

Written Quiz

- | | <u>POINTS</u> |
|---|----------------------|
| 1. What is meant by the term "bight" of the cable? | <u>10</u> |
| 2. Why is the dog clutch left disengaged when cable is being free spooled off the drum? | <u>10</u> |
| 3. Why is the wood wedge used? | <u>10</u> |
| 4. Why is the hand-over-hand method used when handling cable? | <u>10</u> |
| 5. Why do you steer from side to side while being winched? | <u>10</u> |
| 6. A hydraulic winch is found on vehicles with transmissions. | <u>10</u> |
| 7. CDF engines typically have _____ feet of winch cable which is _____ inch in diameter. | <u>10</u> |
| 8. Hydraulic winches should not be throttled above what speed? | <u>10</u> |
| 9. During winching operations, the straighter the pull the better. You should not winch if the load is offset greater than _____ from center. | <u>10</u> |
| 10. When unwinding cable, leave three to four wraps minimum on the drum to _____. | <u>10</u> |

POINTS POSSIBLE: 100

POINTS DEDUCTED:

FINAL SCORE:

Written Quiz - Key

	<u>POINTS</u>
1. What is meant by the term "bight" of the cable?	<u>10</u>
THE AREA INSIDE THE WINCH CABLES WHEN A SNATCH BLOCK IS BEING USED	
2. Why is the dog clutch left disengaged when cable is being free spooled off the drum?	<u>10</u>
SAFETY IN CASE PTO IS ACCIDENTALLY ENGAGED	
3. Why is the wood wedge used?	<u>10</u>
TO KEEP CABLE FROM UNWINDING	
4. Why is the hand-over-hand method used when handling cable?	<u>10</u>
BECAUSE THE CABLE SLIDING THROUGH YOUR HAND CAN CAUSE INJURY	
5. Why do you steer from side to side while being winched?	<u>10</u>
TO PREVENT UNEVEN CABLE BUILD UP ON THE DRUM	
6. A hydraulic winch is found on vehicles with AUTOMATIC transmissions.	<u>10</u>
7. CDF engines typically have 150 feet of winch cable which is 1/2 inch in diameter.	<u>10</u>
8. Hydraulic winches should not be throttled above what speed?	<u>10</u>
ABOVE THE SPEED WHERE PUMP CAVITATION CAUSES JERKING OR LURCHING	
9. During winching operations, the straighter the pull the better. You should not winch if the load is offset greater than 15 DEGREES from center.	<u>10</u>
10. When unwinding cable, leave three to four wraps minimum on the drum to SECURE THE CABLE TO THE DRUM.	<u>10</u>

POINTS

POINTS POSSIBLE: 100

POINTS DEDUCTED:

FINAL SCORE: