



Prelims Practice Questions 24-11-2018

1) Consider the following statements with respect to Chandrayaan-2

1. It is a totally indigenous mission.
2. It comprises of an Orbiter, Lander and also a Rover.
3. The mission is planned to be launched by a Polar Satellite Launch Vehicle (PSLV).

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

- a. 1 only
- b. 2 only
- c. 1 and 2 only
- d. 1, 2 and 3

Answer : c

- **GSLV-F10/Chandrayaan-2 Mission**
- Chandrayaan-2, India's second mission to the Moon is a **totally indigenous** mission comprising of an **Orbiter, Lander and Rover**.
- It is being developed by the ISRO.
- The mission is planned to be launched to the Moon by a **Geosynchronous Satellite Launch Vehicle (GSLV)**.

2) "Data City Programme" is sometimes seen in the news recently. It is a/an/the

- a. Block Chain based project to collate and organise information about a City
- b. NCERT's mission to train both government and private school faculties online
- c. Microsoft's programme to provide safety training to school going girl students
- d. Project to solve issues of a city using solutions created by Start-ups

Answer : d

- The **Karnataka government** has launched an initiative called "**Data City**" in partnership with France based utility company Suez and a start-up accelerator NUMA.
- It **aims at solving burning issues of the city using innovative solutions developed by start-ups** from a pool of applications.
- It is a seven month long programme where the corporates, startups, government agencies and citizens will work closely to find solutions to city's growing issues like mobility, water, waste management, energy, buildings, transparency and security.
- It is **the first Data City programme launched in Asia**.

3) Consider the following statements with respect to Gibraltar

1. It is a British Overseas territory.
2. It shares borders with both Spain and Portugal.

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

- a. 1 only

- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

Answer : a

- Gibraltar is a **British Overseas Territory**, located near the southernmost tip of Spain.
- It has a **border with Spain**.
- Spain has long claimed sovereignty over the territory, which adjoins **the Spanish mainland** but has been a **British territory since 1713**.
- Gibraltar is due to leave the EU along with the UK at the end of March next year, **despite 96 percent of its population voting to remain in the 2016 referendum on leaving the EU**.
- *Spain's Prime Minister says his country will vote against the divorce agreement between the European Union and the United Kingdom if Gibraltar's future isn't considered a bilateral issue between Madrid and London.*
- Spain wants the future of Gibraltar, to be a bilateral issue between Madrid and London.

4) Consider the following statements

1. Use of Cannabis for medical purpose is legal in India.
2. The recreational use of cannabis such as *Bhang* is prohibited in India.

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

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

Answer : d

- The **recreational use of cannabis is prohibited** under the Narcotic Drugs and Psychotropic Substances Act, 1985.
- The **bar does not apply to an edible preparation called bhang**, which is allowed in some States.
- **Medical marijuana may soon become legal in the country** with Indian scientists making an earnest effort for the first time to find potential use for the active ingredients present in the cannabis plant in the management of diseases such as cancers, epilepsy and sickle cell anaemia.
- *Recently, the government had granted license to Indian Institute of Integrated Medicine (IIIM), Jammu for the cultivation of cannabis for medical research and drug development.*
- In June, 2018, the US Food and Drug Administration approved the first-ever cannabis-based drug for the treatment of seizures associated with two rare and severe forms of epilepsy.

5) Consider the following modes of transmission

1. Mother to fetus during pregnancy
2. Person to person contact
3. Sexual contact
4. Transfusion of blood and blood products
5. Coughing and sneezing
6. Organ transplantation

In which of the mode(s) given above Zika virus can transmit?

- a. 1, 3 and 4 only
- b. 1, 2, 3 and 4 only
- c. 1, 3, 4 and 6 only
- d. All of the above

Answer : c

- Zika virus is primarily transmitted by the bite of an infected mosquito from the Aedes genus, mainly **Aedes aegypti**.
- This is the same mosquito that transmits **dengue, chikungunya and yellow fever**.
- Zika virus is also transmitted from **mother to fetus during pregnancy, through sexual contact, transfusion of blood and blood products, and organ transplantation**.
- Zika is not an airborne disease and cannot be spread by **coughing, sneezing or by casual person-to-person contact**.

6) Consider the following statements with respect to Marine debris

1. It is a solid or liquid material discarded, disposed of, or abandoned in the marine and coastal environment.
2. Indonesia is the world's biggest contributor of marine debris.

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

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

Answer : d

- Marine debris is usually defined as any persistent, manufactured or processed **solid material** discarded, disposed of, or abandoned in the marine and coastal environment.
- These may include cigarette butts, plastic food wrappers, plastic and glass beverage bottles, etc.
- **Indonesia** is the world's **second** biggest contributor to marine debris **after China**.
- 5 Asian Countries responsible for more than half of the eight million tonnes of plastic waste dumped into the world's oceans.
- The report by Ocean Conservancy blames China, Indonesia, the Philippines, Vietnam and Thailand.
- *Recently, a sperm whale has been found dead in Indonesia with more than a hundred plastic cups and a dozen plastic bags in its stomach.*

7) Consider the following statements with respect to G-20

1. India is one of the members of G-20 grouping.
2. The headquarters of G-20 grouping is located in Geneva, Switzerland.
3. The 2018 G-20 leaders summit is planned to be held in Buenos Aires, Argentina.

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

- a. 1 and 2 only
- b. 1 and 3 only
- c. 2 and 3 only
- d. 1, 2 and 3

Answer : b

- Argentina, Australia, Brazil, Canada, China, the European Union, France, Germany, **India**, Indonesia, Italy, Japan, Mexico, Russia, Saudi Arabia, South Korea, Turkey, the United Kingdom and the United States are the members of the G-20 grouping.
- The G20 has **neither headquarters nor permanent staff**. All organizational and logistical arrangements for meetings are handled by the country which is currently presiding over the group.
- The G20 leaders meet will be held in **2018 in the city of Buenos Aires, Argentina**.
- It will be the 13th meeting of Group of Twenty (G20) and the **first G20 summit to be hosted**

in South America.

8) Consider the following statements with respect to Goat Plague disease

1. It is a viral disease that affects goats and sheep in many parts of India.
2. It is endemic to India.
3. There is no vaccine existed for this disease.

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

- a. 1 only
- b. 2 only
- c. 2 and 3 only
- d. 1, 2 and 3

Answer : a

- Goat plague, or Peste des petits ruminants (PPR), is a highly contagious **viral disease** that afflicts **goats and sheep** in many parts of India.
- Apart from India, goat plague is prevalent in **many African countries, West Asia, China and Mongolia**.
- It was a big problem in India till recently. But it has been now able to control it to a large extent using **conventional live vaccines** developed by the Tamil Nadu Veterinary and Animal Sciences University (TANUVAS) as well as the Indian Veterinary Research Institute (IVRI) under the Indian Council of Agricultural Research (ICAR).
- *Recently, researchers from the UK and India, including a team from the TANUVAS, have jointly developed a 'smart' vaccine.*
- **DIVA**, as the smart vaccine has been named has the potential to help **eradicate** goat plague disease.

9) Consider the following pairs

1. Bandipur National Park - Karnataka
2. Mouling NP - Assam
3. Nameri NP - Arunachal Pradesh
4. Mollem NP - Kerala

Which of the pair(s) given above is/are matched *incorrectly*?

- a. 1 only
- b. 4 only
- c. 2 and 3 only
- d. 2, 3 and 4 only

Answer : d

- Bandipur National Park - Karnataka
- Mouling NP - Arunachal Pradesh
- Nameri NP - Assam
- Mollem NP - Goa

10) Consider the following statements with respect to Quadricycles

1. It is a vehicle of the size of a four wheeler but with three tyres.
2. Quadricycles are allowed only for Non-transport purpose in India.

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

- a. 1 only
- b. 2 only

- c. Both 1 and 2
- d. Neither 1 nor 2

Answer : d

- A Quadricycle is a vehicle of the size of a **3-wheeler but with 4 tyres** and fully covered like a car.
- It has an engine like that of a 3-wheeler. This makes it a cheap and safe mode of transport for last mile connectivity.
- *Ministry of Road Transport and Highways has notified the insertion of the item 'Quadricycle' as a **'non transport' vehicle** under the Motor Vehicles Act 1988.*
- *The "Non-transport" purpose refers to the **personal use** of Quadricycle by the people.*
- **Quadricycles were only allowed for transport usage under the Act, but now has been made usable for non transport also.**

