Chapter 23 Review

Section Views and Graphic Patterns

**Name:** **Click here and type your name**

Click in the shaded area and type your answer for each question. Use the [Tab] key to move from one answer field to the next.

1. What is the AutoCAD term for standard section line symbols?

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2. Which AutoCAD hatch pattern provides a general section line symbol?

For Questions 3–8, name the type of section identified in the statement.

3. Half of the object is removed; the cutting-plane line generally cuts completely through along the center plane.

4. The cutting-plane line is staggered through features that do not lie in a straight line.

5. The section is turned in place to clarify the contour of the object.

6. The section is rotated and is located away from the object. A cutting-plane line normally identifies the location of the section.

7. The cutting-plane line cuts through one-quarter of the object; used primarily on symmetrical objects.

8. A small portion of the view is removed to clarify an internal feature.

9. Explain the three island detection style options.

10. Describe the basic difference between using the Pick Points and Select Boundary Objects options in the Hatch Creation ribbon tab.

11. How do you limit AutoCAD hatch evaluation to a specific area of the drawing?

12. What is the purpose of the Gap Tolerance setting in the Hatch Creation ribbon tab?

13. Explain how to select a hatch pattern or fill using the Hatch Creation ribbon tab.

14. Name the two files supplied with AutoCAD that contain hatch patterns.

15. What considerations should you take into account when choosing a hatch scale?

16. How do you change the hatch angle in the Hatch Creation ribbon tab?

17. What is a gradient fill, and how do you create a gradient fill with the HATCH command?

18. Define associative hatch pattern.

19. What is the result of stretching an object associated with an associative hatch pattern?

20. Explain how to use an existing hatch pattern on a drawing as the pattern for another hatch.

21. Explain how to use drag and drop to insert a hatch pattern from DesignCenter into an active drawing.

22. Explain two ways to insert a hatch pattern from a tool palette into a drawing.

23. What is typically the easiest way to access the Hatch Editor ribbon tab?

24. How does the Hatch Editor ribbon tab compare to the Hatch Creation ribbon tab?

25. What happens if you erase an island inside an associative hatch pattern?