

Written Quiz

INDICATIONS OF POTENTIAL
BUILDING COLLAPSE

- | | <u>POINTS</u> |
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| 1. In steel construction, failure damage starts to occur around _____. | <u>10</u> |
| 2. Sagging _____ and _____ are a general indicator of potential building collapse. | <u>10</u> |
| 3. Continued or heavy fire, smoke showing through walls, and cracking noises are indicators of _____ collapse. | <u>10</u> |
| 4. Concrete block typically cracks along _____. | <u>10</u> |
| 5. Exposed reinforcing bar in concrete columns indicates possible column _____. | <u>10</u> |
| 6. In unreinforced masonry buildings, _____ that are exposed or pulled back into the building may indicate potential collapse. | <u>10</u> |
| 7. Distorted walls and full height _____ may indicate wall failure. | <u>10</u> |
| 8. If the _____ of a building is clearly exposed and badly undermined, the structure may fall. | <u>10</u> |
| 9. _____ that are tilting and pulled away from the floor may fall. | <u>10</u> |
| 10. _____, _____, and _____, noises may give an indication of immediate collapse. | <u>10</u> |

POINTS POSSIBLE: 100

POINTS DEDUCTED:

FINAL SCORE:

	<u>POINTS</u>
1. In steel construction, failure damage starts to occur around 1000o F (538° C) .	<u>10</u>
2. Sagging FLOORS and CEILINGS are a general indicator of potential building collapse.	<u>10</u>
3. Continued or heavy fire, smoke showing through walls, and cracking noises are indicators of POTENTIAL collapse.	<u>10</u>
4. Concrete block typically cracks along MORTAR LINES .	<u>10</u>
5. Exposed reinforcing bar in concrete columns indicates possible column FAILURE .	<u>10</u>
6. In unreinforced masonry buildings, RAFTER TIE PLATES that are exposed or pulled back into the building may indicate potential collapse.	<u>10</u>
7. Distorted walls and full height CRACKS may indicate wall failure.	<u>10</u>
8. If the FOUNDATION of a building is clearly exposed and badly undermined, the structure may fall.	<u>10</u>
9. B that are tilting and pulled away from the floor may fall.	<u>10</u>
10. CREAKING, GROANING , and CRACKING , noises may give an indication of immediate collapse.	<u>10</u>

POINTS POSSIBLE: 100

POINTS DEDUCTED:

FINAL SCORE: