



3. What is off-gassing?
  
  
  
  
  
  
  
  
  
  
4. Name two rating systems for environmental impact .
  
  
  
  
  
  
  
  
  
  
5. Explain the significance of the shape of the Turbine Tower by Richard Rogers partnership.
  
  
  
  
  
  
  
  
  
  
6. What percentage of waste from cities is returned to the biosphere?
  
  
  
  
  
  
  
  
  
  
7. How much carbon is produced by buildings and what implications does it have for the environment?
  
  
  
  
  
  
  
  
  
  
8. Explain the idea of “city as kidney.”
  
  
  
  
  
  
  
  
  
  
9. What is the history and purpose of a “badgir?”

10. Explain the positive environmental qualities of the Georgian sash window.
  
11. Explain how a double skin building can help save energy in the winter and cite at least one example.
  
12. Explain how landscape screening might have advantages over constructed screening.
  
13. How is the air handling system in the New Parliament Building in London historically reverential?
  
14. Why aren't the Getty Museum and the Guggenheim at Bilbao considered sustainable buildings? Why is Le Corbusier's Unite L'Habitation be considered sustainable?
  
15. Name three ways to cool buildings that do not employ standard mechanical air conditioning.

16. Name three ways that a planted roof contributes to sustainability
  
17. How many tons of raw materials are consumed by the construction industry each year?
  
18. Explain the concept of downcycling and why this is a concern in using recycled construction materials.
  
19. What are “cradle to cradle” materials?
  
20. Explain how the post-it note might be considered sustainable technology.
  
21. How might sustainable principles be used to soften hierarchical barriers in the work place? Cite at least 2 project examples.
  
22. According to Richard Rogers, what are the least sustainable buildings? What is his opinion of the impact of sustainability on architectural design?

23. Explain Kenneth Yeang's method of convincing commercial clients to include green design features in their project.

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