Grade 12

Theme 8 Alternative Energy

Test 1

Name: _____ Class: _____ Date: _____

Choose the best answer for each question.

1. Energy from sources that can be naturally replenished is called ____.
   A) exhausted B) renewable C) disposable
2. To consume energy means to ____ it.
   A) use
   B) store permanently without using
   C) produce without any input
3. The excessive use of a resource means using ____ necessary.
   A) exactly as much as is B) more than is C) less than is
4. A leak in a water pipe causes ____.
   A) water to become a renewable fuel
   B) electricity to be stored safely
   C) water to escape unintentionally
5. 'I'm writing to report a problem with the heating.' This sentence introduces ____.
   A) an apology for missing a meeting
   B) a complaint
   C) an invitation to a celebration
6. Which response offers a solution to lights being left on in empty rooms?
   A) We could install timers and check room use.
   B) We should keep every light on overnight.
   C) We could stop recording electricity use.
7. The school wants to reduce waste ____ lowering unnecessary consumption.
   A) by B) although C) unless
8. 'I'd appreciate it if you could investigate the unusually high bill.' The speaker requests ____.
   A) an immediate end to every service
   B) permission to ignore the bill
   C) an examination of the problem
9. The report points out several causes of energy waste. 'Points out' means ____.
   A) draws attention to B) removes without discussion C) denies the existence of
10. 'Please don't misunderstand me; I support the project, but the noise needs attention.' The speaker ____.
    A) rejects every aspect of the project
    B) claims there is no noise problem
    C) supports the project while raising a concern

Grade 12

Theme 8 Alternative Energy

Choose the best answer for each question.

11. Which complaint identifies a specific problem?
    A) The new system switches off before the last lesson ends.
    B) Everything about this place is always terrible.
    C) Nothing ever works anywhere.

12. In order ____ the problem, we need accurate measurements.
    A) understanding B) to understand C) understand

13. A proposed solution should address ____.
    A) the cause or practical effects of the problem
    B) only the appearance of the report
    C) an unrelated issue with a similar name

14. The heating controls were adjusted; ____, empty rooms were no longer heated all evening.
    A) despite this B) beforehand C) as a result

15. Which statement avoids an unsupported guarantee?
    A) This change will remove every energy cost forever.
    B) One successful day proves the system can never fail.
    C) This change may reduce waste; we should measure the results.

Read the text and answer questions 16 to 20.

Before Buying New Equipment

Students noticed that their school's electricity use remained high after lessons ended. Some suggested buying new energy equipment immediately. The caretaker proposed checking how the existing building was used first. For two weeks, students recorded when lights, computers and heaters were left on in empty rooms. The findings led to revised closing routines and clearer responsibility for switching equipment off. Electricity use then fell, although the team continued monitoring it. They still considered renewable energy, but wanted any future investment to respond to measured needs rather than replace avoidable waste with more equipment.

16. What first concerned the students?
    A) Too few computer lessons
    B) High electricity use after lessons
    C) A cancelled equipment delivery

17. What did the caretaker recommend?
    A) Replacing every heater immediately
    B) Examining existing use before buying equipment
    C) Stopping all electricity measurements

18. What did the students record?
    A) Only the price of new solar panels
    B) Equipment left on in empty rooms
    C) The number of staff holidays

19. What changed after the investigation?
    A) Closing routines and responsibilities
    B) The length of every lesson
    C) The school's location

20. What was the team's position on renewable energy?
    A) It was rejected without further consideration.
    B) It was guaranteed to remove all waste immediately.
    C) It remained an option to assess against measured needs.