Directions: In each question, you will be asked to determine the appropriate assumption or conclusion from the given statement. Every given statement is assumed to be true. Choose the letter of the best answer for each item.

1. John knows how to play the piano, so he might have taken a piano class.

Which of the following is an appropriate assumption of the statement above?

(A) All piano virtuoso took a piano class
(B) Everyone who knows how to play the piano took a piano class.
(C) Most people who know how to play the piano took a piano class.
(D) All students of a piano class know how to play a piano.

2. Belinda passed the exam, so she might have reviewed very well last night.

Which of the following is an appropriate assumption of the statement above?

(A) All people who reviewed last night passed the exam.
(B) Everyone who passed the exam reviewed very well last night.
(C) Most of the students who passed the exam reviewed very well last night.
(D) Even those students who failed the exam reviewed very well last night.

3. The sales of a company relies on the effectiveness of their newly employed marketing strategies. This month, the company has higher sales.

Which of the following can be concluded from the statement above?

(A) The Company’s marketing strategies are cheaper
(B) The Company’s marketing strategies are effective
(C) The Company’s marketing strategies are competitive
(D) Both B and C.
4. Computers should be used to compute complicated statistical data.
Assumptions:
   I. Computer chips are made up of silicon.
   II. Computers can handle complex computations

Which of the following is TRUE:
   (A) Only assumption I is the likely assumption of the statement.
   (B) Assumptions I and II are likely assumptions of the statement
   (C) Neither assumptions I nor II is a likely assumption of the statement.
   (D) Only assumption II is the likely assumption.

5. Matthew said that he always reads news on a reputable website to keep him updated with the current events.
Assumptions:
   I. Mark does not read newspapers.
   II. Websites are the only source of accurate news.

Which of the following is TRUE:
   (A) Only assumption I is the likely assumption of the statement.
   (B) Assumptions I and II are likely assumptions of the statement
   (C) Neither assumption I nor II is a likely assumption of the statement.
   (D) Only assumption II is the likely assumption.

6. The government must allocate more funds to research and development to boost economic growth.
Assumptions:
   I. Political unrest and decline in consumer spending hinders economic growth
   II. Research is the sole factor of economic growth

   (A) Only assumption I is the likely assumption of the statement
   (B) Assumptions I and II are likely assumptions of the statement.
   (C) Neither assumption I nor II is a likely assumption of the statement.
   (D) Only assumption II is the likely assumption.
7. Last year, a well-known fast food chain planned to expand its operations by constructing a new branch in another country. It was decided that if their sales would continuously increase by at least 40% last year, they would continue the expansion. This year, there is a new branch of the fast-food chain in other countries.

Which of the following can be concluded from the statement above?
(A) The sales of the fast-food chain did not decline at the rate of 40% last year.
(B) The sales of the fast-food chain increased last year.
(C) The sales of the fast food chain reached 40% last year.
(D) None of the above.

8. Alice is a lawyer because she has a good understanding of the revised penal code. Which of the following is an appropriate assumption of the statement above?
(A) Everyone who understands the revised penal code is a lawyer
(B) Every lawyer understands the revised penal code
(C) The revised penal code is easy to understand
(D) Everyone can understand the revised penal code.

9. Musical prodigies exhibit exemplary compositional skills, mastery of a musical instrument, and great intuition on musical concepts before adolescence. Wolfgang Amadeus Mozart, a well-known Austrian classical composer, is known to be a musical prodigy.

Which of the following is a correct conclusion from the statement above?
(A) Mozart exhibits great eagerness to perform piano concertos at a very young age.
(B) Mozart composed excellent music during his early age.
(C) Mozart was widely known in Austria as a child composer
(D) Mozart is a primary icon of classical music.

10. Some scientific breakthroughs are due to serendipity.

Assumptions:
I. All scientific breakthroughs are due to an intensive research
II. Scientific breakthroughs are caused by carelessness
III. Not all scientific breakthroughs are results of careful experiments
IV. Scientific breakthroughs are limitless

(A) I and II only
(B) I and III only