

2016. Fossil fuel consumption has increased globally from 94,462/twh in 2000 to 1,33,853/twh now. The rise in population (currently 7.7 billion) indicates a steady growth in energy demand worldwide. In comparison, the fact that renewable energy took a decade to become 1/3 of energy capacity is not the ideal pace, considering we might not have two more decades to wait for RE to catch up.

Source: www.forbesindia.com

Which of the following statement (s) if true, will support the author's claim that the rate of growth in Renewable Energy is not satisfactory?

- I. The use of fossil fuels to satisfy energy needs continues to be a popular choice.
- II. The issue of energy scarcity is being addressed by the use of RE in a more appropriate manner.
- III. Government and private organisations are working together to develop technology which operates on RE.

- A. Only I
- B. Only III
- C. Only II
- D. Both I and II
- E. Both II and III

5. Which of the following is NOT true with respect to the context of the passage?

- I. Deaths due to increased pollution level have escalated in the past few years.
- II. Though the rate of growth in RE is less than required, it has been consistent.
- III. More market share allotment to green energy has given RE a worldwide acceptance.

- A. Only II
- B. Only III
- C. Only I
- D. Both I and II
- E. Both II and III

6. Which of the following is/are the goal (s) of the green energy transition?

- A. Solve the growing energy scarcity.
- B. Reduce dependency on fossil fuels.
- C. Reduce the death rate due to increased pollution levels.

- D. To steady the growth in energy demand.
- E. Both A and B

7. Which of the following can be inferred from the statement "one can argue that the future has arrived, in parts at least"?

- A. The growth trajectory in the field of renewable energy is incredible.
- B. The dependency on fossil fuels has significantly reduced.
- C. The sustainable energy sector has identified RE to be an ideal component.
- D. The pace at which RE is developing is consistent but not ideal.
- E. None of the above.

8. **Direction:** In this question, two **columns I and II** and three sentences are given, which are divided into two parts. **Column I (A, B and C)** consists of first half of each sentence and **Column II (D, E and F)** consists of second half of each sentence. Match column I with column II, so that the sentences formed are both meaningful and grammatically correct. Choose the correct option as your answer.

- I.
- A) Market research has shown us that
 - B) The government has
 - C) Demand has outstripped
- II.
- D) Supplied of qualified teachers
 - E) People are loyal to a brand not prices
 - F) Reforms are entire tax system
- A. C-F
 - B. B-D
 - C. A-E
 - D. All of the above
 - E. None of the above

9. **Direction:** In this question, two **columns I and II** and three sentences are given, which are divided into two parts. **Column I (A, B and C)** consists of first half of each sentence and **Column II (D, E and F)** consists of second half of each sentence. Match column I with column II, so that the sentences formed are both meaningful and grammatically correct. Choose the option as your answer.

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