

# Written Quiz

INSTRUCTIONS: This is a combination  
FILL-IN/TRUE-FALSE/MULTIPLE CHOICE test.

Fill-in portion: Fill in the correct answer in the space provided.

**POINTS**

- |    |  |           |
|----|--|-----------|
| 1. | What are the four components of the foam tetrahedron?      | <u>20</u> |
|    | a. _____   |           |
|    | b. _____   |           |
|    | c. _____   |           |
|    | d. _____   |           |
| 2. | What are the four extinguishing actions that foam creates? | <u>20</u> |
|    | a. _____   |           |
|    | b. _____   |           |
|    | c. _____   |           |
|    | d. _____   |           |
| 3. | List four advantages to using foam on wildland fires:      | <u>20</u> |
|    | a. _____   |           |
|    | b. _____   |           |
|    | c. _____   |           |
|    | d. _____   |           |
| 4. | Avoid applying dry foam during                             | <u>10</u> |

# Written Quiz

5. What is the recommended treatment for eyes that have come in direct contact with foam concentrate or foam solutions? 10

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

INSTRUCTIONS: True/False portion: Circle the letter preceding the correct answer.

6. Dry foam adheres well to vertical surfaces and is obtained by increasing the mix ratio. 10

True      False

INSTRUCTIONS: Multiple choice portion of the test: For each of the following questions or statements, circle the letter preceding the correct answer.

7. Foam for use on wildland fires would be considered a \_\_\_\_\_ foam. 10

- a. Class A
- b. Class B
- c. Class C
- d. Class D

**POINTS POSSIBLE:** 100

**POINTS DEDUCTED:**

**FINAL SCORE:**

# Written Quiz - Key

INSTRUCTIONS: This is a combination  
FILL-IN/TRUE-FALSE/MULTIPLE CHOICE test.

Fill in portion: Fill in the correct answer in the space provided.

**POINTS**

1. What are the four components of the foam tetrahedron? 20
- a. **FOAM CONCENTRATE**
  - b. **AIR**
  - c. **WATER**
  - d. **MECHANICAL AGITATION**
2. What are the four extinguishing actions that foam creates? 20
- a. **SMOTHERING**
  - b. **COOLING**
  - c. **SEPARATES**
  - d. **SUPPRESSES**
3. List four advantages to using foam on wildland fires: 20
- a. **INCREASE THE EFFECTIVENESS OF WATER**
  - b. **EXTENDS THE USEFUL LIFE OF WATER**
  - c. **PROVIDES A SHORT TERM FIRE BARRIER**
  - d. **EFFECTIVE ON ALL TYPES OF CLASS A FIRES**
- RELATIVELY EASY TO USE**
- VISIBLE FROM THE GROUND AND THE AIR**

10

# Written Quiz - Key

4. Avoid applying dry foam during **MOP UP**. 10

5. What is the recommended treatment for eyes that have come in direct contact with foam concentrate or foam solutions?

**EYES SHOULD BE FLUSHED AS SOON AS POSSIBLE WITH LARGE AMOUNTS OF CLEAN WATER FOR AT LEAST FIFTEEN MINUTES.**

INSTRUCTIONS: True/False portion: Circle the letter preceding the correct answer. 10

6. Dry foam adheres well to vertical surfaces and is obtained by increasing the mix ratio.

**TRUE**      False

INSTRUCTIONS: Multiple choice portion of the test. For each of the following questions or statements, circle the letter preceding the correct answer. 10

7. Foam for use on wildland fires would be considered a foam. 10

- a. **CLASS A**
- b. Class B
- c. Class C
- d. Class D

**POINTS POSSIBLE:** 100

**POINTS DEDUCTED:**

**FINAL SCORE:**