

1-Which one of the following pairs is correctly matched?

- (a) Biosphere — Eduard Suess
- (b) Ecosystem — A.P. de Candolle
- (c) Ecology — A.G. Tansley
- (d) Biodiversity — Reiter

2-Which of the following statements about Radioactive pollution are correct?

- 1. It causes genetic changes in the animals.
- 2. It causes disbalance among different minerals in the soil.
- 3. It hinders blood circulation.
- 4. It causes cancers.

Select the correct answer from the codes given below:

Codes:

- (a) 1 and 2
- (b) 1 and 4
- (c) 1, 3 and 4
- (d) 2, 3 and 4

3-Which one of the following is the correct definition of “ Agenda 21” ?

- (a) It is an action plan of U.N.O for protecting human rights.
- (b) It is a book of 21 chapters on nuclear disarmament.
- (c) It is an action plan for the sustainable development.
- (d) It is an agenda for the election of the president in the next meeting of SAARC

4-Consider the following statements:

Assertion (A): Forests are a renewable resource.

Reason (R): They enhance the quality of environment.

Select the correct answer from the codes given below:

Codes:

- (a) Both A and R are true and R is the correct explanation of A.

- (b) Both A and R are true but R is not the correct explanation of A.
- (c) A is true but R is false.
- (d) A is false but R is true.

5-Which of the following can be threats to the biodiversity of a geographical area?

1. Global warming
2. Fragmentation of habitat
3. Invasion of alien species
4. Promotion of vegetarianism

Select the correct answer using the codes given below:

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

6- Which of the following are the incorrect statements about 'Keystone species'.

1. Keystone species are the small-sized plants and organisms which have large effect on the environment.
2. Keystone species play critical role in maintaining the structure of an ecological community.
3. Keystone species do not generally affect other organisms.

- (a) 1 and 2
- (b) 2 and 3
- (c) 1 and 3
- (d) All are correct

7- Consider the following statements:

1. Dachigam National Park is in Jammu and Kashmir.
2. Loktak lake is known as floating national park.
3. Loktak lake is located in Assam.

Which of the above statements is/are correct?

- (a) 1 only
- (b) 2 only
- (c) 1 and 2

(d) 1, 2 and 3

8-Consider the following statements and choose the correct ones:

1. A new online Atlas of freshwater biodiversity has been launched on 29 January, 2014 which is an output of Biofresh.

2. This will help in managing and protecting the freshwater in future.

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

9-Biodiesel researchers have produced hydrocarbons in bacterium—

(a) *Escherichia coli*

(b) *Streptococcus pyogenes*

(c) *Vibrio cholerae*

(d) *Enteritis salmonella*

10-Consider the following statements and choose the correct ones.

1. The International Union for Conservation of Nature (IUCN) is the world's oldest and largest global environmental organization.

2. IUCN was founded in 1948, its Green data book does conservation planning, monitoring to protect endangered species.

3. On 30 January, 2014, IUCN announced that it is celebrating 50 years of the IUCN Red List of threatened species.

(a) 1 and 2 only

(b) 1 and 3 only

(c) 2 and 3 only

(d) All are correct

11-Consider the following as objectives of the New Science and Technology Policy, and state which is/are correctly stated, with the help of codes given below:

1. Optimal utilisation of existing physical and knowledge resources.

2. Development of innovative technologies.

3. Development of systems and technologies for mitigation and management of natural hazards.

4. Management of intellectual property.

Codes:

- (a) 1 and 2 only
- (b) 1, 2 and 3 only
- (c) 1, 3 and 4 only
- (d) All the Four

12-Match List-I with List-II and select the correct answer using the codes given below:

List-I

- A. Arihant
- B. AWACS
- C. Atlas Centaur
- D. Nag

List-II

- 1. American Cryogenic Rocket
- 2. Anti-tank missile
- 3. For Air Defence
- 4. Missile Submarine

Codes:

A B C D

- (a) 4 3 2 1
- (b) 4 3 1 2
- (c) 3 4 1 2
- (d) 3 4 2 1

13-Which district has become the first one in India to have high speed Rural Broadband Network?

- (a) Ajmer of Rajasthan
- (b) Vidisha of Madhya Pradesh
- (c) Idukki of Kerala
- (d) Hisar of Haryana

14-The output quality of a printer is measured by

- (a) Dot per inch
- (b) Dot per sq. inch
- (c) Dots printed per unit time
- (d) All of above

15-The stages of India's Nuclear Power Programme differs with respect to:

1. Fuel used
 2. Technology
 3. Stage of development
- (a) 1 and 2
(b) 2 and 3
(c) 1 and 2
(d) All of the Above

16-Tamiflu is an anti-viral disease used to treat

- (a) Swine flu
(b) Asthama
(c) Diabetes
(d) Japanese Encephalitis.

17-Consider the following statements

1. Thirty Meter Telescope will be the largest of the existing and announced extremely large telescopes (ELT).
2. The TMT will enable scientists to study fainter objects far away from earth providing information about early stages of the evolution of the universe.
3. India is also a partner in the project.

Which of the statements given above are correct?

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

18-Which of the following national missions is entrusted with Ministry of Science & Technology?

- (a) National Mission for Sustaining Himalayan Ecosystem (NMSHE)
(b) National Mission on Strategic Knowledge for Climate Change (NMSKCC)
(c) Both a and b

(d) None of the Above

19-Consider the following statements

1. The DVD uses red laser and its thickness is 1.4 mm.
2. The BD uses blue laser and its thickness is 1.3 mm.
3. The double sided BD is having 54 GB storage capacity.

Choose the correct statement(s):

- (a) 1 only
- (b) 2 only
- (c) 3 only
- (d) None of the above

20-What is the purpose of India's Mars orbiter mission?

- (a) Study its surface
- (b) study its atmosphere
- (c) Study its mineral composition
- (d) All the above

21. Consider the following statements about Economic Survey of India:

1. It is an annual document released by the Department of Financial Services.
2. It is presented along with the Union Budget.

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. Which of the statements given is/are correct about Periyar Tiger Reserve:

1. It is located in the southern region of Western Ghats.
2. Lion-tailed macaque, Nilgiri Tahr and the great Malabar Hornbill are found in the reserve.
3. The reserve is home to three tribal groups namely Gonds, Marati and Naikd(a)

Select the correct answer using the code given below:

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

23. Consider the following statements about the Little Andaman Island:

1. It is famous by the name of the largest settlement- Hut Bay in the region..
2. The island is considered home to the Onge tribe.

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. The Fiscal Responsibility and Budget Management Act set the target to limit the fiscal deficit upto 3% of the GDP by 2021.
2. The NK Singh committee was formed to create a roadmap for fiscal consolidation for the Center and the States.

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 Bare Necessities Index (BNI), consider the following statements:

1. The BNI index is prepared only for rural areas in India.
2. Bare necessities have improved across all States in the country in 2018 as compared to 2012.
3. The index is prepared by using data from National Statistical Office (NSO) survey on Drinking Water, Sanitation, Hygiene and Housing Condition in India.

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

ANSWER SHEET

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