

# SCIENCE, SOCIETY & TECHNOLOGY – FINAL TEST

**Directions:** Answer the following questions on a separate sheet of paper. Remember to use capital letters.

1. Which term best matches the following definition?  
*The use of knowledge, tools and systems to make people's lives easier and better*
  - a) Society
  - b) Communication
  - c) Technology
  - d) Influence
  
2. Which term best matches the following definition?  
*An effect of one thing (or person) on another*
  - a) Society
  - b) Communication
  - c) Technology
  - d) Influence
  
3. Which term best matches the following definition?  
*A group of people living as members of a community*
  - a) Society
  - b) Communication
  - c) Technology
  - d) Influence
  
4. True or False? Ancient people used to carve into the walls of caves.
  
5. True or False? Slate pencils were a tool that people devised to make writing easier.
  
6. True or False? A pencil is a technology.
  
7. Who invented the first electric telegraph?
  - a) Samuel Morse
  - b) Joseph Henry
  - c) Alexander Graham Bell
  - d) The Pony Express
  
8. An exchange in which one benefit is given up in order to obtain another.
  - a) Trade-off
  - b) Engineer
  - c) Brainstorm
  - d) None of the above
  
9. A process in which an individual (or group members) freely suggest any creative solutions to a problem.
  - a) Trade-off
  - b) Brainstorm
  - c) Engineer
  - d) None of the above
  
10. Any factor (thing) that limits or restricts a decision.
  - a) Constraint
  - b) Undesirable
  - c) Consequence
  - d) None of the above

11. A person who is trained to use both technological and scientific knowledge to solve practical problems.
  - a) Engineer
  - b) Drag
  - c) Gravity
  - d) None of these
  
12. A working model used to test a design.
  - a) Constraint
  - b) Prototype
  - c) Product
  - d) None of these
  
13. A result of something
  - a) Desirable
  - b) Constraint
  - c) Consequence
  - d) None of these
  
14. Which of the following is NOT one of the 6 steps in technology design skills?
  - a) Form a hypothesis
  - b) Identify a need
  - c) Building a Prototype
  - d) All of these are part of the 6 steps
  
15. Something produced (i.e. made)
  - a) Product
  - b) Engineer
  - c) Gravity
  - d) None of these
  
16. Having pleasing qualities or properties
  - a) Constraint
  - b) Undesirable
  - c) Desirable
  - d) None of these
  
17. Not desirable; unwanted; not having pleasing qualities or properties
  - a) Constraint
  - b) Desirable
  - c) Undesirable
  - d) None of these
  
18. The air resistance on a rocket
  - a) Trade-off
  - b) Gravity
  - c) Drag
  - d) None of these
  
19. Force which pulls on a rocket and causes its weight.
  - a) Trade-off
  - b) Gravity
  - c) Drag
  - d) None of these
  
20. Who is the coolest?
  - a) Mr. Brown
  - b) Mr. Zentgraf