

## Decoded Class 1 – Intro & Accessibility

Use the 2017 edition of ICC A117.1 to answer the following questions:

- 1) ICC A117.1 allows projections of up to 4 inches into the required clear opening width in what area of the opening height?
  - a. between 36" and 48" above the floor
  - b. between 34" and 48" above the floor
  - c. between 34" and 80" above the floor
  - d. between 30" and 80" above the floor
  
- 2) To provide more clear opening width, what type of hinges could be used?
  - a. swing clear hinges
  - b. wide throw hinges
  - c. center pivots
  - d. continuous hinges
  
- 3) The maximum threshold height for a door on an accessible route is \_\_\_\_\_?
  - a. 1/4"
  - b. 1/2"
  - c. 3/4"
  - d. 1"
  
- 4) Operating hardware on doors on an accessible route must be mounted in what portion of the door height?
  - a. between 34" and 48" above the floor
  - b. between 36" and 48" above the floor
  - c. below 48" above the floor
  - d. between 15" and 48" above the floor
  
- 5) ICC A117.1 states that doors on an accessible route must close from 90 degrees to 12 degrees in how many seconds?
  - a. 3 seconds
  - b. 6 seconds
  - c. 4 seconds
  - d. 5 seconds

6) ICC A117.1 limits the maximum allowable opening force for interior swinging non-fire-rated doors to what amount of force?

- a. 15 pounds
- b. 8.5 pounds
- c. 5 pounds
- d. no stated requirement

7) ICC A117.1 limits the maximum allowable opening force for interior swinging fire doors to what amount?

- a. 15 pounds
- b. 8.5 pounds
- c. 5 pounds
- d. no stated requirement

8) ICC A117.1 prohibits projections in the bottom 10 inches on the push side of which doors?

- a. all swinging doors
- b. manual swinging doors
- c. automatic swinging doors
- d. swinging and sliding doors

9) When a vision lite is installed in a door on an accessible route, the bottom of the lite must be:

- a. between 36" and 48" above the floor
- b. a maximum of 42" above the floor
- c. between 34" and 48" above the floor
- d. a maximum of 43" above the floor

10) The allowable unobstructed forward reach range for a person in a wheelchair is defined by ICC A117.1 as:

- a. between 15" and 48" above the floor
- b. between 30" and 48" above the floor
- c. between 34" and 48" above the floor
- d. between 36" and 48" above the floor

Answers: 1 – c, 2 – a, 3 – b, 4 – a, 5 – d, 6 – c, 7 – d, 8 – b, 9 – d, 10 - a