

NAME & SURNAME: \_\_\_\_\_

Mark your answers ON THE OPTIC FORM. You have 13 minutes to answer the questions.

Choose the correct option (A-B-C-D) for the following questions using your notes on the second part of the lecture.

11. Windmills have been used for **ALL** of the following purposes **EXCEPT** for...
- A. producing electricity
  - B. taking water out of the ground
  - C. producing food
  - D. taking crops from fields
12. Which of the following is **NOT** mentioned as an advantage of wind power?
- A. It supports life on our planet.
  - B. It doesn't cause pollution.
  - C. It is an endless source of energy.
  - D. It is not as expensive as fossil fuels.
13. Which of the following is **NOT** mentioned as a disadvantage of wind power?
- A. The technology to store energy is not sufficient.
  - B. Wind power depends on solar energy.
  - C. The supply of energy is not consistent.
  - D. Wind farms make a lot of noise.
14. Nuclear fusion ...
- A. is the result of dividing an atom.
  - B. is nearly impossible on Earth.
  - C. does not produce much energy.
  - D. does not happen in the sun.
15. The most important advantage of nuclear power is...
- A. constant energy production
  - B. emission of greenhouse gasses
  - C. similarity to solar energy
  - D. production in a nuclear plant
16. Nuclear waste...
- A. produces electrical energy in a nuclear plant.
  - B. is the material left over from nuclear reactors.
  - C. is easy to store for future industrial use.
  - D. remains radioactive for a very short time.

Decide if the following statements are **TRUE** or **FALSE** according to the second part of the lecture. Write **T** if they are **TRUE** and **F** if **FALSE**.

17. All nuclear plants use nuclear fission to produce energy. T/F
18. Nuclear power doesn't cause global warming, so it is environmentally friendly. T/F

Match the dates in column A with their significance in column B. There are **TWO** extra items in column B.

19. \_\_\_\_ 9<sup>th</sup> century
20. \_\_\_\_ 19<sup>th</sup> century
- A. Iran built the first vertical windmills.
  - B. The first windmills were invented.
  - C. James Blyth invented wind turbines.
  - D. Horizontal windmills became wind turbines.