



✓ **Congratulations! You passed!**

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1. Center mark patterns can also create a center mark in the same feature.

1 / 1 point

- ☐ False.
- ☒ True.

✓ **Correct**

The answer can be found in Adding centerlines and center marks to views.

2. Which type of dimension will give the longest distance between two points that are not vertical or horizontal in relation to each other?

1 / 1 point

- ☐ Vertical.
- ☐ Angular.
- ☐ Horizontal.
- ☒ Aligned.

✓ **Correct**

The answer can be found in Adding dimensions.

3. Assembly drawings must contain every component in a design.

1 / 1 point

- ☒ False.
- ☐ True.

✓ **Correct**

The answer can be found in Creating a drawing from an assembly.

4. Where can parts list component descriptions be changed?

1 / 1 point

- ☐ They can't.
- ☐ Directly in the parts list.
- ☐ In the storyboard.
- ☒ In the design workspace.

✓ **Correct**

The answer can be found in Modifying part numbers and descriptions.

5. A custom drawing template can't contain a custom title block.

1 / 1 point

- ☐ True.
- ☒ False.

✓ **Correct**

The answer can be found in Creating a multiple sheet drawing template.

6. Accessibility analysis can help find undercuts in a design that would require a special tool?

1 / 1 point

- ☒ True.
- ☐ False.

✓ **Correct**

The answer can be found in Reviewing a design for 3 axis CNC milling.

7. Once a component is created its origin must match the main coordinate system of the document.

1 / 1 point

- ☒ False.
- ☐ True.

✓ **Correct**

The answer can be found in Designing fixtures.

8. What option must be selection in order for a component moved with an align feature to stay in its new location?

1 / 1 point

- ☐ Lock.
- ☐ Ground.
- ☐ Fix.
- ☒ Capture position.

✓ **Correct**

The answer can be found in Designing soft jaws.

9. New components created with boundary fill automatically have a rigid joint applied to them.

1 / 1 point

- ☐ True.
- ☒ False

✓ **Correct**

The answer can be found in Modifying soft jaws.

10. All features on a design must be available to select for machine programming.

1 / 1 point

- ☐ True.
- ☒ False.

✓ **Correct**

The answer can be found in Creating a file that is ready to manufacture.

11. What location can a custom tool not be created?

1 / 1 point

- ☐ Cloud library.
- ☐ Document.
- ☐ Local library.
- ☒ Sample library.

✓ **Correct**

The answer can be found in Creating a custom tool.

12. Facing toolpaths do not contain a chip thinning option.

1 / 1 point

- ☒ False.
- ☐ True.

✓ **Correct**

The answer can be found in Creating a facing toolpath.

13. A chip breaking cycle type allows a drill bit to do what?

1 / 1 point

- ☒ Retract to help break chips.
- ☐ Slow down the deeper it goes.
- ☐ Plunge until it breaks.
- ☐ There is no chip breaking cycle.

✓ **Correct**

The answer can be found in Create a drilling toolpath.

14. How does a rigid tapping toolpath remove the tap from a hole?

1 / 1 point

- ☐ The tool must drop all the way through the hole.
- ☒ It reverses direction.
- ☐ The tool diameter changes and is pulled straight out.
- ☐ Rigid tapping can't be done on a CNC Mill.

✓ **Correct**

The answer can be found in Create a tapping toolpath.

15. A second setup is created when a part is flipped over in a mill.

1 / 1 point

- ☒ True.
- ☐ False.

✓ **Correct**

The answer can be found in Create a second setup.

16. Machine configurations don't contain specific information about a machine such as spindle speed or max feedrate.

1 / 1 point

- ☒ False.
- ☐ True.

✓ **Correct**

The answer can be found in Creating a milling setup using a machine configuration.

17. What adaptive toolpath option would you activate to allow the toolpath machine a plane normal to the Z axis?

1 / 1 point

- ☐ Flat Zone Detection.
- ☐ No such option.
- ☒ Flat Area Detection.
- ☐ Plane Detection.

✓ **Correct**

The answer can be found in Roughing and clearing a part.

18. Which number below would represent G54 on a HAAS controller?

1 / 1 point

- ☐ 2.
- ☐ 4.
- ☐ 3.
- ☒ 1.

✓ **Correct**

The answer can be found in Understanding work offsets.

19. NC Program will allow you to export multiple setups at the same time.

1 / 1 point

- ☐ False.
- ☒ True.

✓ **Correct**

The answer can be found in Create and export an NC program.

20. Stepdown is a critical parameter needed to control the surface finish when machining an angled face.

1 / 1 point

- ☐ False.

☒ True.

✓ Correct

The answer can be found in Finishing details on a part.