



1. Consider the following statements about ETHANOL 100 Fuel
 - 1) It has high-octane rating, typically between 100-105
 - 2) It includes 93-93.5% ethanol blended with 5% petrol and 1.5% co-solvent, which is a binder.Choose the incorrect statement:
 - a) 1 only
 - b) 2 only
 - c) Both 1 and 2
 - d) Neither 1 nor 2

2. Consider the following statements about Fast Breeder Reactor (FBRs)
 - 1) India's first indigenous Prototype Fast Breeder Reactor (PFBR) is located in Gorakhpur Nuclear Power Plant, Haryana.
 - 2) FBRs are a type of nuclear reactor which can create more fissile material (fuel) than they consume.
 - 3) This is achieved by converting fertile material into fissile material through a process called nuclear transmutation.How many of the statements given above are correct?
 - a) Only one
 - b) Only two
 - c) All three
 - d) None of the above

3. Recently UNEP and UNDP has launched the The Financing Agrochemical Reduction and Management Programme (FARM) Consider the following statements w r t FARM:
 - 1) It is NOT funded by Global Environment Facility.
 - 2) It aims to combat pollution from the use of pesticides and plastics in agriculture.
 - 3) India is part of this Programme.How many of the above statements is/are correct?

Select the correct code.

 - a) Only one
 - b) Only two
 - c) All three
 - d) None

4. Recently, the first phase of India's Atmospheric Research Tested in Central India (ART-CI) was inaugurated.

What is the Atmospheric Research Tested in Central India (ART-CI), consider the following statements:

 - 1) The test bed will be established near Bhopal.
 - 2) More accurate forecasts through ART will ultimately help the farming community plan their activities better.
 - 3) The tested is funded by the Ministry of Earth Science.How many of the statements given above are correct?

Select the correct code.

- a) Only one
- b) Only two
- c) All three
- d) None

5. PM-SURAJ Portal, sometimes in news is related to?

- a) Offering credit support to the marginalized segments of society.
- b) Online submission and tracking of the process of installation of rooftop solar plants
- c) A Geoportal of ISRO provides services and applications related to satellite remote sensing data for public use.
- d) An initiative of Ministry of Information and Broadcasting to fraudulent activities affecting mobile users in India.

6. Consider the following statements

- 1) Hydro chlorofluorocarbons (HCFCs) are both ozone depleting substances (ODS) and powerful greenhouse gases.
- 2) Kigali Amendment to the Montreal Protocol aims to reduce consumption of hydrofluorocarbons (HFCs) by 80% by 2047.

Choose the correct statement:

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

7. Consider the following pairs:

Space Missions – Countries

- 1) Crew-9 Mission – USA
- 2) Chang'e 6 Mission – Japan
- 3) XPoSat Mission – Russia
- 4) SLIM Mission – India

How many pairs given above are correctly matched?

- a) Only one
- b) Only two
- c) Only three
- d) All four

8. With reference to trade cooperation, consider the following statements:

- 1) Under the Single Market, there are no tariffs or taxes or quotas on goods and/or services from one country entering another country.
- 2) Under the Free Trade Area, free movement of goods, services, capital and people is allowed.
- 3) Under the Custom Union, the countries agree to apply the same tariffs to goods from outside the union.

How many of the above statements are correct?

- a) Only one
- b) Only two
- c) All three
- d) None

9. Which of the following constitutional provisions empowers the Parliament to create a new all-India Service?

- a) Article 315
- b) Article 312
- c) Article 320
- d) Article 345

10. Which of the following provisions deals with rights of citizenship of persons of Indian origin residing outside India?

- a) Article 6
- b) Article 7
- c) Article 8
- d) Article 9

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