Sample Tool Use General Safety Test (students should be required to retake the test until they achieve a perfect score. Please modify the content of this test to fit your team’s tools and safety regulations)

T or F  1. Always walk, do not run while in the Building and Construction Shop.

T or F  2. It is okay to talk or interrupt anyone who is working on a machine.

T or F  3. When changing cutters, blades, or sandpaper on any machine, unplug the machine.

T or F  4. Leaving tools or pieces of stock lying on the table surface of a machine being used is not a good thing to do.

5. When finished with a machine, remove the ______ and wait until the blade or cutter has come to a complete stop before leaving.

6. Make all adjustments with the ______ and the machine at a dead stop.

7. When cleaning a work surface, use a ______ to do so. Never remove sawdust or cuttings by hand while the machine is ______.

8. Use available safety guards on power equipment. However, it should be understood that using safety guards does not necessarily prevent ______.

9. When using tools for set-up work on a machine, select the right tool for the job
   _____ keep the tool in a safe condition
   _____ keep the tool in a safe place
   _____ all of the above

10. Strange machine noises or faulty operation means that your machine is telling you it’s okay
     _____ the bearings need a drop of water
     _____ the extension cord is not long enough
     _____ your machine has something wrong with it and you should report the problem to the instructor.

11. When working with a cutting tool, keep your eyes focused
     _____ on the girl/boy working next to you
     _____ on the clock
     _____ on what is going on around you
     _____ on where the cutting action is taking place
12. An accident is often caused by
   _____rushing what you are doing
   _____running too small pieces of stock through a machine
   _____not using safety guards
   _____all of the above

Matching

<table>
<thead>
<tr>
<th>Column I</th>
<th>Column II</th>
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</thead>
<tbody>
<tr>
<td>13. Blade guard</td>
<td>a. bend knees</td>
</tr>
<tr>
<td>14. Lifting objects from the floor</td>
<td>b. power off</td>
</tr>
<tr>
<td>15. Making equipment adjustments</td>
<td>c. safety device</td>
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<tr>
<td>16. Strange noises</td>
<td>d. equipment problems</td>
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</tbody>
</table>

17. What is the first thing you put on when entering the shop?
   _____cool hat
   _____necktie or scarf
   _____sandals
   _____safety glasses

18. Good housekeeping in the shop means
   _____materials and equipment are put where they belong
   _____aisles and walkways are clear of tools, materials, and debris
   _____scraps and rubbish are disposed of daily to prevent fires and reduce hazards
   _____all of the above

Short Answer:

19. Why should the number of people in the work area be kept to a minimum when using tools?

20. Explain two ways an extension cord can be dangerous if not intentionally managed both during use and while not in use.

21. If a person has experience with a powered miter saw but has never used a sliding compound miter saw, what should they do before using the tool?

22. Name five things that can cause eye injury in the work area. Name one practice that would prevent most eye injuries in the work area.

23. Describe a situation where neglecting to use clamps is likely to cause injury.

24. Describe at least two scenarios where getting long hair or loose clothing caught in a tool will likely lead to serious injury.

25. Explain why one should never push directly towards the working blade or bit.

26. Describe the proper way to remove sawdust or cuttings from the cutting head.

27. Give one example of what might happen if you ignore the regulation “Do not try to free a stalled blade before turning the power off.”