

Module 16104 Practice Exam

Substrates, Decks, and Roof Insulation

Trainee Name: _____ Date: _____

MULTIPLE CHOICE: Choose the most correct answer per question.

1. In buildings with steep-slope roofs, insulation is usually _____.
 - a) installed by roofers
 - b) below the roof deck
 - c) sprayed over the deck
 - d) under the shingles

2. A substrate is _____.
 - a) rated for its permeability
 - b) always underneath the roof deck
 - c) any surface upon which a membrane is applied
 - d) on top of the roofing membrane

3. When installing a vapor retarder on a nailable deck using hot-mopped bitumen, you should _____.
 - a) use only one layer of felt
 - b) fasten a base sheet after hot mopping a layer of bitumen
 - c) apply a primer to the deck surface
 - d) fasten a base sheet before hot mopping a layer of bitumen

4. Which of the following is used to minimize the effects deck movement due to weather and temperature changes?
 - a) Cover boards
 - b) OSB
 - c) Expansion joints
 - d) Vapor retarders

5. Two-component adhesives _____.
 - a) cure when both components are mixed
 - b) are not recommended for roofing
 - c) should not be used on concrete decks
 - d) take a long time to cure

6. Which of the following is the MOST common material for steep-slope decks?
- a) Steel
 - b) Cementitious wood fiber panels
 - c) Wood
 - d) Concrete
7. A tapered insulation plan is USUALLY generated by a _____.
- a) roofing contractor
 - b) building owner
 - c) manufacturer
 - d) roof installer
8. Water is solid at what temperature?
- a) 122°F (50°C)
 - b) Above 212°F (100°C)
 - c) Below 32°F (0°C)
 - d) 50°F (10°C)
9. Which of the following is thicker on one end to create a slope when placed on a flat surface?
- a) Low-rise foam
 - b) Glass-faced gypsum
 - c) Underlayment
 - d) Tapered insulation
10. Which of the following deck types is non-nailable?
- a) Steel
 - b) Wood planks
 - c) Wood panels
 - d) Structural concrete