

QUIZ: Vancouver Olympic Village 'World's greenest neighbourhood'



NEW ZEALAND INSTITUTE OF
ARCHITECTS
I N C O R P O R A T E D
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PLEASE NOTE: For NZIA CPD points this quiz must be completed online via the RABNZ website. You will be prompted to answer the quiz once your request for the DVD has been received.

Name:	
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Please complete and return to:
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Yes No Questions - 5 Total (please circle correct answer)

- Over the past period of time 60,000 people have moved into the city core of Vancouver which has dramatically changed the context of how the city functions.
A. YES
B. NO
- A traditional Canadian high rise planning model was used as the basis influence for the Olympic village development project?
A. YES
B. NO

3. Blinds on the outside of the buildings were something that they had not done before.
 - A. YES
 - B. NO
4. Instead of occupants being heated by an exchange with heated hot air, in this project they have heated the ceilings with water so you make an exchange with the heated ceiling?
 - A. YES
 - B. NO
5. Stairwells were used on the outside of the building to make people want to use them and draw light into the building.
 - A. YES
 - B. NO

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

6. Energy consumption was reduced in this project by _____ compared to any other project in the city of Vancouver?
 - A. 70%
 - B. 50%
 - C. 30%
 - D. 60%
7. The Hinge Park (Water Park) will store a _____ year flood in Vancouver and purify that water.
 - A. 20 year
 - B. 50 year
 - C. 15 year
 - D. 10 Year
8. How many buildings on the site are net zero energy buildings?
 - A. All the buildings
 - B. Two
 - C. Four
 - D. One
9. From the early days of design a rule was made that stated 'In any compartment where you have a heating and cooling system then there can be up to?
 - A. 70% Walls and 30% Glass
 - B. 70% Glass and 30% Walls
 - C. 50% Glass and 50% Walls
 - D. 40% Walls and 60% Glass

10. Engineers claim that a _____ reduction in infrastructure costs would be realised if an ambient approach to energy distribution was adopted?
- A. 70%
 - B. 50%
 - C. 40%
 - D. 30%
11. Which buildings in the project have received LEED Platinum?
- A. Millennium Water Neighbourhood
 - B. Community Centre
 - C. Net Zero Building
 - D. ALL of the above
12. In Individual suites air is brought in individually and is dropped in behind what to heat the air for the unit?
- A. Refrigerator
 - B. Pressurised corridors
 - C. Sewage system
 - D. All of the above
13. Solar Power garbage compactors are installed that gather solar energy and periodically compact the garbage, this results in the amount of times garbage has to be collected reduces from every day down to?
- A. once a week
 - B. every second day
 - C. every 5 days
 - D. twice a week
14. In parcel 6 what percentage of roof areas are green ?
- A. 50%
 - B. 30%
 - C. 70%
 - D. 80%
15. If Antarctica melted the oceans would rise by how much?
- A. 70 meters
 - B. 50 meters
 - C. 7 meters
 - D. 60 meters

