



Forestry Career Development Event

CHAINSAW SAFETY PRACTICUM 2019

1. This saw has been partially torn down, what part is labeled "A"?
 - A. Cylinder
 - B. Flywheel
 - C. Carburetor
 - D. Ignition Module

2. What part is labeled "B"?
 - A. Cylinder
 - B. Flywheel
 - C. Carburetor
 - D. Ignition Module

3. What part is labeled "C"?
 - A. Flywheel
 - B. Cylinder
 - C. Ignition Module
 - D. Carburetor

4. What part is labeled "D"?
 - A. Flywheel
 - B. Cylinder
 - C. Ignition Module
 - D. Carburetor

5. This saw will not cut, why?
 - A. Air filter installed incorrectly
 - B. Spark plug missing
 - C. Chain backwards
 - D. Chain brake damaged

6. This saw is in the choke position, excessive pulling of the recoil while the choke is engaged will cause _____?
 - A. Damage to the carburetor
 - B. Flooding
 - C. Vapor Lock
 - D. Cylinder decompression

7. The part labeled here is?
 - A. Flywheel
 - B. Rotary Position
 - C. Clutch
 - D. Piston Counter Weight

8. This saw has a decompression valve labeled "A," what benefit does it provide?
 - A. Reduces pulling force needed to start the saw
 - B. Decompresses cylinder when RPM gets too high
 - C. Bleeds off excess exhaust to meet EPA regulations
 - D. Pumps air into saw for desired torque settings

9. Notice how the lower part of the rear handle labeled "B" extends to the operators right. Why is the rear handle designed this way?
 - A. This guards your hands from limbs, branches and possible thrown chain
 - B. This piece is weighted to increase center of gravity
 - C. Fuel tank expansion
 - D. Air pocket designed to allow the saw to float in water

10. The part labeled "C" is extremely important. What is it called and what does it do?
 - A. Auto chain sharpener, sharpens the chain while in use
 - B. Chain catcher, reduces a thrown chains distance of travel towards the operator
 - C. Bar guard, guards against sticks and branches contacting the bar sprocket
 - D. Cut defender, lessens likelihood of hand contacting the chain in this area

11. The holes labeled "D" on the saw are for ...?
 - A. Carburetor bleed off
 - B. Carburetor adjustment screws
 - C. Air intake
 - D. Carburetor mounting screws

12. The chain will not cut well, why?
 - A. Depth gauge/raker too high
 - B. Cutter is dull
 - C. Tie straps are worn
 - D. Drivers are worn

13. Which of these items is used to obtain proper cutter tooth angle when sharpening the chain?
 - A. A
 - B. B
 - C. C
 - D. D

14. The tool you see here is called a scrench or combination wrench. It is very useful for assembly and chainsaw maintenance. Which of the following are the primary uses, but not the only uses, for a scrench?
- A. Bar nut removal, chain tensioning and spark plug removal
 - B. Bar nut removal, chain tensioning and flywheel bolt removal
 - C. Bar nut removal, clutch spring tensioning and flywheel bolt removal
 - D. Chain tensioning, spark plug removal and flywheel bolt removal
15. This bar has letters written on it. Which letter labels the kickback area?
- A. A
 - B. B
 - C. C
 - D. D
16. The person you see at this booth is wearing everything he/she needs to safely cut?
- A. True
 - B. False
17. This tool measures?
- A. DBA (Decibels)
 - B. FPS (Feet Per Second)
 - C. CFM (Cubic Feet Per Minute)
 - D. RPM (Revolutions per minute)
18. This saw is not ready for use because...?
- A. Chain is too loose
 - B. Chain brake is loose
 - C. Chain is loose and bar is upside down
 - D. Chain is loose, bar is upside down and chain brake is loose
19. The item labeled on this saw....?
- A. Chain tensioner
 - B. Carburetor adjustment
 - C. Oil adjustment
 - D. Compression release valve
20. The bar nuts have been removed from this saw but the side cover is still stuck. Without giving away the secret, why?
- A. Improper chain on the saw
 - B. Chain tension is too high
 - C. Shipping spacers are still on
 - D. Chain brake is engaged