

## DGS LEED BD&C Certification & Accreditation – Materials & Resources Sample Quiz

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1. The building materials on a DMV field office average 15% post-consumer recycled content as well as 20% pre-consumer recycled content. How many points under MR Credit 4 Recycled Content can the project earn? (Choose one)
  - A. \_\_\_\_\_ 1 point
  - B. \_\_\_\_\_ 2 points
  - C. \_\_\_\_\_ 2 points, plus 1 point exemplary performance
  - D. \_\_\_\_\_ 3 points
  - E. \_\_\_\_\_ 3 points, plus 1 point exemplary performance
2. In MR Credit 2 Construction Waste Management, which two of the following materials **are not** to be included in calculations for construction and demolition waste diversion (Choose two)
  - A. \_\_\_\_\_ Asphalt
  - B. \_\_\_\_\_ Brick
  - C. \_\_\_\_\_ Excavated soil
  - D. \_\_\_\_\_ Cardboard
  - E. \_\_\_\_\_ Hazardous materials
3. Furniture may be included in **all except the following** two Material credit calculations, but if used, must be used consistently on all of them (Choose two)
  - A. \_\_\_\_\_ MRc1, Building Reuse
  - B. \_\_\_\_\_ MRc2, Construction Waste Management
  - C. \_\_\_\_\_ MRc3, Materials Reuse
  - D. \_\_\_\_\_ MRc4, Recycled Content
  - E. \_\_\_\_\_ MRc5, Regional Materials
  - F. \_\_\_\_\_ MRc6, Rapidly Renewable Materials
  - G. \_\_\_\_\_ MRc7, Certified Wood
4. A State park building is undergoing a major renovation. 90% of the building exterior is being maintained, as well as 60% of the building interior surfaces. How many LEED points can the project earn through MR Credit 1 – Building Reuse? (Select one)
  - A. \_\_\_\_\_ 1
  - B. \_\_\_\_\_ 2
  - C. \_\_\_\_\_ 3
  - D. \_\_\_\_\_ 4
  - E. \_\_\_\_\_ 5
5. Which of the following products are **unlikely** to qualify as products including rapidly renewable materials, as defined by MRc6? (Choose 2.)
  - A. \_\_\_\_\_ Heart pine
  - B. \_\_\_\_\_ Bamboo
  - C. \_\_\_\_\_ Wool
  - D. \_\_\_\_\_ Particle Board
  - E. \_\_\_\_\_ Linoleum
  - F. \_\_\_\_\_ Cotton insulation

6. For a new construction project, which of the following Materials & Resources credits **does not** provide the opportunity for Exemplary Performance credits in the Innovation & Design Process category? (Choose 1.)
- A. \_\_\_\_\_ MRc1, Building Reuse
  - B. \_\_\_\_\_ MRc2, Construction Waste Management
  - C. \_\_\_\_\_ MRc3, Materials Reuse
  - D. \_\_\_\_\_ MRc4, Recycled Content
  - E. \_\_\_\_\_ MRc5, Regional Materials
  - F. \_\_\_\_\_ MRc6, Rapidly Renewable Materials
  - G. \_\_\_\_\_ MRc7, Certified Wood
7. Which of the following prerequisites or credits in the Materials & Resources category is eligible for Design Submittal under LEED-NC v. 2.2? (Choose 1.)
- A. \_\_\_\_\_ MRp1, Storage & Collection of Recyclables
  - B. \_\_\_\_\_ MRc1, Building Reuse
  - C. \_\_\_\_\_ MRc2, Construction Waste Management
  - D. \_\_\_\_\_ MRc3, Materials Reuse
8. According to MRp1, Storage & Collection of Recyclables, a recycling plan should include, at minimum, plans to store, collect, and recycle **all but** the following materials? (Choose 3.)
- A. \_\_\_\_\_ Paper
  - B. \_\_\_\_\_ Corrugated cardboard
  - C. \_\_\_\_\_ Magazines
  - D. \_\_\_\_\_ Glass
  - E. \_\_\_\_\_ Hazardous materials
  - F. \_\_\_\_\_ Plastics
  - G. \_\_\_\_\_ Chemicals
  - H. \_\_\_\_\_ Metals
9. Which of the following standards does MRc4, Recycled Content, reference? (Choose 1.)
- A. \_\_\_\_\_ Forest Stewardship Council's Principles and Criteria
  - B. \_\_\_\_\_ Center for Resource Solutions' Green-e Product Certification Requirements
  - C. \_\_\_\_\_ Green Seal Standard GC-03
  - D. \_\_\_\_\_ ISO 14021 – 1999 – Environmental Labels and Declarations
10. A building is undergoing a major renovation and expansion. The addition is 1.5 times the square footage of the existing building. To achieve MR Credit 1, Building Reuse, what existing surface area information must be available to document compliance with this credit? (Choose three.)
- A. \_\_\_\_\_ Window assemblies
  - B. \_\_\_\_\_ Exterior skin and framing
  - C. \_\_\_\_\_ Landscaped area to be retained
  - D. \_\_\_\_\_ Structural floor and roof decking
  - E. \_\_\_\_\_ Mechanical, electrical, and plumbing equipment
  - F. \_\_\_\_\_ Interior finish ceiling

## ANSWERS

1	B
2	CE
3	AB
4	C
5	AD
6	A
7	A
8	CEG
9	D
10	BDF