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QUIZ QUESTIONS

Energy and Climate

1. Counting highway fuels and electricity in homes and businesses, what is the energy equivalent of gasoline burned daily per-person in the Northwest?
 - a. 1+ gallons
 - b. 2+ gallons
 - c. 5+ gallons
 - d. 12+ gallons

Answer: b. 2+ gallons Source: Cascadia Scorecard 2010, Sightline Institute

2. For each barrel of oil we burn, we emit how many pounds of climate-warming gases?
 - a. 2 pounds
 - b. 100 pounds
 - c. ½ ton (1,000 lbs)
 - d. 1 ton (2,000 lbs)

Answer: c. ½ ton (1,000 tons) Source: Cascadia Scorecard 2010, Sightline Institute

3. How many barrels of oil are consumed by Northwesterners each year?
 - a. 8 million
 - b. 1 6 million
 - c. 25 million
 - d. 300 million

Answer: d. 300 million Source: Cascadia Scorecard 2010, Sightline Institute

4. Recycling one ton of paper saves 4,100 kilowatts of energy, enough to power one home for:
 - a. 1 day
 - b. 3 weeks
 - c. 6 months
 - d. 17 years

Answer: c. 6 months Source: Trash to Cash www.ecocycle.org/tidbits

5. What percentage is the U.S. of the world's population and what proportion of world natural resources do we use?
 - a. 10%:15%
 - b. 8%: 16%
 - c. 5%: 25%
 - d. 2%: 40%

Answer: c. 5%:25% Source: Environmental Protection Agency www.ecocycle.org/tidbits

6. The most energy efficient form of transportation is:

- a. car
- b. bus
- c. bike
- d. train

Answer: c. bike

Source: Seven Wonders for a Cool Planet, Eric Sorensen & Sightline Institute

7. How much of the fuel that power plants burn gets converted to energy?

- a. Less than 90%
- b. Less than 75%
- c. Less than 50%
- d. Less than 40%

Answer: d. Less than 40%

Source: Seven Wonders for a Cool Planet, Eric Sorensen & Sightline Institute

8. What is the world's fastest growing energy source?

- a. Wind power
- b. Solar power
- c. Nuclear power
- d. Flower power

Answer: a. wind power Source: Seven Wonders for a Cool Planet, Eric Sorensen & Sightline Institute

9. True or False: A typical US library prevents 250 tons of greenhouse-gas emissions each year, just from the paper it doesn't consume.

Answer: True. Source: Seven Wonders for a Cool Planet, Eric Sorensen & Sightline Institute

10. At the highest speed, a typical ceiling fan uses _____ the wattage of a medium-sized room air-conditioner.

- a. 1/10
- b. 1/2
- c. 3/4
- d. 2 times

Answer: a. 1/10 Source: Seven Wonders for a Cool Planet, Eric Sorensen & Sightline Institute

11. A typical clothes washer, hot water included, creates how many pounds of carbon dioxide and greenhouse gases each year?

- a. 557
- b. 932
- c. 1544
- d. 2675

Answer: c. 1544

Source: Seven Wonders for a Cool Planet, Eric Sorensen & Sightline Institute

Forest, Habitat, and Wildlife

12. In 2009, more than _____ chinook passed the Columbia River's Bonneville Dam, 146 miles upstream from the river's mouth on the Pacific Ocean.
- a. 50,000
 - b. 1.5 million
 - c. 25
 - d. 300,000.

Answer: d. 300,000 *Source: Cascadia Scorecard 2010, Sightline Institute*

13. Washington's 106,000 acre Wild Sky wilderness area got its name from:
- a. Senator Patty Murray
 - b. a Seattle-based energy drink company
 - c. an inspirational folk hymn
 - d. the Skykomish River

Answer: d. The Skykomish River *Source: Seattle Times*

14. After a worrisome seven-year decline starting in 1995, the number of southern resident _____ began to increase.
- a. barnacles
 - b. sea slugs
 - c. orcas
 - d. tourists

Answer: c. orcas *Source: Cascadia Scorecard 2010, Sightline Institute*

15. What do policeman's helmet, gorse, and fanwort all have in common? All are:
- a. popular English rock bands
 - b. foot ailments
 - c. noxious weeds in King County
 - d. celebrity baby names

Answer: c. noxious weeds in King County *Source: King County*

Pollution & Toxics

16. Which form of transportation produces more pounds of Carbon Dioxide per passenger:
- a. Car (solo driver)
 - b. Jet (average occupancy)
 - c. Carpool (3 people)

Answer: a. Car (solo driver) *Source: Cascadia Scorecard 2010, Sightline Institute*

17. Which has a larger carbon foot print, a medium-sized dog or an SUV?

Answer: a medium-sized dog *Source: Sightline Daily Archive, 2009*

18. True or False: Pet waste makes great compost.

True/False

Answer: False. Source: Seattle Public Utilities and Seattle Tilth

Recreation & Parks

19. Approximately how many bicyclists use Seattle's Burke-Gilman trail on a typical weekday?

- a. 1,800
- b. 1,100
- c. 450
- d. 200

Answer: a. 1,800 Source: City of Seattle

20. What is the ratio of bikes to cars worldwide?

- a. 2 bikes for every 1 car
- b. 10 bikes for every 1 car
- c. 1 bike for every 5 cars
- d. equal

Answer: a. 2 bikes for every car Source: Seven Wonders for a Cool Planet, Eric Sorensen & Sightline Institute

Sustainable Communities

21. A North American uses roughly how many times more resources over the course of her life than a resident of the developing world?

- a. 10
- b. 25
- c. 50
- d. Trick question, we use the same

Answer: b. 25 Source: Seven Wonders for a Cool Planet, Eric Sorensen & Sightline Institute

22. Our nation's fresh vegetables typically travel how many miles to market?

- a. 100-500
- b. 500-1000
- c. 1500-2500
- d. 3000-3500

Answer: c. 1500-2500 Source: Seven Wonders for a Cool Planet, Eric Sorensen & Sightline Institute

23. Grasscycling means:

- a. composting grass clippings in a compost pile
- b. mowing the lawn and leaving the clippings where they fall
- c. bicycling on grass
- d. Willie Nelson's exercise routine

Answer: b. mowing the lawn and leaving the clippings Source: King County