Period 20 **VOCABULARY (Unit 11: SCIENCE AND TECHNOLOGY)**

V. Match the names of occupations with their definitions.

1. chemist		**a**. a person who has invented something
2. archaeologist		**b**. a person who travels to unknown places in order to find out what is there
3. software developer		**c**. a person who works to protect the environment, plants, animals and natural resources
4. physicist		**d**. a person who studies the buildings, graves, tools, and other objects of people who lived in the past
5. explorer		**e**. a person who builds and creates Computer programs
6. biologist		**f**. a scientist who works with Chemicals or studies their reactions
7. inventor		**g**. a scientist who studies physics
8. conservationist		**h**. a scientist who studies living things

VI. Complete the sentences with the words in part V.

1. Christopher Columbus was an Italian_____ who discovered the Americas.
2. Marie Curie was a Polish_____ who discovered the elements polonium and radium.
3. The _____ reconstructed the broken ancient vase from its fragments.
4. As a_____, you'll work to protect and enhance the local environment.
5. Mr. Kaku is a quantum_____, a founder of string field theory.
6. Matt works as a_____for a Computer manufacturer.
7. Eugenie Clark was an American marine_____ who worked with sharks.
8. Tim Berners-Lee is best known as the_____ of the World Wide Web.

VII Match the words with their definitions.

1. research findings	…..A. the study of human history and prehistory through the excavation of sites and the analysis of artifacts and other physical remains.
2. breakthrough	…..B. a thing made or adapted for a particular purpose, especially a piece of mechanical or electronic equipment.
3. archeology	…..C. a period in history when one technology is replaced by another technology
4. device	…..D. results of your study based on the methodology you applied to gather information.
5. patent	…..E. a new method, idea, product
6. technologicalrevolution	…..F. a sudden, dramatic, and important discovery or development.
7. innovation	…..G. a government authority or license conferring a right or title for a set period, especially the sole right to exclude others from making, using, or selling an invention.

VIII. Who invented what? Match the inventors with their inventions.

1. Isaac Newton	…..a. the Internet
2. Thomas Edition	…..b. gravity
3. James Watt	…..c. theory of relativity
4. Alexander Graham Bell	…..d. the airplane
5. Alexander Fleming	…..e. Facebook
6. Albert Einstein	…..f. Windows software

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7. Tim Berners-Lee	.....g. the light bulb
8. The Wright brothers	.....h. the steam engine
9. Bill Gate	.....i. penicillin
10. Mark Zuckerberg	.....j. the telephone

IX. Complete the sentences with the words from the box.

technology	***enormous***	***benefits***	***techniques***	***exploring***
incurable	***underground***	***inventions***	***patient***	***progress***

1. In 50 years, homes might be located_____ or on water.
2. The Internet is one of the greatest_____ in human history.
3. Scientists are_____ the possibility of living on Mars.
4. New_____ has made it possible to communicate more easily.
5. Thomas Edison received a_____ for his light bulb in January 1880.
6. Science-based technology has an_____ impact on the human environment.
7. We have made significant_____ in the fight against HIV/AIDS.
8. Modern freezing _____ enable the chickens to be stored for weeks.
9. Robots will bring_____ to the manufacturing workforce.
10. Her cancer has been called_____ after it spread to her lungs.

X Choose the best answer (A, B, C or D).

1. I am interested in natural science .....like Chemistry and Physics.
   A. subjects B. objects C. topics D. themes
2. Steam engine has been known as a remarkable .....in science and technology.
   A. breakdown B. break-up C. breakthrough D. outbreak
3. We will .....chips in the brain to control devices in the future.
   A. implant B. add C. include D. attach
4. The .....of penicillin, one of the world's first antibiotics, marks a true turning point in human history
   A. generation B. exploration C. invention D. discovery
5. The group of doctors has spent 8 months.....the side - effects of this new vaccine.
   A. having examined B. to examine C. examining D. to have examined
6. The doctor said that this disease .....prevented by vaccine.
   A. can B. can be C. could D. could be
7. Her teacher told her that there .....still room for her improvement in her work.
   A. has been B. had been C. is D. was
8. A mechanical calculator which could do additions or subtractions very quickly was .....by Little Pascal.
   A. found out B. discovered C. found D. invented
9. Science and technology have .....the life safe, secure and comfortable.
   A. transformed B. made C. done D. changed
10. Facebook was built on the.....of earlier social network sites like MySpace and Bebo.
   A. succeed B. successful C. successfully D. success

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