

Course Instructions

NOTE: The following two pages contain a preview of the final exam. This final exam is identical to the final exam that you will take online after you purchase the course.

After you purchase the course online, you will be taken to a receipt page online which will have the following link: [Click Here to Take Online Exam](#). **You will then click on this link to take the final exam.**

3 Easy Steps to Complete the Course:

- 1.) Read the Course PDF – Download from our website
- 2.) Purchase the Course Online & Take the Final Exam – see note above
- 3.) Print Out Your Certificate

FINAL EXAM - Summary Report on Building Performance: Hurricane Katrina

1. From Table 1-1, there were _____ total hurricanes in 2005:
 - a. 12
 - b. 23
 - c. 31
 - d. 15

2. With regards to the *Storm Effect*, Hurricane Katrina resulted in _____ displaced people:
 - a. 275,000
 - b. 500,000
 - c. 72,000
 - d. 450,000

3. Considering the chart *Description of Flood Zones*, zone "A99" is:
 - a. an area inundated by 100 year flooding.
 - b. a coastal area with a 1 percent or greater chance of flooding.
 - c. subject to shallow flooding.
 - d. an area of flooding between 1 and 3 feet.

4. Regarding *Wind Hazard Observations*, Hurricane Katrina made landfall with an estimated 1-minute sustained wind speed of:
 - a. 150 knots.
 - b. 97 mph.
 - c. 125 mph.
 - d. 110 knots.

5. Regarding *Wind Hazard Observations, Pre-Engineered Metal Buildings*, while many older PEMBs were heavily damaged, newer ones performed better.
 - a. True
 - b. False

6. Regarding *Wind Hazard Observations, Wall Coverings*, high pressures under overhangs and building soffits seldom lead to progressive structural failures:
 - a. True
 - b. False

7. Considering *Conclusions and Recommendations, Foundation Recommendations*, foundations should be selected and designed:
 - a. based on pre-Katrina FIRMs.
 - b. based on AFBEs shown on Katrina Flood Recovery Maps.
 - c. from the most recent edition of IRC.
 - d. as per flood zone A99 requirements.

8. Considering *Conclusions and Recommendations, Wind Hazard Conclusions*, the wind speeds during Hurricane Katrina were below current design wind speeds in most areas:
 - a. True
 - b. False

9. Considering *Conclusions and Recommendations, Performance of Building Envelope*, in general, _____ performed poorly:

- a. masonry buildings
- b. stucco
- c. vinyl sidings
- d. steel sidings

10. A *100-year flood* is defined as the flood elevation that has a 15 percent chance of being equaled or exceeded each year:

- a. True
- b. False