

## QUIZ

### WCBC Chapters 16 through 18

1. What is the maximum permitted live load deflection for a roof member supporting a plaster ceiling?  $l / 360$  (Page 280)
2. What is the maximum permitted dead + live load deflection for a roof member supporting a nonplaster ceiling?  $l / 180$  (Page 280)
3. What occupancy category is a hospital classified as? **IV** What occupancy category is an elementary school with an occupant load of 300? **III** (Page 281)
4. What design load must be applied to an office area in an office building? **50 psf** Uniform; **2,000 lbs.** Concentrated. (Page 285)
5. What floor live load must be added to the above design load in this office area if the area has an open floor plan that is susceptible to the placement of partitions? **15 psf** (Page 284)
6. What standard is to be used when determining snow loads and wind loads? **ASCE 7** (Pages 289 and 292)
7. What is the minimum design ground snow load for Superior, WI? **60 psf** For Green Bay, WI? **40 psf** (Page 291)
8. What is the design wind speed for Superior, WI? **90 mph** For Green Bay, WI? **90 mph** (Page 295)
9. What would be the seismic design category of a building located in Superior, WI? **SDC "A"** For Green Bay, WI? **SDC "A"** (Pages 306 and the "Green Sheet".)