

PRACTICE WORKSHEET 1: A TREAT FOR MOSQUITOES | CLASS 5

ENVIRONMENTAL STUDIES

Multiple Choice Questions

1. What is the main way malaria is spread?
 - a. By drinking contaminated water
 - b. By the bite of female Anopheles mosquitoes
 - c. By eating stale food
 - d. By using unclean clothes
2. What is a common symptom of malaria?
 - a. Fever with chills
 - b. Skin rash
 - c. Stomach ache
 - d. Headache without fever
3. What did Ronald Ross discover inside the stomach of a female mosquito?
 - a. Germs that spread typhoid
 - b. Germs that spread malaria
 - c. Germs that spread cholera
 - d. Worms
4. Why is stagnant water a problem?
 - a. It attracts birds
 - b. It provides a breeding ground for mosquitoes
 - c. It dries up quickly
 - d. It becomes too salty
5. What did the poster on malaria suggest doing to prevent mosquito breeding?
 - a. Keeping water in tanks for a long time
 - b. Using mosquito nets and cleaning water tanks weekly
 - c. Growing plants near water tanks
 - d. Keeping pits full of water

Fill in the Blanks

1. Malaria spreads through _____ mosquitoes.
 2. Ronald Ross won the _____ Prize for discovering how malaria spreads.
 3. Mosquitoes lay their eggs in _____ water.
 4. The _____ tree bark was traditionally used to make medicine for malaria.
 5. Symptoms of malaria include _____ with chills.
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True or False

1. All mosquitoes spread malaria. (True/False)
 2. Flies can spread diseases without biting humans. (True/False)
 3. Ronald Ross conducted his malaria research in India. (True/False)
 4. Mosquito larvae can grow in clean water. (True/False)
 5. Spreading oil on water kills mosquito larvae. (True/False)
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Short Questions

1. How can we prevent mosquitoes from breeding near our homes?
 2. What did Ronald Ross discover about malaria, and why was it important?
 3. Why should water not be allowed to collect in coolers and pots?
 4. What is the purpose of putting fish in water tanks as suggested by the malaria poster?
 5. How can a blood test confirm if someone has malaria?
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Long Questions

1. Describe the life cycle of a mosquito and how it contributes to the spread of diseases.
 2. Discuss the role of Ronald Ross in the discovery of how malaria spreads and its impact on health.
 3. What measures can schools and communities take to prevent the spread of diseases caused by mosquitoes?
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Answer Key

Multiple Choice Questions

1. b. By the bite of female Anopheles mosquitoes
 2. a. Fever with chills
 3. b. Germs that spread malaria
 4. b. It provides a breeding ground for mosquitoes
 5. b. Using mosquito nets and cleaning water tanks weekly
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Fill in the Blanks

1. Female Anopheles
 2. Nobel
 3. Stagnant
 4. Cinchona
 5. Fever
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True or False

1. False
 2. True
 3. True
 4. True
 5. True
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Short Questions

1. Prevent mosquitoes from breeding by cleaning and drying coolers, covering water tanks, and not allowing water to collect in pits or open containers.
2. Ronald Ross discovered that female Anopheles mosquitoes spread malaria by carrying germs in their stomachs, helping develop methods to prevent and treat the disease.
3. Stagnant water in coolers and pots provides an ideal place for mosquitoes to lay eggs, increasing their population.
4. Fish eat mosquito larvae, preventing them from growing into adult mosquitoes that spread diseases.
5. A blood test can detect the presence of malaria germs in red blood cells under a microscope.

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Long Questions

1. **Life cycle of a mosquito:** Mosquitoes lay eggs in stagnant water, which hatch into larvae. Larvae grow into pupae and then into adult mosquitoes. Female mosquitoes bite humans and animals to feed on blood, spreading diseases like malaria.
2. **Role of Ronald Ross:** Ronald Ross discovered malaria germs inside female mosquitoes in 1902, proving that mosquitoes spread the disease. His findings led to better prevention and treatment, saving countless lives worldwide.
3. **Measures to prevent mosquito-borne diseases:** Schools and communities can prevent diseases by keeping surroundings clean, using mosquito nets, adding fish to water tanks, spraying oil on stagnant water, and raising awareness through posters and campaigns.