

# Written Quiz

## POINTS

1. The part designed to fail first when a snatch block is overloaded is the \_\_\_\_\_. 10
2. The maximum pulling angle for a winch is \_\_\_\_\_ degrees from the center of the drum. 10
3. A single snatch block operation where a vehicle is pulling itself up a hill will give you a mechanical advantage of \_\_\_\_\_. 10
4. When hooking a chain to a tree, it is best to locate the chain at \_\_\_\_\_. 10
  - A. A low level
  - B. Waist level
  - C. Eye level
5. The bight of a cable is \_\_\_\_\_. 10
  - A. The point where the cable enters the winch assembly
  - B. The area where a cable could whip back if it breaks
  - C. The area between the legs of a cable run
  - D. The section where the hook assembly is attached
6. Name one reason a snatch block might be used. 10
7. A danger zone is the arc where a cable might whip around if it breaks. 10
  1. True
  2. False
8. Hooks on snatch blocks should be painted "yellow" as a cautionary measure. 10
  1. True
  2. False

# Written Quiz

**POINTS**

9. Name 4 items of damage to check for on a snatch block.

20

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

**POINTS POSSIBLE:** 100

**POINTS DEDUCTED:**

**FINAL SCORE:**

# Written Quiz - Key

- |   | <b><u>POINTS</u></b> |
|---|----------------------|
| 1. The part designed to fail first when a snatch block is overloaded is the <b>PIN</b> .  | <u>10</u>            |
| 2. The maximum pulling angle for a winch is <b>15</b> degrees from the center of the drum.  | <u>10</u>            |
| 3. A single snatch block operation where a vehicle is pulling itself up a hill will give you a mechanical advantage of <b>2</b> . | <u>10</u>            |
| 4. When hooking a chain to a tree, it is best to locate the chain at A.   | <u>10</u>            |
| A. <b>A LOW LEVEL</b>   |                      |
| B. Waist level  |                      |
| C. Eye level  |                      |
| 5. The bight of a cable is C.   | <u>10</u>            |
| A. The point where the cable enters the winch assembly  |                      |
| B. The area where a cable could whip back if it breaks  |                      |
| C. <b>THE AREA BETWEEN THE LEGS OF A CABLE RUN</b>  |                      |
| D. The section where the hook assembly is attached  |                      |
| 6. Name one reason a snatch block might be used. <b>CHANGE PULLING ANGLE /GAIN MECHANICAL ADVANTAGE</b>                           | <u>10</u>            |
| 7. A danger zone is where a cable might whip around if it breaks.   | <u>10</u>            |
| 1. <b>TRUE</b> 2. False   |                      |
| 8. Hooks on snatch blocks should be painted "yellow" as a cautionary measure.   | <u>10</u>            |
| 1. True      2. <b>FALSE</b>  |                      |

**POINTS**

9. Name 4 items of damage to check for on a snatch block.

20

1. **CRACKS**
2. **CORROSION**
3. **BURRS**
4. **RUST  
WEAR  
HEAT DAMAGE  
BENT OR STRETCHED**