

Name: .....

### UNIT 3: THE GREEN MOMENT

Class:12....

### LANGUAGE

#### A. PHONETICS

##### I. Find the word which has a different sound in the part underlined.

- |                                    |                               |                                   |                                |
|------------------------------------|-------------------------------|-----------------------------------|--------------------------------|
| 1. A. <u>i</u> llegal              | B. cli <u>m</u> atic          | C. bene <u>f</u> it               | D. biocli <u>m</u> atic        |
| 2. A. rese <u>a</u> rch <u>e</u> r | B. ene <u>r</u> gy            | C. num <u>b</u> er                | D. de <u>a</u> th              |
| 3. A. arre <u>s</u> te <u>d</u>    | B. esti <u>m</u> ate <u>d</u> | C. claime <u>d</u>                | D. penetra <u>t</u> e <u>d</u> |
| 4. A. revolu <u>t</u> io <u>n</u>  | B. electio <u>n</u>           | C. interroga <u>t</u> io <u>n</u> | D. questio <u>n</u>            |
| 5. A. rehe <u>a</u> r              | B. appea <u>r</u>             | C. rea <u>r</u> alize             | D. pea <u>c</u> e              |

##### II. Choose the word which has a different stress pattern from the others.

- |                  |                  |                |               |
|------------------|------------------|----------------|---------------|
| 1. A. attitude   | B. infamously    | C. geneticist  | D. socialist  |
| 2. A. preference | B. attraction    | C. advantage   | D. infinitive |
| 3. A. interview  | B. essential     | C. comfortable | D. industry   |
| 4. A. situation  | B. interrogation | C. detention   | D. coalition  |
| 5. A. difficult  | B. simplicity    | C. discovery   | D. commodity  |

#### B. VOCABULARY AND GRAMMAR

##### I. Choose the correct words in the box to complete the sentences.

<i>percentages</i>	<i>nuclear</i>	<i>survival</i>	<i>derived</i>
<i>hydrogen</i>	<i>energy</i>	<i>Contaminants</i>	<i>improve</i>

- Solar technology has also emerged for the clean and renewable production of ..... as an alternative energy source.
- The sun is a powerful ..... source, and this energy source can be harnessed by installing solar panels.
- ..... are subsequently removed by harvesting the above-ground shoot biomass for volume reduction and storage.
- It is not only about looking better though, Green cities are also trying to ..... the efficiency of cities and raise the standard of living for people who stay in them.
- It was more surprising that many of the respondents also had not recently heard or read about hydrogen cars, wind energy or ..... energy.
- The numbers on a bag of fertilizer tell you the ..... of available nitrogen, phosphorus and potassium found in the bag.
- Pollution poses health hazards, endangers wild life and makes the planet unsafe for future human .....
- The term "plastic" is ..... from the Greek word "plastikos", meaning fit for moulding.

## II. Give the correct form of the words in the following sentences.

1. Rooftop gardens prevent buildings from absorbing heat from the sun, which can .....  
reduce cooling bills. SIGNIFICANT
2. Solar radiation can be ..... either into thermal energy (heat) or into electrical energy,  
though the former is easier to accomplish. CONVERSION
3. The doctor said the vitamin would ..... my calcium deficiency. REPLENISHING
4. Nick left the house and strolled down the ..... to the garden. PATH
5. If we continue to ..... our natural resources, our children will pay the price.  
DEPLETATION
6. Do you know the oldest type of ..... energy is the biomass that is derived from plant  
matter? SUSTAIN
7. When hiking in the wilderness, it is important to properly ..... of anything you can't  
pack out. DISPOSABLE
8. We buy ..... food at the farmers' market. It costs a little bit more, but we think it's better  
for our health. ORGAN
9. Jane Goodall studied chimpanzees for many years in their native ..... in Africa.  
HABITATION
10. .... is the protection of things found in nature. CONSERVE

## III. Complete each of the following sentences with a suitable preposition.

1. Hazardous gases refer to all kinds \_\_\_\_\_ gas that can be potential harmful to humans in  
certain concentrations.
2. The ship's refrigeration and air conditioning plants are designed \_\_\_\_\_ achieve no  
ozone depletion.
3. Nuclear waste can cause serious damage to the environment if not disposed \_\_\_\_\_ properly.
4. In the UK, poor air quality is responsible \_\_\_\_\_ some 40,000 deaths each year.
5. The government team \_\_\_\_\_ charge of promoting energy conservation has no campaign  
budget and with three members to handle the issue nationwide, are short of staff.
6. Biomass typically refers \_\_\_\_\_ biofuels that are obtained through biological processes  
such as agriculture and anaerobic digestion.
7. Everyday, the world produces carbon dioxide that is released to the earth's atmosphere and which will still be  
there \_\_\_\_\_ one hundred years time.
8. Mankind has been crazy to have not bothered \_\_\_\_\_ harness the sun's energy until now.
9. Business can now take advantage \_\_\_\_\_ different suppliers of both gas and electricity  
and shop for the most economical.
10. \_\_\_\_\_ a gut level, many people already grasp the key difference between fossil fuels and  
renewable energy.

**IV. Choose the word or phrase from the box that best fits the blank space in the following passage.**

*Otherwise                      Although                      For example                      Instead of                      Thanks to*

1. \_\_\_\_\_ some clever and concerned architects, this image is starting to change the concept of green cities aims to bring some beauty from rural environments into urban areas.
2. \_\_\_\_\_ filling its area with office buildings, Portland has plenty of green space for activities.
3. \_\_\_\_\_ we are all aware of the effects of oil on seabirds, oil is also extremely toxic to marine life.
4. Today there is a strong emphasis on the halt of CFC usage. CFCs, \_\_\_\_\_ known as chloro-fluoro-carbons, are ozone depleting chemicals.
5. The smoke in the atmosphere, \_\_\_\_\_, is increasing so much that the amount of sunlight has been reduced in many cities.

**V. Choose the correct words in the box to complete the sentences.**

*needs of                      dispose of                      pay off                      distributed on                      took hold*  
*accompanied by                      for granted                      absorbed into                      in part                      associated with*

1. Green products are biodegradable or easily reused either \_\_\_\_\_ or as a whole.
2. Sea level rise \_\_\_\_\_ climate change could displace tens of millions of people in low-lying areas - especially in developing countries.
3. A number of World War II munitions exploded as wildfires \_\_\_\_\_ in a forest around 40 miles southwest of Berlin, Raimund Engel.
4. In explosive eruptions, the fragmented rock may be \_\_\_\_\_ ash and gases; in effusive eruptions, degassing is common but ash is usually not.
5. Most of us take heating and cooling \_\_\_\_\_.
6. Engage students in thinking about how water is \_\_\_\_\_ Earth.
7. Water that falls on the ground can run off into streams or it can be \_\_\_\_\_ the ground. Students may also say that water can evaporate.
8. You cannot sell them or \_\_\_\_\_ them without the permission of the finance company.
9. Sustainable energy is energy that meets the \_\_\_\_\_ the present generations without compromising the ability of future generations to meet their own needs.
10. In many areas, including much of Alabama, an investment for sustainable energy sources will \_\_\_\_\_ in just a few short years.