1. When using the REScheck software, the compliance report submitted by the permit holder shall indicate that the applicable code is ____________.
   
   a. North Carolina  
   b. 2006 IECC  
   c. 2009 IECC  
   d. 2012 IECC

2. The NC specific Rescheck software may be used to demonstrate compliance for all of the following except ____________.
   
   a. Single family dwelling  
   b. Townhouse  
   c. Three story apartment building  
   d. Four story apartment building

3. The required permanent energy certificate shall be posted in any of the following locations except ____________.
   
   a. electrical distribution panel  
   b. hall closet  
   c. attic  
   d. kitchen cabinet

4. The required permanent energy certificate shall contain all of the following except ____________.
   
   a. heating appliance type and efficiency  
   b. wall insulation R-value  
   c. fenestration U-factor  
   d. fenestration SHGC

5. The required permanent energy certificate shall be completed and signed by any of the following except ____________.
   
   a. builder  
   b. permit holder  
   c. registered design professional  
   d. HERS rater
6. In a single family dwelling, all circulating service hot water piping shall be insulated to at least ___________.
   a. R-2
   b. R-3
   c. R-4
   d. R-6

7. For a single family dwelling, an in-ground permanently installed spa shall be provided with a ___________ cover.
   a. minimum R-2
   b. minimum R-5
   c. minimum R-8
   d. vapor retardant

8. For a single family dwelling, an inground permanently installed spa shall include all of the following except ___________.
   a. on-off switch for heaters
   b. time switch pumps
   c. time switch for heaters
   d. constant burning pilot light for gas heaters

9. When the “Simulated Performance Alternative” compliance approach is selected as the path to compliance for a single family dwelling, the analysis shall be performed by ___________.
   a. home builder
   b. registered design professional
   c. HERS rater
   d. HVAC contractor

10. In a single family dwelling, the “Simulated Performance Alternative” compares the ___________ energy cost of the proposed design to that of the standard reference design.
    a. daily
    b. monthly
    c. annual
    d. lifetime
11. When the “Simulated Performance Alternative” compliance approach is selected as the path to compliance for a single family dwelling, all of the following compliance documentation shall be provided to the inspector except ____________.

   a. address of the residence
   b. an inspection checklist
   c. life cycle cost
   d. name and version of the software

12. When the “Simulated Performance Alternative” compliance approach is selected as the path to compliance for a single family dwelling constructed in Climate Zone 3, given that the fuel type for the water heater for the “Proposed Design” is natural gas, the fuel type for the “Standard Reference Design” shall be ____________.

   a. electric
   b. natural gas
   c. oil
   d. wood
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<td>a</td>
<td>EC401.2; (Res N1101.2)</td>
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<td>2.</td>
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<td>3.</td>
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<td>d</td>
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