How do We Control Fire

A. Choose the Correct Answer:

1. Which of the following is not required to control fire?

a) Removing oxygen
b) Lowering temperature
c) Increasing fuel supply
d) Removing the fuel

2. The most commonly used fire extinguisher contains:

a) Water
b) Nitrogen
c) Carbon dioxide
d) Oxygen

3. Which type of fire extinguisher is best for electrical fires?

a) Water
b) Foam
c) Carbon dioxide
d) Oil

B. Fill in the Blanks:

1. The three components of the fire triangle are fuel, _____, and heat.
2. Fire can be extinguished by cutting off the _____ supply.
3. Water should not be used to put out _____ fires.

C. Case Study:

During a school lab experiment, a small fire broke out due to a short circuit. The teacher quickly used a carbon dioxide extinguisher to put it out and explained that water should never be used on electrical fires as it can conduct electricity and cause shock.

Case Study Questions:

1. What caused the fire in the school lab?
2. Why was a carbon dioxide extinguisher used instead of water?
3. What could happen if water was used on an electrical fire?
4. What do we learn from this incident about fire safety?

D. Short Answer Questions:

1. What are the three essential components needed for fire to burn?
2. Name two ways to extinguish fire.
3. Why is water not suitable for extinguishing oil or electrical fires?

E. Long Answer Questions:

1. Explain how fire can be controlled or extinguished by removing any one of its essential components.
2. Describe different types of fire extinguishers and the kinds of fires they are used for.
3. Why is it important to follow safety rules when dealing with fire? Give examples.