



DAILY QUIZ SEPTEMBER-2017
ENERGY

Q1 what is the difference between Compressed Natural Gas (CNG) and Liquefied natural gas (LNG)?

1. The major component of CNG is Methane; while major component of LNG is butane
2. CNG has greater thermal efficiency than LNG

Select the correct option from the codes given below:

- A. Only 1
- B. Only 2
- C. Both 1 and 2
- D. Neither 1 nor 2

Q2 Consider the statements about Methanol:

1. Methanol can be produced from hydrocarbons only.
2. It is cheaper and improves engine performance hence can be used to reduce carbon footprint.
3. Natural gas is widely used to produce methanol.

Which of above are correct?

- A. 1 and 2 only
- B. 2 and 3 only
- C. All of the above
- D. 2 only

Q3 which of the following is NOT an essential part of battery:

- A. Anode
- B. Cathode
- C. Acid
- D. Electrolyte

Q4 Coal bed methane is called as 'Sweet gas' because:

- A. It has high content of hydrogen sulfide
- B. Its lack of hydrogen sulfide
- C. contains very little heavier hydrocarbons such as propane or butane
- D. None of the above

Q5 With reference to “Saubhagya” Plan, recently in news, Which of the following statement is/are correct?

- 1) The Rural Electrification Corporation Limited (REC) will be the nodal agency for the operationalisation of the scheme throughout the country.
- 2) Households across the country will be given electricity connections free of cost under this plan.

Select the correct option using the codes given below.

- A. 1 only
- B. 2 only
- C. Both are correct
- D. Neither 1 nor 2

Q6 Consider the following statements:

1. The plant load factor (PLF) of coal and lignite-based plants has increased consistently over the decade.

2. A village is declared to be electrified if 10% of the households are given electricity along with public places such as schools, panchayat office, health centres, dispensaries and community centres.

Which of the above statement(s) is/are correct?

- A. Only 1
- B. Only 2
- C. Both 1 and 2
- D. Neither 1 nor 2

Q7 Highest wind energy producing state in India is :

- A. Gujarat
- B. Tamilnadu
- C. Kerala
- D. Maharashtra

Q8 Advantages of shifting to electric vehicles is/are :

1. CO₂ footprint will increase
2. Battery technologies development

3. Dependency on fossil fuel will come down

Choose the correct option from below:

- A. 1 and 2 only
- B. 2 and 3 only
- C. All of the above
- D. None of the above

Q9 which state has become the first Indian State to approve e-vehicle policy?

- A. Kerala
- B. Andhra Pradesh
- C. Karnataka
- D. Odisha