

1. With reference to petroleum coke or petcoke, consider the following statements:
 1. Petroleum coke is the leftover sludge from oil plants.
 2. India is the world's largest petcoke consumer country.
 Which of the statements given above is/are correct?
 - A: 1 only
 - B: 2 only
 - C: Both 1 and 2**
 - D: Neither 1 nor 2
2. What is the uppermost layer of aquifer or aquifer called?
 - A: Water-table**
 - B: Ground water
 - C: Ground water
 - D: Crust
3. Consider the following statements about gas hydrates:
 1. Gas hydrates are also known as Clathrates and are formed when one type of molecule is enclosed in another type of molecule forming a lattice structure.
 2. Methane hydrate, a type of gas hydrate, consists of methane molecules enclosed within a lattice structure of water molecules.
 Which of the statements given above is/are correct?
 - A: 1 only
 - B: 2 only
 - C: Both 1 and 2**
 - D: Neither 1 nor 2
4. Consider the following statements about the Solar energy:
 1. It is a renewable energy source that comes from the sun.
 2. Solar energy is harnessed through passive techniques.
 Which of the statements given above is/are correct?
 - A: 1 only
 - B: 2 only
 - C: Both 1 and 2**
 - D: Neither 1 nor 2
5. Which of the following statement(s) is/are correct about Urban Co-operative Banks (UCBs) in India?
 1. Urban cooperative banks are fully regulated by the RBI.
 2. UCBs are located in both urban and rural areas.
 Which of the statements given above is/are correct?
 - A: 1 only
 - B: 2 only**
 - C: Both 1 and 2
 - D: Neither 1 nor 2
6. What is the most appropriate measure of economic growth of a country?
 - A: Gross Domestic Product
 - B: Gross national product
 - C: Per capita income**
 - D: Unemployment rate
7. Which of the following hills are included under the Western Ghats?
 1. Annamalai
 2. Eucalyptus
 3. Nallamala
 4. Cardamom
 How many of the above are correct?
 - A: Only one
 - B: Only two**
 - C: Only three
 - D: All four
8. Consider the following statements regarding the characteristics of black soils:
 1. Soils are clayey, deep and impermeable.
 2. It swells and becomes sticky when it gets wet.
 3. Moisture remains in this soil for a long period.
 How many of the statements given above are correct?
 - A: Only one
 - B: Only two
 - C: All three**
 - D: None
9. Which of the following is not a characteristic of the Indian parliamentary system?
 1. Presence of real and nominal executives
 2. Power of the majority party
 3. Membership of ministers in the legislature
 4. Leadership of the President or Governor
 How many of the statements given above are correct?
 - A: Only one
 - B: Only two
 - C: Only three**
 - D: All four
10. With reference to the Preamble of the Constitution, consider the following statements:
 1. The Preamble of the Indian Constitution is

not based on an objective proposition.

2. The Preamble of the Indian Constitution was inspired by the Preamble of the Canadian Constitution.

3. The word equality was added to the Preamble by the Constitution (42nd Amendment) Act, 1976?

How many of the statements given above are correct?

A: Only one

B: Only two

C: All three

D: None



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