

1. If a glass cutter fails to remove dust after making a cut, what potential issues could arise during the subsequent handling of the glass?
 - ☐ A The cut surface could become contaminated, leading to poor adhesion if the glass is to be bonded later.
 - ☐ B The glass may become more difficult to transport due to its weight.
 - ☐ C The cutting tool will require less maintenance.
 - ☐ D The glass will automatically become more durable.
2. What is the guideline for a hinged shower door?
 - ☐ A Hinged Shower door must be 1/4" thick.
 - ☐ B Hinged Shower door must be made of plate glass.
 - ☐ C Hinged shower door shall open inward.
 - ☐ D Hinged Shower Door Shall open outward.
3. What type of glazing is exempted from the federal standard and must only comply with weathering requirements?
 - ☐ A Safety glazing materials
 - ☐ B Hazardous locations
 - ☐ C Safety plastics
 - ☐ D Impact testing
4. What are the different modes of door operations?
 - ☐ A Single, double, triple, and quadruple
 - ☐ B Automatic, manual, remote-controlled, and sensor-based
 - ☐ C Swinging, bifold, accordion, sliding, overhead, and coiling
 - ☐ D Hinged, fixed, rotating, and collapsible
5. Hollow glass unit with high thermal efficiency, used for privacy and light transmission.
 - ☐ A Annealed glass
 - ☐ B Soda-lime glass
 - ☐ C Glass brick
 - ☐ D Glass block

Glazier

6. Explain why it is crucial to place weep holes at the bottom of the sash when installing window glass.
- ☒ A To prevent water accumulation and ensure proper drainage
 - ☐ B To improve the overall strength of the window frame
 - ☐ C To enhance the thermal efficiency of the glass
 - ☐ D To facilitate air circulation and reduce condensation
7. A confined space is deemed ready for employee entry when:
- ☒ A A company's safety inspector has certified it
 - ☐ B The unit operations foreman declares it ready
 - ☐ C An independent inspection agency has completed their survey
 - ☐ D Your supervisor assigns you to the job
 - ☐ E An engineer has completed the necessary calculations
8. Which of the following items are the basic components used for a retrofit project related to window glazing?
- ☐ A Tinted film & Frosted glass
 - ☐ B Laminated film & Clear glass
 - ☐ C Opaque film & Stained glass
 - ☒ D Reflective film & Reflective glass
9. During the installation of a new door, the contractor notices that the gains are not properly aligned with the butts. What is the most appropriate action to take?
- ☐ A Ignore the misalignment and proceed with installation.
 - ☒ B Re-cut the gains to ensure they fit the butts correctly.
 - ☐ C Install the door without gains.
 - ☐ D Replace the entire door with a new one.
10. What does an "X" on a door plan mean?
- ☐ A pocket door
 - ☐ B vertical door
 - ☒ C sliding door
 - ☐ D revolving door
11. Which of the following materials is considered an appropriate backing for structural glass?
- ☐ A Plastic
 - ☐ B Wood
 - ☐ C Aluminum
 - ☒ D Cinder Block

Glazier

996. Cap sealant

- ☒ A An adhesive liquid of synthetic rubber injected into the joint between a glass pane and a window frame
- ☐ B The setting of a glass pane in a rabbeted frame
- ☐ C An adhesive compound used as putty, formulated so as not to become brittle with age
- ☐ D Neither

997. Lumber associations stamp wood with a grade stamp. These grade stamps indicate the safety level of the mill that the lumber was sawed at.

- ☒ A False
- ☐ B True

998. The maximum opening force of 5 pounds is applicable to which of the following?

- ☐ A Folding doors
- ☐ B Interior hinged doors
- ☐ C Sliding doors
- ☒ D All of the above

999. If a window manufacturer is looking to improve the energy efficiency of their products, which material would be most beneficial to incorporate into their window frames, and why?

- ☐ A Steel, because it is the most durable material available.
- ☒ B Fiberglass, due to its composite nature and insulation properties.
- ☐ C Vinyl, as it is the cheapest option for window frames.
- ☐ D Wood, since it has traditional appeal and is easy to work with.

1000. Which of the following standard sizes of rail and side-lite systems are available in the market place?

- ☐ A 1", 12", 15"
- ☒ B 4", 6", 10"
- ☐ C 2", 5", 8"
- ☐ D 3", 7", 9"

1001. Intermittent shims should be spaced uniformly at _____ to _____ centers.

- ☐ A 24"...30"
- ☒ B 18"...24"
- ☐ C 12"...18"
- ☐ D 30"...36"

1002. A key element of a comprehensive safety and health program is one of the following?

- ☒ A Hazard prevention and control
- ☐ B Pre-employment physicals.
- ☐ C Record keeping.
- ☐ D Drug and alcohol testing.

Glazier

1003. Where the glass is installed @ 90 degrees to adjacent lite

- ☐ (A) When the glass is installed at an angle to the floor
- ☐ (B) When the glass is broken and needs replacement
- ☒ (C) When are corner members used
- ☐ (D) When the glass is tinted for privacy

1004. When a structural member is being pulled apart, it is said to be in :

- ☐ (A) tearing
- ☐ (B) crushing
- ☐ (C) compression
- ☒ (D) tension

1005. Explain how finishes and treatments can impact the performance of glass in architectural applications.

- ☐ (A) They only change the color of the glass.
- ☒ (B) They can improve durability and energy efficiency.
- ☐ (C) They make glass more fragile and less useful.
- ☐ (D) They have no significant impact on glass performance.

1006. If a piece of glass measures 96 inches by 120 inches and has a thickness of 1/4 inch, how many movers are required to transport it if each mover can carry 100 pounds?

- ☒ (A) four
- ☐ (B) three
- ☐ (C) five
- ☐ (D) two

1007. _____ are the windows provided on the sloping rooms.

- ☐ (A) Circular
- ☐ (B) Gable
- ☒ (C) Dormer
- ☐ (D) Skylight