

# Written Quiz

	<b><u>POINTS</u></b>
1. Water can be used on Class _____, Class _____, and some Class _____, fires.	<u>10</u>
2. Carbon dioxide can be used on Class _____, Class _____, and Class _____ fires.	<u>10</u>
3. Dry powder extinguishers can control some types of Class _____ fires.	<u>10</u>
4. Wetting agents _____ surface tension for better penetration.	<u>10</u>
5. AFFF can be used in combination with some extinguishing agents.	<u>10</u>
6. The amount of heat energy required to raise one pound of water one degree fahrenheit is called a _____.	<u>10</u>
7. The four (4) components of the fire tetrahedron are _____, _____, _____, _____.	<u>10</u>
8. One advantage water has over other extinguishing agents is its ability to absorb large amounts of _____.	<u>10</u>
9. One cubic foot of water will expand approximately _____ times its original volume when converted to steam at 212°F.	<u>10</u>
10. Water inherently has several disadvantages, one is that it is highly _____ when it comes in contact with electrical objects.	<u>10</u>

**POINTS POSSIBLE:** 100

**POINTS DEDUCTED:**

**FINAL SCORE:**

# Written Quiz - Key

	<b><u>POINTS</u></b>
1. Water can be used on Class <b>A</b> , Class <b>B</b> , very limited and Class <b>D</b> , certain instances.	<u>10</u>
2. Carbon dioxide can be used on Class <b>A</b> , special instances, Class <b>B</b> , and Class <b>C</b> .	<u>10</u>
3. Dry powder extinguishers can control some types of Class <b>D</b> fires.	<u>10</u>
4. Wetting agents <b>DECREASE</b> surface tension for better penetration.	<u>10</u>
5. AFFF can be used in combination with some <b>DRY CHEMICAL</b> extinguishing agents.	<u>10</u>
6. The amount of heat energy required to raise one pound of water one degree fahrenheit is called a <b>BRITISH THERMAL UNIT</b> .	<u>10</u>
7. The four (4) components of the fire tetrahedron are <b>FUEL, HEAT, OXYGEN, AND A CHAIN REACTION</b> .	<u>10</u>
8. One advantage water has over other extinguishing agents is its ability to absorb large amounts of <b>HEAT</b> .	<u>10</u>
9. One cubic foot of water will expand approximately <b>1700</b> times its original volume when converted to steam at 212°F.	<u>10</u>
10. Water inherently has several disadvantages, one is that it is highly <b>CONDUCTIVE</b> when it comes in contact with electrical objects.	<u>10</u>

**POINTS POSSIBLE:** 100

**POINTS DEDUCTED:**

**FINAL SCORE:**