

# QUIZ: 'Designing and rating for sustainability'



NEW ZEALAND INSTITUTE OF  
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Questions relate to both sections of the seminar; Dr Paul Bannister and Matthew Cutler-Welsh.

## Yes No Questions - 5 Total (please circle correct answer)

1. The positive impact of ratings is proportional to how well the market understands what they mean  
A. YES  
B. NO
2. Performance ratings typically are more difficult to apply to new buildings?  
A. YES  
B. NO

3. NABERS (Commercial sector) is a 1 - 10 star rating?
- A. YES
  - B. NO
4. More than 1800 online Homestar assessments have been completed by homeowners in the Auckland?
- A. YES
  - B. NO
5. Unless the thermal envelope is performing you will not reach 3 stars in a Homestar assessment?
- A. YES
  - B. NO

**Multi-Choice - 10 Total (please circle correct answer)**

6. A positive impact of a NABERS (Homes) rating is?
- A. Positive impact due to behavioural focus
  - B. Helps assess important behavioural factors
  - C. Positive market driver to create widespread impact
  - D. Behaviour modification politically attractive
7. Design tools have a role in:
- A. Guiding industry practice and improving things that can't be measured
  - B. Driving innovation
  - C. Making things actually work
  - D. All of the above
8. Which of the following is not an example of a design rating?
- A. BREEM
  - B. LEAD
  - C. HERO
  - D. Energy Star
9. Typical applications of performance ratings are?
- A. New industrial buildings
  - B. Existing building market and refurbishments.
  - C. New homes
  - D. All of the above

10. The danger of ratings can be?
- A. that they work for different stakeholder groups
  - B. they become highly political
  - C. they control the definition of 'green'
  - D. All of the above
11. Design ratings typically can be?
- A. expensive to evaluate and require a lot of documentation to do well
  - B. difficult to apply outside a design environment
  - C. inadequate in providing a path to guaranteed outcomes
  - D. All of the above
12. A positive of Green Star (Commercial sector) is?
- A. Inexpensive
  - B. Great feedback loops to achieved results
  - C. Elevated environment to the same level as the marble in the foyer
  - D. All of the above
13. According to Homestar research a \$1 investment in a home can equal how much in health savings?
- A. \$10
  - B. \$1
  - C. \$3
  - D. \$8
14. Homestar is a tool that provides an assessment rating for?
- A. Both new and existing homes
  - B. New homes only
  - C. Existing homes only
  - D. Only homes built since 1972
- 14.
15. What critical elements must be achieved to reach 6 stars in a Homestar assessment?
- A. Thermal envelope, materials selection and moisture control
  - B. Thermal envelope, energy efficiency and moisture control
  - C. Thermal envelope, materials selection and water efficiency
  - D. Thermal envelope, moisture control and water efficiency

