

1- Other than poaching, what are the possible reasons for the decline in the population of Ganges River Dolphins?

1. Construction of dams and barrages on rivers
 2. Increase in the population of crocodiles in rivers
 3. Getting trapped in fishing nets accidentally
 4. Use of synthetic fertilizers and other agricultural chemicals in crop-fields in the vicinity of rivers
- Select the correct answer using the code given below.

(a) 1 and 2 only

(b) 2 and 3 only

(c) 1, 3 and 4 only

(d) 1, 2, 3 and 4

2- Brominated flame retardants are used in many household products like mattresses and upholstery. Why is there some concern about their use?

1. They are highly resistant to degradation in the environment.
2. They are able to accumulate in humans and animals. Select the correct answer using the code given below.

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

3- In India, the problem of soil erosion is associated with which of the following?

1. Terrace cultivation
2. Deforestation
3. Tropical climate

Select the correct answer using the code given below.

(a) 1 and 2 only

(b) 2 only

(c) 1 and 3 only

(d) 1, 2 and 3

4- The most important strategy for the conservation of biodiversity together with traditional human life is the establishment of

(a) biosphere reserves

(b) botanical gardens

(c) national parks

(d) wildlife sanctuaries

5- Every year, a month long ecologically important campaign/festival is held during which certain communities/ tribes plant saplings of fruit-bearing trees. Which of the following are such communities/ tribes?

(a) Bhutia and Lepcha

(b) Gond and Korku

(c) Irula and Toda

(d) Sahariya and Agariya

6- With reference to two non-conventional energy sources called 'coalbed methane' and 'shale gas', consider the following statements :

1. Coalbed methane is the pure methane gas extracted from coal seams, while shale gas is a mixture of propane and butane only that can be extracted from fine-grained sedimentary rocks.

2. In India, abundant coalbed methane sources exist, but so far no shale gas sources have been found.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

7- Which of the following National Parks is unique in being a swamp with floating vegetation that supports a rich biodiversity?

(a) Bhitarkanika National Park

(b) Keibul Lamjao National Park

(c) Keoladeo Ghana National Park

(d) Sultanpur National Park

8- With reference to 'dugong', a mammal found in India, which of the following statements is/an; correct?

- 1.It is a herbivorous marine animal.
- 2.It is found along the entire coast of India.
- 3.It is given legal protection under Schedule I of the Wildlife (Protection) Act, 1972.

Select the correct answer using the code given below.

(a) 1 and 2

(b) 2 only

(c) 1 and 3

(d) 3 only

9- With reference to India's biodiversity, Ceylon frogmouth, Coppersmith barbet, Gray-chinned minivet and White- throated redstart are

(a) Birds

(b) Primates

(c) Reptiles

(d) Amphibians

10-Which of the following are the most likely places to find the musk deer in its natural habitat ?

(a) Askot Wildlife Sanctuary

(b) Gangotri National Park

(c) Kishanpur Wildlife Sanctuary

(d) Manas National Park

Select the correct answer using the code given below

[a] 1 and 2 only

[b] 2 and 3 only

[c] 3 and 4 only

[d] 1 and 4 only

11- Which of the following statements are correct about PSLV?

1.It contains 3 stages

2.It has both liquid and solid stages

3.It cannot launch satellites into polar orbits

Select the correct answer using the code given below:

(a)1 and 3 only

(b)2 and 3 only

(c)2 only

(d)1, 2 and 3

12- Consider the following statements:

1.IRNSS-1A has been launched in the Geo-synchronous orbit.

2.Terrestrial, marine and aerial navigation is not possible through IRNSS Satellites.

3.IRNSS Satellites provides both standard positioning services and restricted services.

Which of the statements given above is/are correct?

(a)1 and 2 only

(b)2 and 3 only

(c)2 only

(d)1 and 3 only

13-Consider the following statements:

1.Antimicrobial resistance (AMR) threatens the effective prevention and treatment of an ever-increasing range of infections caused by bacteria, parasites, viruses and fungi.

2.Microorganisms that develop antimicrobial resistance are sometimes referred to as “superbugs”.

Which of the statements given above are correct?

(a)1 only

(b)2 only

(c)Both 1 and 2

(d)Neither 1 nor 2

14- With reference to the Quick Reaction Surface to Air missile (Maitri), which of the following is/are correct?

1.It is propelled by liquid fuel.

2.It is most effective for High Flying target.

Which of the statements given above is/are correct?

(a)1 only

(b)2 only

(c)Both 1 and 2

(d)Neither 1 nor 2

15- In which of the following ways hand sanitizers protect against viral infection?

1.Denaturation

2.Dissolving the outer lipid layer

3.Stressed mutation of the virus

4.Dissolution of protective protein called capsid

Select the correct option

(a)1 and 2 only

(b)1, 2 and 3 only

(c)1, 2 and 4 only

(d)All of the above

16- Consider the following statements regarding "Vaccine".

1.A vaccine is a biological preparation that provides active acquired immunity to a particular infectious disease.

2.A vaccine always contains disease- causing microorganism.

Which of the statements given above is/are incorrect?

(a)1 only

(b)2 only

(c)Both 1 and 2

(d)None of the above

17- Consider the following statement regarding Avian Influenza

1.Person-to-Person transmission is possible

2.It has high fatality rate among humans

3. There is no vaccine developed for Avian Influenza.

Which of the statements 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

18- Which of the following space missions deal with the exploration of sun's atmosphere?

1. Parker probe

2. Aditya L1 Mission

3. BepiColombo

Select the correct answer using the code given below:

(a) 1 only

(b) 1 and 2 only

(c) 1 and 3 only

(d) 1, 2 and 3

19- Which among the following are approved to be commercially grown in India?

1. BT Brinjal

2. BT Maize

3. BT Cotton

Select the correct answer from option given below?

(a) 1 and 3 only

(b) 3 only

(c) 1, 2 and 3

(d) None of the above

20- With reference to Agni—IV Missile, which of the following statements is/are correct?

1. It is a surface-to-surface missile.

2. It is fuelled by liquid propellant only.

3.It can deliver one-tonne nuclear warheads about 7500 km away.

Select the correct answer using the code given below:

(a) 1 only

(b) 2 and 3 only

(c) 1 and 3 only

(d) 1, 2 and 3

21-Consider the following statements regarding Striped Bubble-nest frog:

1. It is a treefrog species endemic to the Andaman Islands.

2. The genus usually performs community egg attendance.

Which of the statements given above is/are not correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

22. With reference to Association of Southeast Asian Nations (ASEAN), consider the following statements:

1. ASEAN is a regional grouping of India and South East Asian nations.

2. ASEAN is the second largest trading partner of India.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

23-With reference to Atmanirbhar Bharat Rozgar Yojana, consider the following statements:

1. It will provide subsidy for provident fund contribution.

2. Establishments registered with EPFO will be eligible under this scheme.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

24. With reference to the Swarna Jayanti Fellowships Scheme, consider the following statements:

1. It provides special assistance and support to the young scientists for basic research in science and technology.

2. It is funded by the Ministry of Education.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

25. With reference to the Phases of Economy, consider the following statements:

1. The overall output of goods and services is measured annually for both expansionary and recessionary phases.

2. A business cycle is created by clubbing together expansionary and recessionary phases.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2