

# Textbook questions

## Revision test 2

**Instructions for students:** Follow your teacher's instruction. Also you can attempt this test online and see your result.

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**Topic:** Textbook questions

**Dates:** 25.10.2022 until unlimited

**Question count:** 5

**Total marks:** 18

**1. Give very short answer V (2 m.)**

**Name some pollutants.**

a. Burning of fossil fuels - .....

b. Burning fossil fuels release fine particles -

.....

c. Toxic gas - .....

d. Sewage - .....

e. Industrial effluents - .....

f. Agricultural pollutants - .....

g. Solid waste - .....

h. Plastics, broken electronics - .....

- A) Carbon monoxide
- B) Ash and soot
- C) Liquid wastes from factories
- D) Oil, petrol, coal and natural gas
- E) Land pollutants
- F) Wastes dumped in to the water bodies
- G) Chemical pesticides and fertilisers
- H) Water used at home for bathing, cleaning, cooking

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## 2. Short answer question III (3 m.)

**Write the importance of the food chain.**

a. Food chain helps to understand the feeding relationship and interaction between organisms in an ecosystem.

- A) False
- B) True

b. Understanding the food chain will not help us to understand energy flow and nutrient circulation in an ecosystem.

- A) False

**B) True**

c. The food chain is used to study the movement and impacts of toxic substances.

**A) True**

**B) False**

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### 3. Question based on Higher Order Thinking Skills (HOTS) II (5 m.)

**Explain the link between waste and dangerous diseases like dengue and malaria?**

a. Non-biodegradable substances - .....

b. Non-biodegradable substances cannot be

broken down into the soil by - .....

c. Mosquitoes breed in - .....

d. Dengue is caused by - .....

e. Mosquito reproduces in - .....

**A) Natural agents**

**B) Little pools of water**

C) *Aedes aegypti*

D)

Plastic materials, metal scraps, bottles and aluminium cans

E) Solid waste mud pots

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#### 4. Answer in detail II (5 m.)

**Write a short note on noise pollution.**

a. Noise pollution has had no negative impact on the environment.

A) True

B) False

A) Noise pollution has had no negative impact on the environment.

B) Noise pollution has an impact on the environment.

b. Noise pollution has not been linked to stress or adverse health effects.

A) False

B) True

**A)** Noise pollution has been linked to stress and adverse health effects like high blood pressure and hearing loss.

**B)** Noise pollution has not been linked to stress or adverse health effects such as high blood pressure and hearing loss.

**c.** Fireworks and machines cause noise pollution.

**A)** False

**B)** True

**A)** Loud noise and loud music damages the ears.

**B)** Loud noise and music do not damage the ears.

**d.** Birds do not need to communicate louder.

**A)** True

**B)** False

**A)** Birds need to communicate louder so that they can hear in noisy areas.

**B)** Birds do not need to communicate louder so that they can hear in noisy areas.

**e.** Underwater noise pollution from ships can cause whales to become disoriented.

**A)** False

**B)** True

**A)** Underwater noise pollution from ships cannot cause them to become orientated because whales do not use sounds to navigate.

**B)** Underwater noise pollution from ships can cause whales to become disoriented because they use sounds to navigate.

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### 5. Question based on Higher Order Thinking Skills (HOTS) I (3 m.)

**What would happen if an organism is removed from the food chain?**

**a.** The sequence of living creatures that represent who eats whom in an ecosystem is called a

**A)** food chain

**B)** food web

**b.** If an organism is removed from the food chain,

**A)** the food chain will disintegrate, and the ecosystem will become unbalanced and

collapse.

**B)** the food chain will integrate, and the ecosystem will become balanced

**c.** Arrange the following in a correct sequence and form a food chain.

**A)** Grasshoppers → Plants → snakes → frogs → hawks.

**B)** Plants → grasshoppers → frogs → snakes → hawks.

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