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دائرة التعليم والمعرفة  
DEPARTMENT OF EDUCATION  
AND KNOWLEDGE

2021 عام الخمسين  
الإمارات تحتفل بيوبيلها الذهبي

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عام الخمسين  
YEAR OF THE FIFTIETH  
UAE

# English Revision

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2020 / 2021

Term3 / Unit 8-9

Grade 12

Teacher's Name: - Grade 12 English Teachers

Term 3 – Unit 8-9 Skills

Reading

Vocabulary

Writing

**Reading**

To develop learner's ability to read for meaning to classify a text and identify the key information in it.

**Vocabulary**

To know the definition of some words and expressions.

**Writing**

To write essays about pollution (causes, effects and solutions)

Global warming (causes, effects and solutions)

Introverts VS Extroverts

Preventing Animal Extinction in the UAE

## G12 Advanced / Unit 8-9 / Term 3

### Reading

#### Read the text below and choose the correct answer

Scientists and environmentalists have described a vast patch of floating rubbish in the Pacific Ocean. A large proportion of waste ends up in the ocean due to the North Pacific Gyre. This is a current that accumulates rubbish and deposits it into a massive area known as the great pacific garbage patch.

Around 80% of the debris comes from the North America and Asia, While the remaining 25% comes from boats, ship containers and oil rigs. While there are many different types of rubbish discarded into the ocean, plastic makes up the majority as it is cheap to produce and durable. The problem with the plastic is that it does not biodegrade, it's simply breaks down into smaller and smaller pieces.

The garbage patch has been described in different ways. "The pacific garbage patch is a huge environmental problem, so big that it is becoming visible from space. Some people suggest that this is nonsense, and an accurate description of the problem is required. According to Edward who is one of the environmentalists, plastic breaks down into smaller pieces called microplastics which is more worrying as fish and other marine life will ingest it.

Environmentalists suggest that as the population expands and more rubbish is dumped into our oceans, this problem is going to get bigger and micro plastic would begin to enter the human food chain and could potentially be catastrophic for people's health. The dense cloud in water blocks light, penetrating to the deeper levels of the ocean which in turn prevents a plankton and algae growth. Plankton is a major source of food for small marine life and it is on these that larger fish such as tuna depend. So, the potential for damage to the entire Marine food web is high another problem is that plastic both absorbs and leaks pollutant. As it breaks down, plastic releases chemicals into the water; for example, is BPA which has known health side-effects. Plastic also absorbs PCB, which Can enter the food chain when the plastic is eaten by marine life.

The situation is further compounded by the question of who is responsible for the rubbish patch. No one country is willing to take on that responsibility, so it is left to the environmental organization to investigate and address this. By all accounts, it can't be cleaned up as it is almost 70 years of rubbish; micro plastic is tiny and it is dispersed over a large remote area

**True/False or Not given.**

- 1- The great pacific garbage patch is visible from space.
- 2- BPA is a colorant.
- 3- Microplastics could cause major problems for people 's health.
- 4- plastic absorbs and releases chemicals.
- 5- The population is going to expand by 8%.
- 6- Around 80% Of the debris comes from North America.
- 7- plankton is a major source of food for marine life.
- 8- The rubbish cannot be cleaned up as it is almost 70 years of contamination.
- 9- The dense cloud in the water doesn't block light penetrating to the deeper level of the ocean.
- 10- Gyre means any large system of circulating ocean currents, particularly those involved with large wind movements.

### Read the text below an answer the questions by choosing the correct answer

Job interviewing never seems to get any easier even when you have gone on more interviews than you can count. You are meeting new people and selling yourself and your skills. Here are your job interview tips to help you prepare for an interview effectively. Proper preparations always help reduce some of the stress involved in job interviews.

Practice answering job interview questions most employers ask. Prepare a response so you are ready for the most common question: “why do you want to work at Our company?” Make sure you are neatly and appropriately dressed. Bring a nice portfolio with copies of your resume. Include a pen and paper for note taking. Be on time for the interview. One time means 5 to 10 minutes early. If need be, drive to the office head on time, so you know exactly where you are going and how long it will take to get there.

During the job interview try to relax and stay as calm as possible. Take a deep breath. Don't fiddle with your fingers and you try your best to control your hand gestures. Maintain eye contact with the interviewer. Listen to the entire question before you answer. Pay attention as you will be embarrassed if you forget the question. It is also highly important to relate what you know about the company when answering the questions. When discussing your career accomplishments, match them to what the company is looking for.

After the interview, follow up with a thank you email repeating your interest in the position. If you interview with multiple people, send each one a thank you note. Such behavior would leave a positive impact.

### Questions

1- The opposite of the word reduce in paragraph 1 is

- a- Ease
- b- adjust
- c- increase

2- In interviews, the question “why do you want to work at our company?” is ----- asked

- a- rarely
- b- frequently
- c- never

3- The word exactly in paragraph 2 is

- a- verb
- b- adverb
- c- noun



**4- Which paragraph gives advice on appearance?**

- a- Paragraph 1
- b- paragraph 2
- c- paragraph 3

**5- Why is it advisable to visit the interview office ahead of time?**

- a- To avoid being late
- b- To copy your Resume
- c- To arrive before others

**6- In order to avoid embarrassment during an interview,**

- a- Use hand gestures
- b- Maintain eye contact
- c- Listen carefully

**7- The word accomplishments in paragraph 3 is similar in meaning to**

- a- Punishments
- b- Achievements
- c- Movements

**8- We can understand from paragraph 4 that**

- a- Showing good manners is Advisable
- b- Asking for feedback is necessary
- c- Offering help is important

**9- Which of the following tips about an interview is not mentioned in the text?**

- a- Smile
- b- relax
- c- Pay attention

**10- The above text is most probably part of a lecture given by a**

- a- Medical doctor
- b- Career advisor
- c- Computer programmer

## VOCABULARY

**Fill in the blanks with the most suitable words:**

*Pollutant - microplastic - acclimatize - flora - fauna - herbivore - habitat - environment - carnivore - omnivore*

- 1- The ..... of an ecosystem is all the plant life present in a particular region or time.
- 2- A..... is an animal anatomically and physiologically adapting to eating plant material.
- 3- I need an ..... without stress.
- 4- some kinds of owls prefer a desert .....
- 5- An ..... means an animal or person that eats a variety of food of both plants and animals.
- 6- The ..... of an ecosystem is all of the animal life present in a particular region or time.
- 7- Sulphur dioxide is a ..... and a major contributor to acid rain.
- 8- The ..... metal complex can then enter human's body via consumption.
- 9- The coral reefs might have the ability to adapt and ..... to the rising ocean temperature.
- 10- A ..... means an animal that feeds on other animals.

## Recycling

### **Words and their synonyms**

- 1- Recycle = reprocess waste to recover reusable materials
- 2- Convert = transform / change
- 3- Nourishment = supply / feeding
- 4- Struck = hit
- 5- Diverse = different / varied
- 6- Impact = effect
- 7- Compost = a mixture of organic material
- 8- Melt = dissolve
- 9- Initiative = action / beginning
- 10- Profitable = lucrative / gainful
- 11- Exhausted = tired
- 12- Excessive = too much / exaggerated
- 13- Sustainability = ability to survive / to keep going for a long time

### **What does each word mean?**

- 1- sustainable = maintainable/ to keep going for a long time
- 2- emission = release
- 3- energy = power

### **What does waste pollution mean?**

Waste pollution is an unwanted material, chemical, or substance which is disposed of, and create some type of negative impact or change. The impact could be on the environment, human health, wild life and living organisms.

### **What does climate change mean?**

Climate change refers to the rise in average surface temperature on earth, it is also called global warming. It occurs when changes in earth's climate system result in new weather patterns that remain in a place for an extended period of time.

### **Words and their definitions**

- 1- **Extrovert:** People who get their energy from being around other people.
- 2- **Introvert:** People who get their energy from their internal world.
- 3- **Sensing:** sensors focus on what is real and logic. They believed information received from the external world.
- 4- **Intuition:** People who trust their gut feeling. They look forward rather than backward.
- 5- **Thinking:** refers to the way someone makes a decision and deals with emotions. It means that a person decides mainly based on logic and consistency. They use their heads rather than their heart, and don't show emotions easily.
- 6- **Judging:** refers to people who deal with the outside world and how they choose to live their lives.
- 7- **Perceiving:** people who generally stick to their plans, like schedules and orders. Perceiving also describes someone who likes to improvise and gets kicked out of the last minute problem.

**Words and their synonyms**

**Motivate** = encourage

**energetic** = active

**Pessimistic** = gloomy

**Enthusiastic** = keen / passionate /eager

**Productive** = fruitful / profitable

**Independent** = separate

**Aggressive** = ready to attack

**Dynamic** = positive in attitude

**ambitious** = having a strong wish to be successful

**Communicative** = willing, eager, able to talk or impart information

**Optimistic** = hopeful

**Reserved** = decent, shy, cautious

## Writing

Environmental pollution occurs when pollutants contaminate the natural surroundings. Pollution disturbs the balance of our ecosystems, affect our normal lifestyles and gives rise to human illnesses and global warming. Pollution has reached its peak due to the development and modernization in our lives. With the development of science and technology, there has been a huge growth of human potentials. People have become prisoners of their own creations.

### ***Types, causes, and effects of pollution***

Air pollution is one of the most dangerous forms of pollution. A biological, chemical, and physical alteration of the air occurs when smoke, dust, and any harmful gases enter into the atmosphere and make it difficult for all living beings to survive as the air becomes contaminated. Burning of fossil fuels, agriculture related activities, mining operations, exhaust from industries and factories, and household cleaning products entail air pollution. People release a huge number of chemical substances in the air every day. The effects of air pollution are alarming. It causes global warming, acid rains, respiratory and heart problems, and eutrophication. A lot of wildlife species are forced to change their habitat in order to survive.

Soil pollution occurs when the presence of pollutants, contaminants, and toxic chemicals in the soil is in high concentration that has negative effect on wildlife, plants, humans, and ground water. Industrial activity, waste disposal, agricultural activities, acid rain, and accidental oil spill are the main causes of soil pollution. This type of contamination influence health of humans, affects the growth of plants, decreases soil fertility, and changes the soil structure.

Water pollution is able to lead our world on a path of destruction. Water is one of the greatest natural resources of the whole humanity. Nothing will be able to live without water. However, we do not appreciate this gift of nature and pollute it without thinking. The key causes of the water pollution are: industrial waste, mining activities, sewage and waste water, accidental oil leakage, marine dumping, chemical pesticides and fertilizers, burning of fossil fuels, animal waste, urban development, global warming, radioactive waste, and leakage from sewer lines. There is less water available for drinking, cooking, irrigating crops, and washing.

### ***Solutions to pollution problems***

Environmental pollution has negatively affected the life of both animals and human-beings. The only way to control current environmental issues is to implement conservation methods and create sustainable development strategies. We should find some effective solutions in order to restore our ecological balance.

First of all, we should make sustainable transportation choices. We should take advantage of public transportation, walk or ride bikes whenever possible, consolidate our trips, and consider purchasing an electric car. It is very important to make sustainable food choices. Choose local food whenever possible; buy organically grown vegetables and fruits or grow your own.

People should conserve energy. Turn off electronics and lights when you are not in the room. Consider what small changes can lead to big energy savings. Use energy efficient devices. It is also essential to understand the concept of reduce, Reuse and Recycle. Try to buy used items whenever possible. Choose products with minimal packaging. Buy reusable items. Remember that almost everything that you purchase can be recycled.

Conserve water as much as possible. Dispose of toxic waste properly. Do not use herbicides and pesticides. Use natural, environmentally friendly chemicals for your everyday chores.

### **PARAGRAPH ON AIR POLLUTION 6**

All terrestrial life forms need air to breathe. If we do not have air to breathe we will die. We breathe in oxygen from the air and breathe out carbon dioxide. Air pollution refers to the phenomenon of harmful compounds in the form of gases and fine particles being let into the air thus polluting it.

#### **Impact of air pollution**

If the air is polluted, we cannot breathe fresh and clean air. This affects the lives of humans and all other life forms adversely. Humans suffer from various respiratory and cardiac conditions due to air pollution. Air pollution also causes diseases affecting other organs of our body. Air pollution also causes cancer. Air pollution is one of the major concerns of in the world today. Millions of people around the world die due to air pollution-related diseases each year.

#### **Causes of air pollution**

Air pollution is caused by a number of factors. Vehicular traffic is one of the causes of air pollution. When vehicles ply on the roads, the combustion of the automobile fuel, whether it is diesel or petrol, leads to the creation of poisonous gases that are released through the exhausts of the vehicles. These gases, in the form of smoke and fumes, pollute the air severely. This is a common phenomenon we witness today. When we travel on roads, whether as pedestrians or motorists, we experience difficulty in breathing and our eyes begin to water. Various alternative fuels are being used such as compressed natural gas as automobile fuel, but they too are not free from the quality of polluting the air and affecting human health. Cleaner and greener options such as battery-operated vehicles are also being designed and operated now-a-days.

Factories also contribute to air pollution in a big way. When various production processes are carried out in factories, they release smoke and fumes. These are then released into the air. We often see black smoke emanating from tall chimneys and exhaust towers of factories.

Smoke and fumes that are caused due to the burning of fossil fuels like coal, and the burning of farm wastes and other garbage also lead to air pollution.

## PARAGRAPH ON WATER POLLUTION

### **WATER POLLUTION PARAGRAPH 3 (200 WORDS)**

Water pollution refers to the contamination of water by the addition of certain harmful substances in a quantity which is way beyond the safety standards. This contamination of water leads to various problems for human beings, aquatic life and flora and fauna of the affected area.

#### ***Causes of Water Pollution***

There are various causes of increase in water pollution with industrialization and increasing population being the major one. With the increase in population around the world, the demand for various industrial products has been stimulated which has led to the increase in industrial waste. Many such industries discharge the waste into nearby water bodies without proper treatment which leads to the addition of harmful chemicals in the water body.

Modern methods of agriculture are also a leading cause because with the increase in use of chemical infused pesticides and germicides the soil is tampered and the water flowing through it gets mixed with these chemicals and loses its purity. These agricultural pesticides are a leading cause of eutrophication of freshwater lakes.

Other causes of water pollution include acid rain, improper sewage treatment, discharging of hot water without cooling by thermal power plants, religious rituals such as disposing corpses into the rivers and various other urban and rural practices. Hence, these are the root causes of increasing water pollution. In order to eradicate the contamination of water these issues have be to be tackled with the help of advanced technology and scientific principles.

## GLOBAL WARMING ESSAY 3 (200 WORDS)

Global warming is the steady and continuous rise in the level of earth temperature. Our earth surface is becoming hotter day by day just because of some unnoticeable habits of human beings all across the world. Global warming has become the most worrying threat for the earth's atmosphere as it is reducing the life possibilities on the earth day by day through a continuous and steady declining process.

Before planning the solutions of the global warming, we must think about the causes and effects of it on the atmosphere in order to get sure that we are in right direction of getting full relief from this issue. The continuous warming of the earth surface is the increasing emission of CO<sub>2</sub> in the environment. However, the increasing level of CO<sub>2</sub> is caused due to many reasons like deforestation, use of coal, oil, gas, burning of fossil fuels, burning of gasoline for transportation, unnecessary use of electricity, etc. which in turn causes rise in earth temperature. Again, it becomes the reason of rising sea level, occurrence of flooding, storms, cyclone, ozone layer damage, changing weather patterns, fear of epidemic diseases, lack of food, death, etc. We cannot blame any single entity for this as each and every human being is responsible for the increasing threat of global warming which can be solved only by the global awareness and kind efforts of everyone.

### Solutions of Global Warming

Many awareness programs to reduce global warming have been run and implemented by the government agencies, business leaders, private sectors, NGOs, etc. Some of the damages through global warming cannot be returned by the solution (like melting of ice caps). However, we should not get back and try everyone's best to reduce the effects of global warming by reducing the human causes of global warming. We should try to reduce the emissions of greenhouse gases to the atmosphere and adopt some climate changes which are already happening for years. Instead of using electrical energy we should try using clean energy or energy produced by solar system, wind and geothermal. Reducing the level of coal and oil burning, use of transportation means, use of electrical devices, etc may reduce the global warming to a great level.

## Introverts VS Extroverts

Comparison of Introverts VS Extroverts Example Personality is an individual's characteristic pattern of thinking, feeling, and acting. These unique characteristics and behavior patterns are what distinguishes one human from the next. Evaluating personality can be complex and there a many puzzle pieces to it, but a simple way to categorize someone's personality is if they are considered introverted or extroverted. Introverted individuals are normally described as shy and reticent, while extroverted people are known to be outgoing and overtly expressive.

However, most people believe themselves to be neither introverts nor extroverts because they share a mix of the traits that define an introvert or an extrovert. Introverts and extroverts sit on two ends of a spectrum and generally people fall somewhere in between. On one end of the spectrum is the introvert. An introvert is a person who is fixated more on internal thought and feelings, rather than seeking out external motivation. Introverts are known to be more quiet, reserved and reflective. They are not very social and prefer to spend time in solitude, engaging in quite activities, like reading, writing, painting, etc., which keeps them content. Being in a crowded room, like a party makes them uneasy and anxious.

On the complete opposite side of the spectrum is the extrovert. An extrovert is a person who worries more about the external world and people. Extroverts are confident, enthusiastic, chatty, blunt, etc. Extroverts are social and tend to grow bored when they are not around people. You often run into extroverts in social gatherings, like a party where their personality can flourish. Introverts have to expend energy in social situations, contrasting extroverts who gain energy from such interactions.

The basic difference between the personalities is that introverts are more concerned with their own thoughts and feelings, while extroverts are more concerned in what is happening around them. Introverts seek their own personal space while extroverts are more into socializing and tend to welcome anyone. Usually, introverts are standoffish and only have a few close friends. Extroverts have multiple friends and welcome new friends with ease. Introverts often appear to be quiet and, and extroverts normally talkative. Before speaking introverts think and analyze the situation. Extroverts, on the other hand, are blunt at nature and speaks whatever is on their mind. Extroverts are fixated with the external world, and introverts on the internal world.

## Preventing Animal Extinction in the UAE

### Introduction



In essence, the UAE has been at the forefront of protecting endangered species from extinction and promoting an increment in their population, by putting up breeding programs which help in multiplication of such animals.

For instance, the Breeding Centre for Endangered Arabian Wildlife (BCEAW) was one of the areas which were created to help in breeding of endangered species (Sharjah Zoo Wildlife Centre, n.d.). This paper will thus discuss various plans which have been enacted to prevent extinction of Dugong, Hawksbill Turtle, Arabian Oryx, Sand Cat and Arabian Leopard.

## Dugong

The UAE is conducting intensive programs to prevent the ultimate extinction of dugongs which have been listed as one of internationally endangered species. In this light, the Environmental Agency of Abu Dhabi (EAD) has implemented a series of programs to realise this vision (UAE is Making Intensive Efforts to Protect Dugongs from Extinction, 2012). Since 1999, EAD has been studying behaviors of this animal in regard to breeding, movement and location among other aspects.

The identification, which lasted 4 years, helped in identifying their distribution and locations of territorial waters which have been currently protected against human destruction. This protection allows continuation of natural breeding, which essentially aids in preventing possible extinction.

## Hawksbill Turtle

In light of protecting the hawksbill turtle in the UAE, the government has developed a project known as Dubai Turtle Rehabilitation project which takes care of sick and injured turtles until they recover.

These turtles are rehabilitated in Dubai Wildlife Protection Office, where their primary care is administered, and then returned to the sea (Turtle Rehabilitation in Jumeirah, n.d.). This project has helped profoundly in preventing a further decrement in the population of turtles, which could ultimately cause their extinction.

## Arabian Oryx

The conservation program of Sheikh Zayed is perhaps the most remarkable effort in regard to preventing extinction of the Arabian oryx in the UAE. Zayed identified the possibility of these animals' extinction and consequently started on a conservation program in 1968 (Arabian Oryx Conservation Program in Abu Dhabi, n.d.). He ordered wardens to capture four animals that remained alive and started a breeding program in Al Ain Zoo (Arabian Oryx Conservation Program in Abu Dhabi, n.d.). Afterwards, he came up with another program at Sir Bani Yas Island where three female and two male



animals bred to give rise to the current thriving population amounting to more than 4,500 heads of the Arabian oryx (Arabian Oryx Conservation Program in Abu Dhabi, n.d.).

## Sand Cat

Sand cats are among the critically endangered species in the UAE and other parts of the world. When attempting to prevent this animal from extinction, Al Ain Park (AWPR) has implemented a program that applies an assistive reproduction technique.

When using it, specialists combine In Vitro Fertilization and Embryo Transfer (IVF-ET) to breed cats that are found in AWPR and those obtained from the USA (Phase II of Operation Save Sand Cat Begins, 2013). These embryos are then implanted into a recipient mother to facilitate multiplication of the animals. This program has contributed profoundly in ensuring existence of sand cats and their population increment.

## Arabian Leopard

Establishment Arabian Leopard in 1993 was the most evident initiative that helped in conserving the endangered Arabian leopard from extinction (Photofield, n.d.). In light of this conservation, Leopard Trust intensified the conservation of the leopard mountainous habitat in order to maintain the ecosystem that sustains its food. The mentioned Leopard Trust banned all human activities in these habitats and intensified the development of captive breeding programs which have helped to increase the leopard population.