Assignment 1

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

1. Which one is the non-conventional source of energy?
   - Coal
   - Wind energy
   - Nuclear energy
   - Natural gas
   No, the answer is incorrect. Score: 0
   Accepted Answers: wind energy

2. What is the following disadvantage of most non-conventional energy sources?
   - Pollution
   - High waste disposal cost
   - Unavailable supply
   - High running cost
   No, the answer is incorrect. Score: 0
   Accepted Answers: unavailable supply

3. Lignite, bituminous and anthracite are different types of?
   - Nuclear fuel
   - Coal
   - Natural gas
   - Sugars
   No, the answer is incorrect. Score: 0
   Accepted Answers: Coal

4. Wind is a beneficial resource of energy as it doesn't cause?
   - Pollution
   - Noise
   - Erosion
   No, the answer is incorrect. Score: 0
   Accepted Answers: Pollution

5. Plants material and waste from burning things considered as?
   - Fossil fuel
   - Bio mass
   - Coal
   - Grade
   No, the answer is incorrect. Score: 0
   Accepted Answers: Bio mass

6. Energy dependence of 2000 for two dimensional system?
   - E=3/S
   - E=1/2
   - E
   No, the answer is incorrect. Score: 0
   Accepted Answers: 3/S

7. Time dependent Schrodinger's equation of a system represents the conservation of the?
   - Potential energy
   - Kinetic energy
   - Total energy
   - Kinetic Energy
   No, the answer is incorrect. Score: 0
   Accepted Answers: Total energy

8. The wave function for a particle must be normalizable because?
   - the particle's charge must be conserved
   - the particle's momentum must be conserved
   - the particle cannot be in two places at the same time.
   - the particle must be somewhere
   No, the answer is incorrect. Score: 0
   Accepted Answers: the particle cannot be in two places at the same time.

9. Fermi energy level?
   - the top most filled energy level at K temperatures
   - the top most filled energy level at C temperatures
   - separate volume band and conduction band
   - none of the above
   No, the answer is incorrect. Score: 0
   Accepted Answers: the top most filled energy level at K temperatures

10. TD statistics is applicable for?
    - Fermion
    - Boson
    - Both
    No, the answer is incorrect. Score: 0
    Accepted Answers: Both