Drill Press Safety Test

Directions: Read each question carefully and circle the letter of the sentence that best answers the question.

1. The primary use of the drill press is:
   A. Crosscutting.
   B. Drilling holes.
   C. Ripping.
   D. Sanding.

2. When using the drill press, the wood should be:
   A. Held down with your hand.
   B. Held down by another student.
   C. In a jig.
   D. Answers A & C only.

3. This type of bit drills round holes with flat bottoms:
   A. Twist bit
   B. Forstner bit.
   C. Spade bit.
   D. Router bit.

4. The chuck key is used for:
   A. Tightening the table.
   B. Tightening and loosening the chuck.
   C. Loosening the wood from the bit.
   D. Turning on the drill press.

5. If wood becomes caught in the drill press, you must:
   A. Use the chuck key to get it out.
   B. Hold on to the wood with both hands.
   C. Start and stop the machine until it comes out.
   D. Stop the machine and ask the instructor for help.

6. Touching the chuck while it is spinning, is allowed:
   A. Only when reducing feed pressure.
   B. Only when increasing feed pressure.
   C. Only when wearing gloves.
   D. None of the above.

7. Hardwoods and metals should be drilled with:
   A. A slow speed and many teeth.
   B. A high speed and many teeth.
   C. A slow speed and few teeth.
   D. A high speed and few teeth.

8. The pressure feed spokes:
   A. Are used to hold the wood to the table.
   B. Are used to lower the quill.
   C. Are used by the motor.
   D. None of the above.

9. A drill press’s size is commonly determined by doubling the distance from:
   A. The top of the motor to the floor.
   B. The sides of the base.
   C. The column to the table’s center.
   D. How much it weighs.

10. The power of a drill press is determined by:
    A. How large of a bit you can put in chuck.
    B. The horsepower of the motor.
    C. How much electricity it uses.
    D. How long it takes to drill through wood.

11. When using the drill press, students should:
    A. Touch the chuck.
    B. Wear their safety glasses.
    C. Wear a safety helmet.
    D. Touch the bit.

12. Retracting the drill bit back a little at a time is important for allowing sawdust to exit what kind of holes:
    A. Large holes.
    B. Deep holes.
    C. Small holes.
    D. Shallow holes.

13. What is the purpose of a sacrifice piece of wood:
    A. It protects the drill press table.
    B. It prevents splintering on the exit side of the hole.
    C. Answers A & B only.
    D. None of the above.

Match The Letter With The Part:

A. Column.
B. Table.
C. Motor.
D. Base.
E. Chuck.
F. Motor Head/Drive Belt Canopy.
G. Pressure Feed Spoke.