

1- How does National Biodiversity Authority (NBA) help in protecting the Indian agriculture?

1. NBA checks the bio-piracy and protects the indigenous and traditional genetic resources.
2. NBA directly monitors and supervises the scientific research on genetic modification of crop plants.
3. Application for Intellectual Property Rights related to genetic/biological resources cannot be made without the approval of NBA.

Which of the statements given above is /are correct?

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

2- 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

3- 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

4- 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

5- Which one of the following is associated with the issue of control and phasing out of the use of ozone depleting substances?

(a) Bretton Woods Conference

(b) Montreal Protocol

(c) Kyoto Protocol

(d) Nagoya Protocol

6-'Bio Carbon Fund Initiative for Sustainable Forest Landscapes' is managed by the

(a)Asian Development Bank

(b)International Monetary Fund

(c)United Nations Environment Programme

(d)World Bank

7- Which of the following are the direct consequences of Mercury poisoning?

a. Affects the nervous system.

b. Affects the development of foetuses.

c. Degenerates renal cells

A. a only

B. b only

C. a and b only

D. a, b and c

8- Consider the following statements:

1-The PAs are constituted and governed under the provisions of the Wild Life (Protection) Act, 1972

2-Protected areas can be declared by both central as well as state governments

Which of the above statements is/are correct?

- (a) 1 Only
- (b) 2 Only
- (c) Both 1 & 2
- (d) Neither 1 nor 2

9- Which of the following is/are offered by the Gene Sanctuaries?

1-way to preserve both the wild species and natural ecosystems

2-cheap method of germplasm conservation

Select the correct option from the codes given below:

- a) 1 only
- b) Both 1 & 2
- c) 2 only
- d) None of the above

10- The National Green Tribunal Act, 2010 was enacted in consonance with which of the following provisions of the Constitution of India?

- 1. Right to healthy environment, construed as a part of Right to life under Article 21.
- 2. Provision of grants for raising the level of administration in the Scheduled Areas for the welfare of Scheduled Tribes under Article 275(1).
- 3. Powers and functions of Gram Sabha as mentioned under Article 243 (A).

Select the correct answer using the codes given below:

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

11- Consider the following statements regarding Telescope

- 1. Optical telescopes function during day time only
- 2. X Ray Telescopes function during both day and night.

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

12- What is the purpose of 'LIGO' project?

(a) To detect neutrinos

(b) To detect gravitational waves

(c) To detect the effectiveness of missile defence system

(d) To study the effect of solar flares on our communication systems

13- Consider the following statements about FASTag:

1. It employs Radio Frequency Identification technology to make toll payments.

2. It promotes cashless payments.

3. It will help in tracking movement of vehicles

Which of the statements given above is/are correct?

(a) 1 and 3 only

(b) 1 and 2 only

(c) 2 and 3 only

(d) 1, 2 and 3

14- Which of the pairs given below are correctly matched?

1. Subsonic Missile - 0.9 Mach

2. Supersonic missile - above 3 Mac

3. Hypersonic Missile - 5 or more Mach Select the correct answer using the code given below:

(a) 1 only

(b) 1 and 3 only

(c) 2 and 3 only

(d) 1, 2 and 3

15- Consider the following statements related to Lithium-ion Batteries:

1. They are light-weight and have high energy density as compared to other types of batteries.

2. They are much cheaper to manufacture as compared to Nickel Cadmium batteries.

3. India has been able to meet most of its Lithium-ion battery needs through domestic production without the need for imports.

Which of the statements given above is/are correct?

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

16- Pegasus method was in news recently in the context of which of the following?

- (a) Cyber spying
- (b) Cryptocurrency
- (c) Exoplanets
- (d) None of the above

17- Consider the following statements related to ""Ultima Thule"":

- 1. It is a contact binary body which is found in the Kuiper belt.
- 2. It was recently discovered for the first time by NASA's New Horizon Space Mission.

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

18- Which among the following statements related to Hepatitis is not correct?

- (a) Presently, there is no vaccine available for Hepatitis C
- (b) The infection of Hepatitis B can lead to infection of Hepatitis D.
- (c) Hepatitis A and B are both caused due the sexual transmission only
- (d) Hepatitis C can be transmitted through infected blood.

19- With reference to Bird Flu, which of the following statements is/are correct?

- 1. It is highly infectious as it readily spread from human to human.
- 2. Birds are the only host carriers of this virus

Select the answer using the code given below

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

20- Consider the following statements about the Gaganyaan?

1. It is India's manned space mission.
2. A PSLV will be used to carry the crew into space.

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

21. With reference to Special Zero Coupon Recapitalisation Bonds, consider the following statements:

1. It is not tradable, but transferable.
2. The issuance of these special bonds will not affect the fiscal deficit.

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

22. With reference to 'Adopt a Heritage Project', consider the following statements:

1. It aims to develop tourism amenities at tourist sites spread across India for making them tourist friendly.
2. The Ministry of Tourism is solely responsible for the project implementation.

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 National Common Mobility Card, consider the following statements:

1. It provides access to all modes of transportation at subsidised rates for below poverty line households.
2. It is launched by the Ministry of Housing and Urban Affairs

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. Consider the following statements:

1. Pneumococcal disease is a name for any infection caused by bacteria.

2. The Pneumococcal Conjugate Vaccine (PCV) is included under Universal Immunisation Programme (UIP).

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. Which of the following statements is/are not correct about Qatar:

1. Only Saudi Arabia shares land borders with Qatar.

2. Bahrain, Iran and UAE share maritime borders with Qatar

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

ANSWER SHEET

1	D	10	A	19	D
2	C	11	B	20	A
3	A	12	B	21	B
4	C	13	D	22	A
5	B	14	B	23	B
6	D	15	A	24	C
7	C	16	A	25	C
8	C	17	A		
9	A	18	C		