.

SHOULD

I _____ so much at lunchtime.

The ants got into the picnic basket, didn't they, Jimmy?

DID

The ants got into the picnic basket, _____, Jimmy?