

Q: Consider the following statement regarding Tampara Lake:

1. It is an important habitat for vulnerable species such as *Cyprinus carpio*.
2. It is already placed in the Wetland Atlas prepared by Ministry of Environment, Forest and Climate Change.
3. It is one of the largest fresh water lakes in the State of Mizoram.

Choose the correct option from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) 1, 2 and 3

Ans: a

Explanation:

- Tampara Lake is one of the largest fresh water lakes in the State of Odisha.
- The beautiful lake & the nearby Chilika Lagoon highlight the ecological diversity Odisha is blessed with.
- It supports at least 60 species of birds, 46 species of fishes, at least 48 species of phytoplanktons, and more than seven species of terrestrial plants and macrophytes.
- It is an important habitat for vulnerable species such as *Cyprinus carpio*, common pochard (*Aythya ferina*), and river tern (*Sterna aurantia*).
- It is already placed in the Wetland Atlas prepared by Ministry of Environment, Forest and Climate Change in 2010.

Q: Consider the following statement regarding Bubonic Plague:

1. Plague is an infectious disease caused by Fungus.
2. It is also known as Black Death.
3. It happens when the lungs are infected.

Choose the correct option from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) 1, 2 and 3

Ans: b

Explanation:

- Plague is an infectious disease caused by a specific type of bacterium called *Yersinia pestis*.
- It can affect humans and animals and is spread mainly by fleas.
- Bubonic plague, also known as Black Death, is one type of plague. It gets its name from the swollen lymph nodes (buboes) caused by the disease.
- The other types of plague are:
 - Septicaemic plague, which happens when the infection goes all through the body.
 - Pneumonic plague, which happens when the lungs are infected.

Q: Consider the following statement regarding Malaiyali tribe:

1. They are native of Tamil Nadu's hilly regions.
2. They have not any claim to be considered as an ancient hill tribe.

Choose the correct option from the codes given below:

- a) 1 Only
- b) 2 Only
- c) 1 and 2
- d) None of the above

Ans: c

Explanation:

- The Malaiyali tribe – malai meaning “hill” and yali meaning “people” – is strewn across Tamil Nadu’s hilly regions.
- The Malayalis have not any claim to be considered as an ancient hill tribe, but are Tamil speaking people who migrated from the plains to the hills in comparatively recent times, probably during the middle of eighteenth century.

Q: Consider the following statement regarding Pradhan Mantri Uchchatar Shiksha Abhiyan:

1. Rashtriya Uchchatar Shiksha Abhiyan (RUSA) scheme has been launched as (PM-USHA).
2. It covers government and government-aided institutions of the States and UTs.
3. It is a Centrally Sponsored Scheme (CSS).

Choose the correct option from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) 1, 2 and 3

Ans: d

Explanation:

- In the light of the National Education Policy, Rashtriya Uchchatar Shiksha Abhiyan (RUSA) scheme has been launched as Pradhan Mantri Uchchatar Shiksha Abhiyan (PM-USHA).
- It covers government and government-aided institutions of the States and UTs.
- It is a Centrally Sponsored Scheme (CSS).
- Equity, Access, and Inclusion: The scheme focuses on equity initiatives and gender inclusion by providing adequate opportunities to underprivileged groups, and it promotes the inclusion of women, minorities, SCs/STs/OBCs, and specially-abled people in higher education, which will help to increase the GER
- Developing Quality Teaching & Learning processes: It would provide the facilities to the institution for upgrading the physical and digital infrastructure and also for the conversion of single-stream higher education institutions (HEIs) into multiple streams institutions

Q: Consider the following statement regarding Microplastics:

1. They are tiny bits of various types of plastic found in the environment.
2. The name is used to differentiate them from “macroplastics” such as bottles and bags made of plastic.
3. Primary microplastics are particles that result from the breakdown of larger plastic items, such as water bottles.

Choose the correct option from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) 1, 2 and 3

Ans: a

Explanation:

- Microplastics are tiny bits of various types of plastic found in the environment.
- They are a result of the fragmentation and degradation of larger plastic items, as well as the direct release of tiny plastic particles, often intentionally added to consumer products like cosmetics and cleaning agents.
- The name is used to differentiate them from “macroplastics” such as bottles and bags made of plastic.
- There is no universal agreement on the size that fits this bill — the S. NOAA (National Oceanic and Atmospheric Administration) and the European Chemical Agency define microplastic as less than 5mm in length.
- Primary microplastics are tiny particles designed for commercial use, such as cosmetics, as well as microfibers shed from clothing and other textiles, such as fishing nets.
- Secondary microplastics are particles that result from the breakdown of larger plastic items, such as water bottles.

