

# Ecosystem and pollution Progress test 3

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

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**Topic:** Ecosystem and pollution

**Dates:** 25.10.2022 until unlimited

**Question count:** 3

**Total marks:** 19

**1. Trophic levels, energy pyramid, ways to dispose biodegradable and non-biodegradable wastes (5 m.)**

**Choose the correct answer:**

1. Animals that eat plants

- A) primary consumers
- B) secondary consumers
- C) producers
- D) tertiary consumers

2. The importance of food chain includes

- A) estimation of energy flow and nutrient calculation in an ecosystem

- B) understand the feeding relationship between organisms
- C) all of the above
- D) movement of toxic substances and the impact of pollution can be studied

3. Garbage attracts a lot of

- A) all of the above
- B) mosquitoes
- C) flies
- D) cockroach

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**2. Types of pollution associated with waste disposal and solid waste management (5 m.)**

**Choose the correct answer:**

1. Organic wastes are converted to manure through

- A) incinerator
- B) landfill
- C) composting
- D) none of the above

2. When burning wastes in high temperature there is

- A) killing of germs that cause contagious disease
- B) enormous heat generation
- C) none of the above
- D) all of the above

3. Reduction of air pollution includes

- A) all of the above
- B) cycling or walking short distances
- C) usage of motor vehicles for travelling
- D) solid wastes can be burnt to dispose them

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**3. Environment and ecosystem, waste disposal, and pollution caused due to it (9 m.)**

**Choose the correct answer:**

**A)**

**Statement 1** - Surrounding or space where an organism lives is called environment.

**Statement 2** - Any changes that take place in the environment, has a big impact on the entire ecosystem.

- A) Both the statements are wrong
- B) Only statement 1 is right
- C) Both the statements are right
- D) Only statement 2 is right

**B)**

**Statement 1** - Grass → Insect → Deer → Snake → Eagle is a correct food chain.

**Statement 2** - Food chains shows the relationship between the producers and the consumers.

- A) Both the statements are wrong
- B) Both the statements are right
- C) Only statement 2 is right
- D) Only statement 1 is right

**C)**

**Statement 1** - Non-biodegradable wastes can be decomposed through natural agents and microorganisms.

**Statement 2** - Non-biodegradable items are immune to natural process, and thus cannot be decayed or broken into simpler substances.

- A) Only statement 2 is right
- B) Both the statements are right
- C) Both the statements are wrong
- D) Only statement 1 is right

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