

TEST NAME: **Unit 2 Test**
TEST ID: **3304710**
GRADE: **09 - Ninth Grade - 12 - Twelfth Grade**
SUBJECT: **Industrial/Technology Education**
TEST CATEGORY: **School Assessment**

10/14/19, Unit 2 Test

Student: _____

Class: _____

Date: _____

1. Who primarily determines the value of a technology over time?
 - A. Marketing and advertising department
 - B. User and society
 - C. Manufacturer and builder
 - D. Engineer and designer

2. A coal-fired power plant creates coal ash as a waste product. An accident occurs when the container for coal ash leaks the waste into a river. What area has the leak affected **most**?
 - A. Environment
 - B. Politics
 - C. Culture
 - D. Economy

3. The printing press, developed by Johannes Gutenberg in 1445, made books available to more people and less costly. This is an example of how technology:
 - A. hinders society.
 - B. benefits society.
 - C. moves society.
 - D. motivates society.

4. Coal ash from a coal-fired power plant has leaked into a nearby water system. The governor and the legislature are crafting a new law that would require cleaning of the water and proper disposal of the ash. The new law is an example of how technology has affected:
- A the environment.
 - B politics.
 - C culture.
 - D the economy.
5. Which resources are shared within a technological environment or across other fields, often resulting in innovation?
- A Money, knowledge, or marketing
 - B Creativity, money, or skills
 - C Business, marketing, or ideas
 - D Ideas, knowledge, or skills
6. Using a tennis racket to swat flies is an example of:
- A technology transfer.
 - B an invention.
 - C trade-off.
 - D a discovery.
7. Thomas Edison's invention of the lightbulb has affected every person's day-to-day life. This is an example of how technology has affected:
- A society.
 - B the economy.
 - C politics.
 - D the environment.

8. A new major highway is being planned to connect two small towns. Many of the townspeople want the highway but have major concerns, as it would pass directly through a historical area. The townspeople's concerns are an example of how technology has affected:
- A. the economy.
 - B. culture.
 - C. politics.
 - D. the environment.
9. Advancements in mathematics and science usually result in advancements in:
- A. technology.
 - B. digital media.
 - C. social studies.
 - D. performing arts.
10. What area tends to have a more direct effect on society because of its ability to both solve and create new problems?
- A. Science
 - B. Technology
 - C. Mathematics
 - D. Social Studies
11. In 1996 the first cloned mammal, Dolly, was born. This advancement sparked a debate about the right and wrong use of cloning technology. This is an example of what type of concern?
- A. Engineering
 - B. Ethical
 - C. Economic
 - D. Environmental

12. A lawn equipment manufacturer has recently added a new product to their line of outdoor power equipment. As a result, the manufacturer is adding 75 new jobs to its local production facility. The new job openings are an example of how technology has affected:
- A. the environment.
 - B. politics.
 - C. culture.
 - D. the economy.
13. The telescope and calculator are products of the:
- A. Renaissance.
 - B. Middle Ages.
 - C. Information Age.
 - D. Iron Age.
14. In the information age, significant advancements in the areas of communication have come about. Which invention is **not** a product of the information age?
- A. Computer
 - B. Television
 - C. Cell phone
 - D. MP3 player
15. During the Renaissance period, the technological development of items such as telescopes, microscopes, and thermometers greatly influenced progress in:
- A. science.
 - B. manufacturing.
 - C. construction.
 - D. electricity.

16. Studying the historical developments of technology helps citizens:
- A. vote for public funding for new science and technology initiatives.
 - B. rely on the expertise of others to make technological decisions.
 - C. appreciate how innovation is an essential component of history.
 - D. select the best solution to a problem.
17. What time period falls in between the Bronze Age and the Middle Ages?
- A. Iron Age
 - B. Renaissance
 - C. Information Age
 - D. Industrial Revolution
18. The use and production of stone tools occurred in which period of human history?
- A. Paleolithic
 - B. Renaissance
 - C. Information
 - D. Communication
19. The representative artifacts, Barometer, clocks, etc., for the Renaissance period appear more detailed and are constructed with more precision than in previous periods. This suggests that there may have been improvements in:
- A. methods of measuring.
 - B. computer-integrated manufacturing.
 - C. human creativity.
 - D. public education.

20. The invention of the transistor and microprocessor launched the:
- A. Information Age.
 - B. Industrial Revolution.
 - C. Renaissance.
 - D. global importing and exporting of goods.
21. The period of human history that dramatically influenced the advancement of science through the development of instruments for measuring was the:
- A. Renaissance.
 - B. Neometrics.
 - C. Industrial Revolution.
 - D. Information Age.
22. The magnetic compass, paper money, and the waterwheel were invented during the:
- A. Middle Ages.
 - B. Iron Age.
 - C. Bronze Age.
 - D. Renaissance.
23. Which field is critical to competitive economic growth in the twenty-first century and is a mainstay of the present technological age?
- A. Transportation technologies
 - B. Information and communication technologies
 - C. Construction technologies
 - D. Manufacturing technologies

24. A technologically literate person should have a good understanding of the history of technology because:
- A. it allows one to understand how old and obsolete technologies are now valuable in today's society.
 - B. greater understanding of technology history will increase one's knowledge for other history classes.
 - C. it helps one to better understand the scientific method.
 - D. it allows one to understand how technology evolves and builds through invention and innovation.
25. Which technological device was a catalyst for additional scientific discoveries?
- A. Microscope
 - B. Gaming system
 - C. Automobile
 - D. Microwave oven
26. In what time period did alphabet and coins come into general use?
- A. Iron Age
 - B. Middle Ages
 - C. Stone Age
 - D. Information Age
27. In order to better understand the world and technology around it, with regards to invention and innovation, people need to understand:
- A. the history of technology.
 - B. the future of the country.
 - C. current political bills and laws.
 - D. the history of civilizations.

28. The Renaissance, which translates to "rebirth", represents a significant period of human history that resulted in major advancements of:
- A. industry and manufacturing.
 - B. natural sciences.
 - C. medical practices and procedures.
 - D. agriculture and irrigation.
29. Integrated circuits, microprocessors, fiber optics, and computer networks have multiplied in use in the **last** few decades. What is the name of the age when these advancements were made?
- A. Industrial Age
 - B. Information Age
 - C. Data Age
 - D. Digital Age
30. The development and widespread use of agricultural technology led to significant improvements in:
- A. personal hygiene.
 - B. human longevity and health.
 - C. engineering.
 - D. scientific discovery.