

**GEOGRAPHIC INFORMATION SYSTEMS
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PO BOX 5839
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**kh@acnet.net
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***** EXAMINATION *****

**WOOD DESIGN AND CONSTRUCTION USING
THE 2003 INTERNATIONAL BUILDING CODE**

1. **A termite resistant wood is:**
 - a) Eastern red cedar
 - b) oak
 - c) pine
 - d) ash

2. **Fiberboard wall insulation applied on the exterior of foundation walls:**
 - a) shall be protected below ground level with a epoxy coating
 - b) shall be protected below ground level with a bituminous coating
 - c) shall be protected below ground level with a plastic coating
 - d) shall be protected below ground level with a vinyl coating

3. **Fire-retardant-treated wood, exposed to weather, should be labeled:**
 - a) Outside
 - b) weather resistant
 - c) exterior
 - d) Any of the above

4. **A fastener, where approved, may include:**
 - a) a clip
 - b) a staple
 - c) a glue
 - d) All of the above

5. **Clearance between wood siding and earth on the exterior of the building**
 - a) shall not be less than 4 inches
 - b) shall not be less than 6 inches
 - c) shall not be less than 8 inches
 - d) shall not be less than 10 inches

6. **Wood members can support masonry or concrete nonstructural floor:**
 - a) not more than 4 inches thick
 - b) not more than 6 inches thick
 - c) not more than 8 inches thick
 - d) not more than 10 inches thick

7. **The spacing of braced wall lines in each story shall not exceed:**
 - a) 15 feet in both the longitudinal and transverse directions
 - b) 25 feet in both the longitudinal and transverse directions
 - c) 35 feet in both the longitudinal and transverse directions
 - d) 45 feet in both the longitudinal and transverse directions
8. **Trimmer and header joists shall be doubled where the span of the header:**
 - a) exceeds 2 feet
 - b) exceeds 4 feet
 - c) exceeds 6 feet
 - d) exceeds 8 feet
9. **Each corner of an exterior wall shall have at least:**
 - a) 1 stud
 - b) 2 studs
 - c) 3 studs
 - d) 4 studs
10. **Foundation cripple walls shall be framed of studs not less in size:**
 - a) than the studding above with a minimum height of 14 inches
 - b) than the studding above with a minimum height of 18 inches
 - c) than the studding above with a minimum height of 22 inches
 - d) than the studding above with a minimum height of 26 inches
11. **Each end of a lintel or header shall have a length of bearing**
 - a) of not less than 1 1/2 inches
 - b) of not less than 2 1/2 inches
 - c) of not less than 3 1/2 inches
 - d) of not less than 4 1/2 inches
12. **No bored hole in a stud shall be nearer than:**
 - a) 3/8 inch to the edge of the stud
 - b) 5/8 inch to the edge of the stud
 - c) 7/8 inch to the edge of the stud
 - d) 1 inch to the edge of the stud
13. **Notching at the ends of rafters or ceiling joists shall not exceed:**
 - a) 1/8 of the depth
 - b) 1/4 of the depth
 - c) 1/3 of the depth
 - d) 1/2 of the depth
14. **Holes bored in rafters or ceiling joists shall not be within:**
 - a) 2 inches of the top or bottom
 - b) 3 inches of the top or bottom
 - c) 4 inches of the top or bottom
 - d) 5 inches of the top or bottom

15. **Wood trusses may be joined by:**
 - a) nails
 - b) bolts
 - c) timber connectors
 - d) Any of the above

16. **Braced wall panels shall be distributed along the length of braced wall:**
 - a) line and start at not more than 2 feet from each end of the wall line
 - b) line and start at not more than 4 feet from each end of the wall line
 - c) line and start at not more than 6 feet from each end of the wall line
 - d) line and start at not more than 8 feet from each end of the wall line

17. **Spacing between interior and exterior braced wall lines shall not exceed:**
 - a) 15 feet
 - b) 20 feet
 - c) 25 feet
 - d) 30 feet

18. **Where a section of floor or roof is not laterally supported by braced wall**
 - a) lines on all edges, the structure shall be considered to be unstable
 - b) lines on all edges, the structure shall be considered to be irregular
 - c) lines on all edges, the structure shall be considered to be faulty
 - d) lines on all edges, the structure shall be considered to be deficient

19. **Exterior exit balconies shall be positively anchored to the primary**
 - a) structure at not over 8 feet on center
 - b) structure at not over 12 feet on center
 - c) structure at not over 16 feet on center
 - d) structure at not over 20 feet on center

20. **Steel plat washers shall be a minimum of:**
 - a) 3/16 inch by 2 inches by 2 inches
 - b) 1/4 inch by 2 inches by 2 inches
 - c) 5/16 inch by 2 inches by 2 inches
 - d) 3/8 inch by 2 inches by 2 inches

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