

Provincial Education Department – Weekly School

Subject: Science

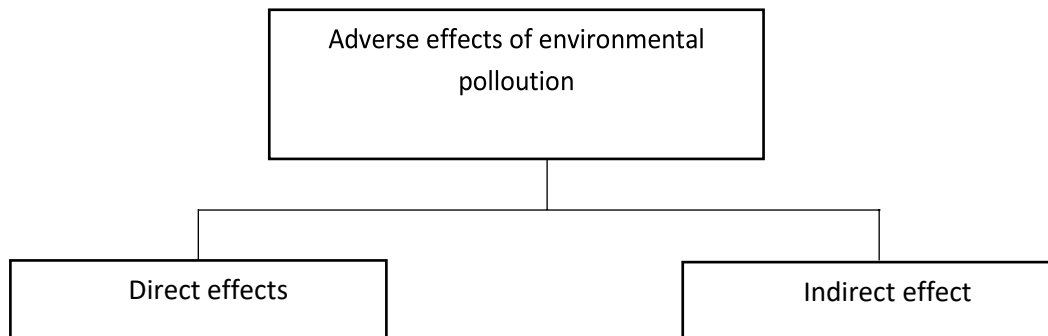
Week -

Grade :- 11

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Biosphere – IV

Adverse effects of environmental pollution.



01. Name the direct and indirect adverse effects of environmental pollution separately.

02. The followings are some direct adverse effects of environmental pollution. Select them according to the cause and fill the table.

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|--|---------------------------------------|
| A) Destroying of forests and crops | B) Causing cataract of the eye |
| C) Changing the global climatic patterns | D) Dissolving of rocks as limestone |
| E) Decreasing the body immunity | F) Melting of polar ice caps |
| G) Affecting photosynthesis and reduce crop yield | H) Causing mutations and skin cancers |
| I) Destroying and aquatic organisms due to increasing the acidity in water | |
| J) Destroying of metallic buildings statues and other ruins | |

Due to acid rains	Due to global warming	Due to depletion of ozone layer

03. Name 03 gases that cause the increasing of the acidity of rain water.

04. What are the 02 types of acids that cause the “acid rains”?

05.



Biomagnification is a direct adverse effect of the environmental pollution. What is the meaning of biomagnification?

06. Write 02 features of the bioaccumulated substances.

07. Who is the organism with the maximum amount of bioaccumulated substances of above food chain?

08. Fill in the blanks by using the given words.



..... and Concentration in reservoirs increases due to waste materials, from industries, agrochemicals and defergents. As a result grow exssively and form a green colured foamy layer. This is called

The over populaed algae die due to compeletion and act on these dead matter and emit gases such as hydrogen suiphideand which result an up pleasant odour.

(Algae, Ammonia faecel matter, nitrate, phoshate, a naerobic, bacteria, methane, eutrophication)

09. Write 02 ill effects of eutrofication.

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10. Write 02 reasons for increasing of radiation level.

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11. Write 02 adverse effects of photochemical smog.

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12. Name 03 sources that release the environmental pollutants and name a pollutant released by each.

Source	Released pollutants

13. Write 03 methods that can be used to minimize the environmental pollution with and examples.

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