

# Written Quiz

- |   | <b><u>POINTS</u></b> |
|---|----------------------|
| 1. A pump condition in which RPM's are _____ without a corresponding _____ in pump pressure is called cavitation.           | <u>20</u>            |
| 2. To prevent pump cavitation do not _____ RPM's beyond the point where there is a corresponding increase in pump pressure. | <u>20</u>            |
| 3. Atmosphere pressure at sea level is _____ pounds per square inch.  | <u>10</u>            |
| 4. Within a pump the low pressure condition occurs near the _____.  | <u>10</u>            |
| 5. When pressure within the pump is lowered, the boiling point of water is _____.   | <u>10</u>            |
| 6. Cavitation has an adverse impact on metal pump components. The most notable visual indicator is _____.                   | <u>10</u>            |
| 7. A pump which is cavitating will normally _____ or _____.   | <u>10</u>            |

**POINTS POSSIBLE:** 100

**POINTS DEDUCTED:**

**FINAL SCORE:**

# Written Quiz - Key

	<b><u>POINTS</u></b>
1. A pump condition in which RPM's are <b>INCREASED</b> without a corresponding <b>INCREASE</b> in pump pressure is called cavitation.	<u>20</u>
2. To prevent pump cavitation do not <b>INCREASE</b> RPM's beyond the point where there is a corresponding increase in pump pressure.	<u>20</u>
3. Atmosphere pressure at sea level is <b>14.7</b> pounds per square inch.	<u>10</u>
4. Within a pump the low pressure condition occurs near the <b>SUCTION EYE</b> .	<u>10</u>
5. When pressure within the pump is lowered, the boiling point of water is <b>LOWERED</b> .	<u>10</u>
6. Cavitation has an adverse impact on metal pump components. The most notable visual indicator is <b>PITTING</b> .	<u>10</u>
7. A pump which is cavitating will normally <b>PING</b> or <b>BANG</b> .	<u>10</u>

**POINTS POSSIBLE:** 100

**POINTS DEDUCTED:**

**FINAL SCORE:**