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G.S.4
Test-II

Q.3

A)

Effects of Global Warming on Pakistan

The Global Warming is the result of human activities on earth. This is all because of the disorder of nature due to the human activities. The main effects of global warming on Pakistan are discussed below.

Effects on Pakistan

① Heavy rainfalls and floods
Yes, the floods

are the result of the Global warming. As in 2011, 2022 and recently in 2025 Pakistan faced heavy rainfalls that are the result of the Global warming. The floods in 2010-2011 are also the major effects of Global Warming on Pakistan.

(2)

(ii) Melting of large Glaciers

The Glaciers start melting bit by bit just because of the rapid rase in the temperaturer that is also an effect of the Global Warming.

(ii'i) Rapid rase in normal temperature.

Yes, The rising normal temperature is also another major effect of the Global Warming in Pakistan. Cities like Jacobabad and Sibi are the hottest cities in Asia.

(iv) Infrastructure damage

Damage is Infrastructure the another effect of the global warming on Pakistan.

① ~~the~~ (Non-renewable resources)

Shortages - (The excess use of anything is bad). The non ~~new~~ renewable resources are at peak just because of climate disorder.

(3)

Suggestions.. In order to tackle these all consequences Pakistan must follow these Steps.

(i) Plantation The Move planet plantation, The better and normal will be the temperature.

(ii) Shift towards the renewable resources of Energy

Yes, There is a need to shift towards the renewable resources of Energy such as (Solar, Hydro and Tidal)

(iii) Long term policies

Next, There is a need of long term policies regarding the disorder of climate and temperature.

By doing so, there is a beacon of hope for the satisfactory results.

(4)

Q:3

B) Importance of Balanced Diet

The balanced diet plays a noteworthy role in our daily life. It is the complete nutrition for the energy and growth for body in the shape of

- Carbohydrate 45-50%.
- Proteins 20-25%.
- Fats and Oil 10-15%.
- Water and Energy

It plays a key role in maintaining the normal energy level of body.

Now, there are also few disorders ~~disorder~~ (of unbalanced diet)

Yes the disorders

are

- Night blindness (due to vitamin A)
- Beri Beri disease (due to B)
- Scurvy disease (due to the deficiency of vitamin C. So these are the disorders due to unbalanced diet.

(5)

Q:3

Ans

. D)

SWM

SWM is the
"Solid Waste Management" process
that is used to manage,
control and transport the
all the solid waste
material. It is a
topic of great concern
in physical science.
Now there
are few available methods
these are.

Available Methods

① Source Reduction Refuse..

This method
involves the controlled burning
of waste at high temperature
to significantly reduce its
volume.

② Recycling..

This is the final
disposal method for residual
waste that can not be
recycled or treated, it is
just to prevent environmental
contamination

(6)

③ Composting and Anaerobic Digestion Hazardous or biomedical waste require specific treatments such as autoclaving, chemical fixation or specialized incineration to ^{destroy} pathogens.

In short, the Solid Waste Management (SWM) combines several of these practices to create a sustainable, efficient and comprehensive system of handling a community's waste.

(7)

Q.1

Ans:-

A) GHE

Green House Effect

The Greenhouse

effect is a primary cause of global warming that is due to human activities it is due to the

- Burning of fossil fuels The combustion of coal, oil, and natural result in the Green House Effect that result in the global warming.

- Deforestation : Yes, it is also a leading cause of the GHE, that raises the earth's temperature

Agriculture and livestock : Activities such as rice cultivation, fertilizer use and digestive system of livestock (cows).

It is all about the (GHE) Green House effect in context of Global warming.

(8)

Q.1

Ans:

Q.1

Ans

B) Vitamins.

Vitamins are an essential and key factor of daily balanced diet that play a key role in the energy and growth of body.

① Types

vitamin A, vitamin B,
C, D etc

Sources

Vitamin A:- From the green vegetables, carrot, dairy products

Vitamin B:- dairy product

Vitamin C:- Banana, fruit

Vitamin D:- Sunlight

Deficiency

• Vitamin A results in night blindness

• Vitamin B results in Beri Beri

• Vitamin C results in Scurvy

• Vit (D) results in Rickets

⑨

Q:1

Ans

c) Optic Fiber

The use of Fiber/Thread in the telecommunication to send the data for proper communication is known as the Optic Fiber

It play a key role in

- daily life telecommunication
- space / data sharing
- enable high bandwidth communication
- High speed and a reliable communication form.

In short, it is one of the best form of the communication

Q:1

Ans:

D)

Water Pollution

The pollution of water due to the human activities is called as the water pollution.

Sources

• Surface water pollution. (Rivers)
lakes/ oceans

• Ground water pollution.
Earth's surface
agriculture leach leaching.

Point source

Factory/
industries etc

Types : chemical pollution,
Nutrient pollution etc

Measures

resource, use of renewable
of plastic and we
sessions in public awareness