

## **2012 Forestry CDE Chainsaw Practicum**

1. Match the photo with the definition.
  - a. 1=B, 2=C, 3=E, 4=D, 5=A
  - b. 1=C, 2=A, 3=D, 4=B, 5=E
  - c. 1=A, 2-B, 3=C, 4=E, 5=D
  - d. 1=C, 2=A, 3=D, 4=E, 5=B
  - e. 1=D, 2=A, 3=B, 4=E, 5=C
  
2. A protective helmet ages and will become brittle and should be replaced after how many years of use?
  - a. 2 years
  - b. 3 years
  - c. 4 years
  - d. 5 years
  - e. 6 years
  
3. In the photo #6, what is the shaded part of the bar called?
  - a. Bar pad
  - b. The gauge
  - c. The kickback zone
  - d. The tail
  - e. The oiler pad

4. What are the three forces when using a chainsaw.
- a. Push, drag and kickback
  - b. Pull, push and drag
  - c. Push, pull and kickback
  - d. Kickback, drag and pull
  - e. Push, pull and slide
5. When pruning always use the pulling side of the chain, which means:
- a. Use the top side of the bar
  - b. Use the bottom side of the bar
  - c. Plunge cut
  - d. Relief cut
  - e. None of the above
6. What is the most important factor in insuring a safe, clean job in felling a tree?
- a. Top cut
  - b. Undercut
  - c. Felling cut
  - d. Hinge
  - e. Notch

7. Your path of retreat should be at what angle to the rear of the trees intended felling direction.

- a. 90°
- b. 30°
- c. 45°
- d. 180°
- e. 10°

8. When limbing a tree that is on the ground, how should it be done?

- a. Stand on the right side and limb from the roots to the top
- b. Stand on the right side and limb from the top to the roots
- c. Stand on the left side and limb from the roots to the top
- d. Stand on the left side and limb from the top to the roots
- e. Both A and C are correct

9. When cutting the log in model "A" what statement below best describes proper technic?

- a. Cut about 1/3 on the bottom then finish by cutting from the top and connect cuts
- b. Cut 1/3 on the topside and finish by cutting on the bottom side, connect the cuts
- c. Cut about 1/3 on the bottom then by cutting from the top, 1 inch from bottom cut
- d. Cut 1/3 on the topside and finish by cutting on the bottom side, stagger the cuts
- e. Don't overcomplicate, cut from the top down

10. When cutting the log in model "B" what statement below best describes proper technic?

- a. Cut about 1/3 on the bottom then finish by cutting from the top and connect cuts
- b. Cut 1/3 on the topside and finish by cutting on the bottom side, connect the cuts
- c. Cut about 1/3 on the top then by cutting from the top, 1 inch from bottom cut
- d. Cut 1/3 on the bottom side and finish by cutting on the bottom side, stagger the cuts
- e. Don't overcomplicate, cut from the bottom up

11. In the photo #7, what is the highlighted area referring to?

- a. Filing angle
- b. Top plate angle
- c. Side plate angle
- d. File gauge
- e. Nose wheel angle

12. In the photo #8, what is the correct definition for the highlighted area?

- a. Top plate angle
- b. Side plate angle
- c. Depth gauge
- d. Witness mark
- e. Gullet

13. Identify part "C"

- a. Clutch
- b. Air filter
- c. Flywheel
- d. Cylinder
- e. Chain catcher

14. Identify part "D"

- a. Clutch
- b. Air filter
- c. Flywheel
- d. Cylinder
- e. Chain catcher

15. Identify part "E"

- a. Clutch
- b. Air filter
- c. Flywheel
- d. Cylinder
- e. Chain catcher

16. Which one of the following best describes a kickback guard and chainbrake.

- a. If your left wrist forces the kickback guard forward, the chainbrake will activate
- b. Following kickback the chain break will trigger from the inertial forces generated
- c. With TrioBrake™ : If your right wrist lifts the guard on rear handle, the chainbrake will activate
- d. All of the above
- e. None of the above

17. What device on a chainsaw helps protect the user in the event the chain was to brake or derail?

- a. Top cover
- b. Chain catcher
- c. Right hand guard
- d. Both A and C
- e. Both B and C

18. When constructing a hinge for felling a tree, the width it should be

- a. About 20% of the trees diameter at chest height and its length should be about 50% of the trees diameter.
- b. About 50% of the trees diameter at chest height and its length should be about 20% of the trees diameter.
- c. About 10% of the trees diameter at chest height and its length should be about 50% of the trees diameter.
- d. About 10% of the trees diameter at chest height and its length should be about 80% of the trees diameter.
- e. About 20% of the trees diameter at chest height and its length should be about 80% of the trees diameter.

19. When performing maintenance on the guide bar, what needs to be done?

- a. Oil the tip, flip the bar and polish the rails.
- b. Clean the oil holes, clean the chain grooves and turn the bar.
- c. File the rails, sharpen the tip and oil the tip.
- d. File the rails, clean the oil holes and sand the side of the bar
- e. Careful not to flip the bar, clean tip bearing and clean oil holes.

20. The best place to find out more about your chainsaw and its maintenance needs is

- a. The owner's manual
- b. The manufactures web site
- c. The local servicing dealer
- d. All of the above
- e. None of the above