LESSON 1

A. PHONETICS

I Find the word which has a different sound in the underlined part.

1.	A. gentle	B. kennel	C. generate	D. genetics
2.	A. chemist	B. cholera	C. machinery	D. mechanic
3.	A. drama	B. mammal	C. damage	D. grammar
4.	A. cherish	B. chorus	C. scholarship	D. chaos
5.	A. college	B. privilege	C. message	D. collage

II Find the word which has a different stress pattern from the others.

1.	A. unnoticed	B. experiment	C. underground	D. unchanged
2.	A. chemical	B. impossible	C. investigate	D. solution
3.	A. discussion	B. immoral	C. examine	D. conclusion
4.	A. implant	B. unfortunate	C. imply	D. findings
5.	A. unbalance	B. engine	C. portable	D. valuable

B. VOCABULARY AND GRAMMAR

III 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. technological revolution	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.

IV Fill in the gaps with the words in the box.

findings	advances	experiment
consumption	applications	revealed

1. There is a …… that human ageing may be delayed or even reserved.

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2. The experiments have ..... that there is a strong relationship between family background and children's academic success.
3. Today scientific progress is mostly defined in terms of technological .....
4. There are a number of technological ..... in our classroom.
5. The ..... of the research will make great contributions to reforming our educational system.
6. To make sure that the first results weren't just an accident, you need to repeat your ..... several times.

V 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

VI Put the verbs into the correct tenses.

1. China (connect) ..... Beijing to London with a high-speed railway soon.
2. This time next year, our research team (carry out) ..... the third trial experiment in our project.
3. John said that he (not attend) ..... the lesson on Geography the following week.
4. My brother said that he (finish) ..... his project in the following day.

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5. The teacher told us that she (be going to do) …….. a study on the positives and negatives of using technological devices in learning.

VII Fill in the blank with the correct form of the given word in bracket.

1. The invention of steam engine in the 19th century was such a ……..in the history of science and technology. — break
2. The scientists have conducted three ……tests so far this month. — try
3. All the findings of this research must be kept …….. — confident
4. ……..advances have changed people's life both positively and negatively. — technology
5. The ……..of vaccine has remained one of the most important events in the medical field. — discover

VIII Find one mistake in each sentence and correct it.

1. "I have read a very interesting article about Artificial Intelligent yesterday", she said. ..... (A: have read; B: article; C: about; D: said)
2. My cousin told me that he spends a lot of time studying physics, chemistry and biology. ..... (A: told; B: spends; C: lot of; D: studying)
3. It is very interested to learn about different inventions in the past centuries ..... (A: interested; B: learn about; C: inventions; D: the past)
4. With commerce space travel, we will be taking minerals from the moon at this time in 2030. ..... (A: commerce; B: will be taking; C: from; D: at this time)
5. If I were you, I would make some research from the Internet about how steam engines were improved over the decades. ..... (A: were; B: make some research; C: about; D: were improved)

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