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Department of Architectural Technology

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ARCH 1240 METHODS OF CONSTRUCTION IN ARCHITECTURE

NAME _____ Date: _____

QUIZ 10:

1. Based on their operation, name four types of windows. (Ex: hopper)

2. Name two materials used for the construction of window frames.

3. To maximize thermal resistance, an aluminum window frame must have this:

4. Sketch and label a muntin and a mullion.

5. Sketch a simple window and label the conventional name for each of the following: the top, sides, and bottom of the window frame.

6. Name two glazing options for residential windows and where their use is appropriate.

7. The architect must coordinate the _____ opening in the exterior wall construction with the _____ size in the manufacturers' catalog.

8. What does a window's U value describe?

9. Entrance doors must be well constructed and tightly _____ if they are not to leak air and water.

10. Fire doors often have the same, lower, or higher fire rating compared to the wall they are built within?

Extra Credit:

11. For a window to be considered a means of egress, it must have a minimal net clear opening area of _____ sq. ft.

12. Does the U value typically listed by the manufacturer refer to the insulating glass or the window frame?