



# BIOLOGY

## BOOKS - EVERGREEN BIOLOGY (ENGLISH)

### POLLUTION

#### Review Questions

1. Define the following:

Pollution



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**2. Define the following:**

Pollutants



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**3. Define the following:**

Smog



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4. Account for the causes of acid rain.



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5. What is smog and greenhouse effect?



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6. Discuss the effect of air pollutants on plants.



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7. Why are nuclear power plants considered threat to ecological security?



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8. Tick (V) the statements which are correct.  
Rewrite the wrong statements in their correct form.

Man is the only source of environmental pollution.



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**9.** Tick (V) the statements which are correct.

Rewrite the wrong statements in their correct form.

All pollutants are degradable.



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**10.** Tick (V) the statements which are correct.

Rewrite the wrong statements in their correct

form.

All types of wastelands can be reclaimed.



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**11.** Tick (✓) the statements which are correct.

Rewrite the wrong statements in their correct

form.

All types of pollutants can be recycled.



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**12.** Tick (V) the statements which are correct.

Rewrite the wrong statements in their correct form.

Kolkata is the most polluted city in India.



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**13.** Tick (V) the statements which are correct.

Rewrite the wrong statements in their correct form.

Underground water is safest and not polluted.





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**14.** Tick (V) the statements which are correct.

Rewrite the wrong statements in their correct form.

DDT is a non-degradable pollutant.



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**15.** Tick (V) the statements which are correct.

Rewrite the wrong statements in their correct form.



CNG is mainly responsible for the formation of acid rain.



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**16.** The process of industrialization as a whole is extremely hazardous. Comment.



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**17.** List any three important pollutants of air, water and soil pollution.



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**18.** Suggest three steps that should be taken to check air, water, soil and noise pollution.



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**19.** What does Euro/Bharat standard for vehicular pollution mean?



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**20.** Name various communicable diseases spread by way of polluted water.



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**21.** Name the following:

The chemicals leading to the formation of black hole.



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**22.** Name the following:

The gases which mainly contribute for causing acid rain.



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**23.** Name the following:

The element which caused minamatta disease in Japan.



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**24.** Name the following:

The gas that reduces oxygen carrying capacity of the blood.



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**25.** Name the following:

One water pollutant.



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**26.** Name the following:

The pollutants that cannot be broken down to simple and harmless products.



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**27.** Name the following:

A non-biodegradable pesticide.



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**28.** Name the following:

One gaseous compound which depletes the ozone layer.



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**29.** Name various sources of air pollution.



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**30.** What does noise pollution mean ? Give its various sources and effects on human beings.



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**31.** Give various man-made sources of radiations.



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**32.** Give some bad effects of radiations on human beings.



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**33.** Suggest some methods of control of noise pollution



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**34.** How air pollution indirectly causes soil pollution ?



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**35.** Define radioactivity. Name various radioactive elements.



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**36.** State any two harmful effects of acid rain.



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**37.** Give the biological/technical term for the following:

A constituent that causes pollution.



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**38.** Give the biological/technical term for the following:

A mixture of smoke and fog.





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**39.** Give the biological/technical term for the following:

The process causing an undesirable change in the environment.



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**40.** Give the biological/technical term for the following:

The type of waste generated in hospitals and pathological laboratories.



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**41.** Use of CFC is banned in many countries.

Give scientific reasons.



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**42.** Briefly explain biomedical waste.



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**43.** State any two harmful effects of noise pollution on human health.



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**44.** Choose the correct option from the four given below:

An example of non-biodegradable waste is

A. Vegetable peels

B. Sewage

C. Livestock waste

D. DDT

**Answer:**



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**45.** Choose the correct option from the four given below:

Which one of the following is a Greenhouse gas ?

A. Oxygen

B. Methane

C. Sulphur dioxide

D. Nitrogen

**Answer:**



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**46.** Choose the correct option from the four given below:

The prime source of chlorofluorocarbons is :



A. Vehicular emissions

B. Industrial effluents

C. Domestic sewage

D. Refrigeration equipments

**Answer:**



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**47.** Explain the term greenhouse effect.



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**48.** Find the odd term out.

Sewage, Newspaper, Styrofoam, Hay.



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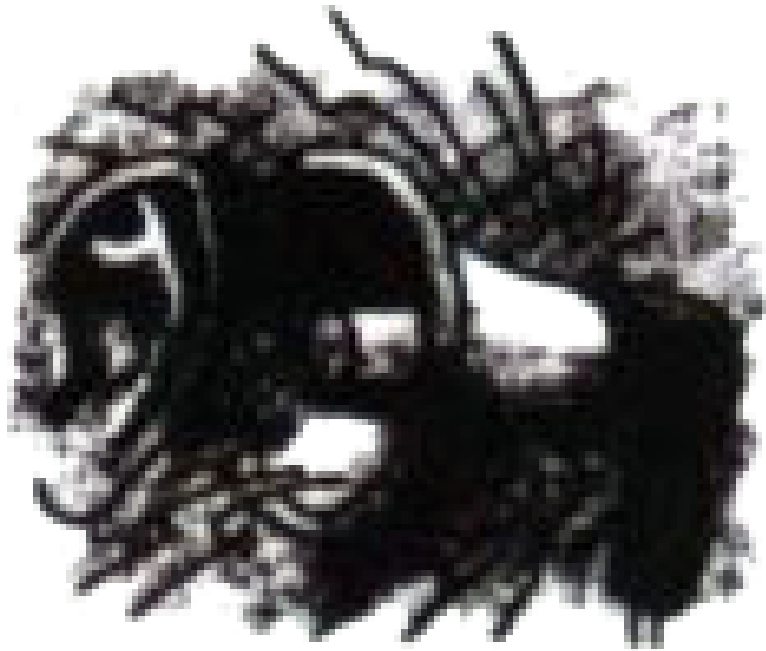
**49.** Find the odd term out.

Detergents, X-rays, sewage, oil spills.



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50. Given below is a representation of a kind of pollution. Study the same and answer the questions that follow :



(i) Name the kind of pollution.

(ii) List any three common sources of this pollution

(iii) Mention three harmful effects of this pollution on human health.

(iv) Explain the term 'Pollutant'.

(v) Name two soil pollutants.



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**51.** Given below is a representation of a type of pollution.

Study the picture and answer the questions :

(i) Name the type of pollution shown in the picture.



(ii) Name one source of this pollution.

(iii) How does this pollution affect human health ?

(iv) Write one measure to reduce this pollution.

(v) State one gaseous compound that leads to the depletion of the ozone layer and creates'Ozone holes'.



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**52.** Give suitable biological reasons for the following statements :

Acid rain is harmful to the environment.



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**53.** Identify the ODD term in each set and name the CATEGORY to which the remaining three belong:

Example: glucose, starch, cellulose, calcium

Odd term: calcium

Category: others are different types of carbohydrates

Polythene bag, Crop residue, Animal waste, Decaying vegetable.



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**54.** Study the picture given below and answer the following questions :



(i) Identify the type of pollution.

(ii) Name one pollutant that causes the above pollution.

(iii) Mention the impact of this pollution on human health.

(iv) State one measure to control this pollution.

(v) What is a 'Pollutant' ? Explain the term.





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**55.** Mention any two objectives of 'Swachh Bharat Abhiyan'.



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