

## Skills Exam 3 – Mechanical Parts Layout

1. You have multiple Model Space viewports. One of them has a blue border. What does that indicate?

- a. It is locked.
- b. It does not have a scale applied.
- c. It is the active Viewport.
- d. It has not been initialized.

2. How can you create a floating (not tiled) viewport in Model Space?

- a. Select the edge of a viewport, and drag it away from the others.
- b. Select the edge of a viewport, right-click, and check the Floating option.
- c. Set the viewports count to a negative value.
- d. You cannot create floating Model Space viewports.

3. Using Model Space viewports does not allow you to:

- a. Specify how many edits can be made before a view synchronization is launched.
- b. Set a different view projection in each viewport.
- c. Have different User Coordinate Systems in each viewport.
- d. See your edits in real time in all viewports.

4. When a locked Layout viewport is activated, to what color does its edges turn?

- a. Red
- b. Black
- c. Blue
- d. Green

5. To prevent a viewport from appearing on a plot or print, what workflow would you employ?

- a. Specify the viewport as a proxy object.
- b. Select the viewport, right-click, and choose Isolate Objects.
- c. Uncheck the *Plot Viewports* option in the Print dialog box.
- d. Place the viewport on a non-plotting layer.

6. If you want to create a three-view orthographic projection of your model in a Layout, what is the advantage of choosing a four-view setup instead of a three-view setup?

- a. Three-view does not have a top-view option.
- b. Layouts do not support odd numbers of viewports.
- c. Four-view allows the viewports to be placed in a 2x2 grid, while three-view does not.
- d. The fourth view can be used as a preview prior to locking the others.

7. Which of the following is not a benefit of dimensioning in Paper Space?

- a. A single Dimension Style can be defined and used in viewports with varying scales.
- b. The dimensions are associated with the Model Space object, so they update if anything changes.
- c. Text, Arrowheads, and other features are all created at 1:1.
- d. Each Dimension Style must be scaled by the inverse of its intended scale.

8. With Paper Space dimensions present, panning or zooming in an unlocked viewport will have what effect?

- a. The dimensions will move with the model.
- b. The dimensions will become orphaned.
- c. The dimensions will become disassociated with the model.
- d. The dimensions will become faded and labeled as Proxy Object.

9. What is the name of the named object that contains all the settings necessary for a desired print?

- a. Plot Collection
- b. Page Setup
- c. Printer Settings
- d. Plot Style

10. In the Print dialog, selecting *Layout* from the *What to print* pulldown will disable what control? (Select all that apply.)

- a. Fit to paper
- b. Scale
- c. Quality
- d. Center on page