

Year 11

IGCSE Biology

Human Influence  
On The  
Environment

Name: \_\_\_\_\_

## Human Influence

1. Complete this paragraph:

“We \_\_\_\_\_ to our environment instead we have  
\_\_\_\_\_ the environment to \_\_\_\_\_”

Increases in demands are being made on:

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## Agriculture

1. Farmers must

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2. In order to obtain maximum yields farmers must

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3. Describe monoculture?

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4. What is the importance of fertilisation?

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5. Give examples of

Organic fertiliser \_\_\_\_\_

Inorganic fertiliser \_\_\_\_\_

6. Primary nutrients are those elements plants consume in large amounts.  
List these nutrients.

7. What are the secondary plant nutrients?

8. Micronutrients are also need by plants, but only in small quantities.  
Complete the table of micronutrients


9. What methods are used to determine if plants need fertilizer?

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10. Why are pests a problem for farmers?

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11. Match the chemical with the pest

Insecticide

Snails

Fungicide

Weeds

Molluscicide

Beetles

Herbicide

Mushrooms

12. Describe the ideal pesticide

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13. Describe bioaccumulation and biomagnification

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14. What problems occur if pesticides are not used correctly?

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15. Explain what is meant by economic threshold

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16. What is the advantage of using biological pest control?

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17. List methods of biological control

# Greenhouses

1. What is the advantage of using a greenhouse to grow plant crops?

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2. Describe how a greenhouse works

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3. Greenhouses provide ideal conditions for crops. These conditions are

\_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_, and \_\_\_\_\_.

4. Greenhouse pest control can be \_\_\_\_\_. This helps reduce the need of \_\_\_\_\_.

# Fish Farming

1. What is the advantage of Fish Farms?

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2. What are the disadvantages of Fish Farms?

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3. List the top fish found in a fish farm?

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4. Quality of water is very important in fish production. List the 3 characteristics

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5. Explain how fish get their oxygen from the water

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6. Excessive nitrogen can be a major problem in fish farms. Where does this nitrogen come from?

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7. In addition to excessive nitrogen, list the other problems that can occur in a fish farm

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8. List the various methods of fish farming.

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# Pollution

1. Pollution is the release of any \_\_\_\_\_ into the environment in amounts that can cause \_\_\_\_\_ and which \_\_\_\_\_ can't easily remove.

2. List examples of air pollution

3. How much as CO<sub>2</sub> increased over the past 100 years?

4. What are the effects of global warming?

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5. Why is carbon monoxide so dangerous?

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6. What are the importances of indicator species?

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7. How is methane gas produced?

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8. List the three major freshwater pollutants

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9. Describe the process of eutrophication

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10. List three freshwater indicator species?

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11. How would you control the current problem of pollution