

## Renewable Energy Professional Exam (Sample Questions)

1. Which of the following has been suggested as an approach to sequestering carbon?
  - A. Technological sequestration
  - B. Ocean direct injection
  - C. Geological storage
  - D. All of the Above
  
2. Hydroelectric is scalable. Which of the following is not a primary component of such systems?
  - A. Dam or retention
  - B. Tail tube extractors
  - C. Intakes
  - D. Electrical generation system
  - E. Penstock
  
3. Which of the following lists the actual/correct greenhouse gases that cause global climate change and are typically included in regulatory schemes?
  - A. Carbon Dioxide, Methane, Nitrous Oxide, Sulfur Hexafluoride, HFCs, PFCs
  - B. Carbon Dioxide, Hydrogen Sulfide, Ammonia
  - C. Carbon Monoxide, Hydrogen, Helium, Nitrogen
  - D. Lead, Asbestos, Radiation, Inert Gases
  - E. Carbon Dioxide, Methane, Nitrous Oxide, Sulfur Hexafluoride, HFCs,
  
4. A 100 KW Solar Electric installation costs \$500,000. The Investment Tax Credit is 30%. The energy produced by the system is \$20,000 per year. The Simple Payback is 5 years. What is the annual fixed value of the Renewable Energy Credits.?
  - A. \$30,000
  - B. \$50,000
  - C. \$75,000
  - D. \$20,000
  - E. None of the above
  
5. Which of the following is not considered to be a hybrid electrical generation system?
  - A. Solar PV system coupled with a WTG
  - B. Passive solar heating with rooftop PV and biomass cogen
  - C. Wind generator with acid batteries
  - D. Geothermal HPs with microhydro
  - E. Actually all are hybrid generation systems

Answers: 1(D), 2(B), 3(A), 4(B), 5(C)