

IASbaba's Daily Prelims Test [Day 18]

Topic- Environment/IYB/Current Affairs

1. Floods in Punjab-Haryana region are mainly result of

1. Improper drainage
2. High density of rivers/streams
3. Salt encrustation
4. Very heavy rainfall

Select the correct code:

1. 1, 2 and 3 Only
2. 1, 2, and 4 Only
3. 1, 2 and 3 Only
4. All of the above

Solution: 3

Very heavy rainfall is not responsible for floods in Punjab-Haryana zone

2. Consider the statements regarding protective adaptation.

1. Cryptic coloration
2. Resemblance coloration
3. Warning coloration

Select the correct code:

1. 1 and 2 Only
2. 1 and 3 Only
3. 2 and 3 Only
4. All of the above

Solution: 4

Warning coloration adaptation appears to avoid the mistake encounter of dangerous animals in general, or the encounter of unpalatable organisms by predators. The animals bear this coloration to advertise their being dangerous or unpalatable. Gila monster the only known poisonous lizard has bright black, brown yellow and orange bands. Most poisonous snakes possess warning coloration.

3. Humus in soil is useful because it

1. Increases water retention in soil
2. Improves soil structure
3. Sets ground for capillary mechanism to enrich top layer with minerals from beneath.

Select the correct code:

1. 1 Only
2. 2 Only
3. 1 and 2 Only
4. 1 and 3 Only

Solution: 3

Capillary mechanism has nothing to do with humus.

4. Consider the areas focused in recently released World Bank's report "Building Resilience for Sustainable Development of the Sundarban"

1. Health issues of human settlements there.
2. Destruction of ecosystem services
3. Coastal mining.

Select the correct code:

1. 1 Only
2. 2 Only
3. 1 and 2 Only
4. 1 and 3 Only

Solution: 3

5. Consider the statements about Soil health card scheme.

1. It will indirectly result into increase level of nutrient loading in local streams.
2. It would reduce the problem of temporary inundation.
3. It has been rolled out to check the excess use of fertilizers.

Select the correct code:

1. 1 and 2 Only
2. 1 and 3 Only
3. 2 and 3 Only

4. 3 Only

Solution: 3

Nutrient loading will decrease if excess use of fertilizer is checked. Excess use of fertilizer results into salt encrustation impeding infiltration so locally, inundation is witnessed.

6. Green economy as a concept embraces

1. Carbon free economy
2. Resource efficient economy
3. Socially inclusive economy

Select the correct code:

1. 1 Only
2. 2 Only
3. 2 and 3 Only
4. All of the above

Solution: 3

Low Carbon economy has been emphasized to achieve green economy. Carbon free economy is all most impossible to achieve by Human.

7. Consider the statements regarding Nano pollution:

1. Living organisms may not have appropriate means to deal with Nano wastes as Nano particles don't appear in nature
2. Due to their size, they can penetrate the animal cells but not plant cells as they have mechanism of Nano particles filtration.
3. Nano-particles do not have any impact on human immune system.

Select the correct code:

1. 1 Only
2. 2 Only

3. 1 and 2 Only

4. 1 and 3 Only

Solution: 1

They can penetrate the animal cells and plant cells. Research has established the veracity of the facts that Nano particles have great impacts on human immune system.

<http://www.azonano.com/article.aspx?ArticleID=3138>

8. What do you think would help in securing the nutrition security for impoverished masses of India?

1. By emphasizing over Bio fortification.
2. By including coarse grains in PDS system.
3. By creating enabling environment for cooperative type of functioning.
4. Increasing cultivation cover for rice and wheat.
5. By increasing processing capacities in India.

Select the correct code:

1. 1, 2, 3 and 5 Only
2. 1, 2, 3, and 4 Only
3. 1 and 2 Only
4. All of the above

Solution: 1

We have already a huge area cover under rice and wheat and it's no way helping us in securing nutritional security.

9. Consider the statements about aquatic adaptation:

1. Skin of most aquatic forms is rich in mucous glands.
2. They have a fatty layer below the skin for insulating the body.
3. The hollow outgrowth of the alimentary canal functions as an organ of flotation.

Select the correct code:

1. 1 Only
2. 2 Only
3. 1 and 2 Only
4. All of the above

Solution: 4

Skin of most aquatic forms is rich in mucous glands to make it slippery that serve the purpose of avoiding friction with environment.

They have a fatty layer below the skin known as bubbler. Besides insulating the body, it also helps in flotation.

The hollow outgrowth of the alimentary canal, called air bladder, functions as an organ of flotation

10. Consider the statements regarding global energy subsidies

1. U.S.A is the largest spender on energy subsidies while china stands at second place.
2. Energy subsidies exceed the estimated public health spending for the entire globe.

Select the correct code:

1. 1 Only
2. 2 Only
3. BOTH

4. NONE

Solution: 2

Read International Monetary Fund (IMF) recent report titled Act Local, Solve Global
China stands at first position.

India Year Book and Environment/Current Affairs

11. Namami gange programme would implicitly strengthen the Indian compliance to

1. Convention of biological diversity.
2. Ramsar convention.
3. Convention on the Conservation of Migratory Species of Wild Animals (CMS)

Select the correct code:

1. 1 Only
2. 2 Only
3. All of the above
4. 1 and 3 Only

Solution: 3

12. Match the following

- | | |
|----------------------------|--------------------------------------|
| 1. Champions of the Earth | Rajiv Gandhi Environment Award |
| 2. Clean Technology | Goldman Environment Prize |
| 3. Environmental Activists | United Nations Environmental Program |

Select the correct code

1. 1 and 3

2. 2 and 3
3. All
4. None

Solution- 4

Champions of the Earth- UNEP

Clean Technology Award- Rajiv Gandhi Environment Awards

Goldman Environmental Prize- Activists

13. Consider the following species

1. Whales
2. Sharks
3. Polar Bears
4. Gazelles

Which of the following species have been recently given protection under UN Conservation of Migratory Species of Wild Animals (CMS)?

1. 1, 2 and 3
2. 2, 3 and 4
3. 1, 2, 3 and 4
4. 1, 2 and 4

Solution- 3

<http://www.smh.com.au/environment/conservation/31-species-of-migratory-animals-given-un-protection-20141110-11js7y.html>

14. Consider the following

1. Mushroom

2. Cocoa
3. Flowers
4. Root and tuber crops

Which of the above is part of horticulture?

1. 1, 3 and 4
2. 2, 3 and 4
3. 1, 2 and 3
4. All

Solution- 4

IYB-chapter 4

15. Consider the following regarding fisheries production

1. India is the largest producer of fish in the world
2. India is the second largest producer of fresh water fish in the world

Select the wrong statement/s

1. Only 1
2. Only 2
3. Both
4. None

Solution- 1

India is second largest producer of fish in the world- IYB

16. Horticulture includes

1. Viticulture
2. Floriculture
3. Oenology
4. Pomology

Select the correct code

1. 1, 3 and 4
2. 2, 3 and 4
3. 1, 2 and 4
4. All

Solution- 4

Viticulture- Grapes

Floriculture- Flowers

Oenology- Making of wines

Pomology- pome fruits

17. Consider the following statements

1. The earliest treatise on dance available to us is Bharat Muni's Natyashastra, the source book of the art of drama, dance and music.
2. The Natyashastra is also known as the fifth veda

Select the correct code

1. Only 1
2. Only 2
3. Both

4. None

Solution- 3

CCRT Wesbite- Performing arts

18. Match the following

- | | |
|-----------------------------------|-------------------------------|
| 1. Ramman | Rajasthan |
| 2. Mudiyettu | Ritual Theatre of Kerala |
| 3. Kutiyattam | Sanskrit Theatre |
| 4. Kalbelia folk songs and dances | Religious festival of Garhwal |

Chose the correct code

- 1, 3 and 4
- 2 and 3
- 1 and 4
- All

Solution- 2

Ramman is religious festival of Garhwal and Kalbelia folk songs and dances belongs to Rajasthan

Ministry of Culture