

1. Consider the following statements:
 1. Taiga is devoid of trees except stunted shrubs in the southern part of taiga biome, ground flora includes lichen, mosses and sedges.
 2. No two Biomes are alike.
 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
2. Consider the following statements:
 1. Epiphytes attach themselves to the trunks, branches, or foliage of trees.
 2. Epiphytes use its host solely as a means of physical support.
 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
3. Consider the following statements:
 1. Monsoon forests are found in Myanmar, Thailand, and Cambodia.
 2. Trees of the monsoon forest shed their leaves in the dry season.
 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
4. Consider the following statements:
 1. Subtropical evergreen forest is generally found in regions of moist subtropical climate, where winters are mild and there is ample rainfall throughout the year.
 2. The subtropical broadleaf evergreen forest has fewer tree species than the low-latitude rainforests.
 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
5. Consider the following statements:
 1. Midlatitude deciduous forest consists largely of trees that drop their leaves during the cold season.
 2. Where the deciduous forests have been cleared by lumbering, pines readily develop as second-growth forest.
 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
6. Which of the following statement is/are correct with respect to Wetlands?

Sediments deposited by the rivers and river floodplains helps in the formation of wetlands.

Wetlands are found from the tundra to the tropics and on every continent.

Lakes are generally less important when compared to wetland from the viewpoint of ecosystem and biodiversity conservation.

Select the correct answer using the code given below:

 - a) 1 only
 - b) 1 and 3 only
 - c) 1 and 2 only
 - d) 1, 2 and 3
7. Consider the statements regarding 'Aquatic Biome'
 1. The topmost zone near the shore of a lake or pond is the littoral zone.
 2. The near-surface open water surrounded by the littoral zone is the profundal zone.
 3. The deep-water part of the lake or pond is the limnetic zone.

Which of the statements given above is/are correct?

- a) 1 and 2 only
- b) 1 only**
- c) 2 and 3 only
- d) 3 only

8. Consider the below statements in regard to plants found in Desert ecosystem:

- 1. Root system is not developed well and spread over small area to retain water.
- 2. Leaves are absent or reduced in size.
- 3. In some plants even the stem contains chlorophyll for photosynthesis.

Which of the statements given above is/are NOT CORRECT?

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

9. Consider the following statements in regard to Aquatic Ecosystem:

- 1. Neustons are unattached organisms which live at the air-water interface.
- 2. Nektons are organisms which remain attached to stems and leaves of rooted plants and substances emerging above the bottom mud.
- 3. Planktons includes both microscopic plants like algae and animals like crustaceans and protozoans.

Which of the above given statement is/are correct?

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

10. Consider the following statements.

- 1. In Tundra type of vegetation, the growth of natural vegetation is very limited.
- 2. Tundra vegetation is found in the polar areas of Europe, Asia and North America.
- 3. Savannah shrubs are fire-resistant which helps them survive periodic, natural fire spread in forests.

Which of the above statements is/are correct?

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

11. Consider the following statements regarding Astra missile:

- 1. Astra has a range of more than 100 km.
- 2. Astra is a Beyond Visual Range Air-to-Air Missile.

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**

12. Consider the following statements regarding Pinaka Missile System:

- 1. Pinaka missile system was developed by Hindustan Aeronautics Limited (HAL).
- 2. The Pinaka MK-II Rocket is modified as a missile by integrating with the Navigation which is aided by GPS.

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**

13. Which of the following Country participated in joint military training exercise Shakti with India:

- a) Nepal
- b) France**
- c) Germany
- d) America

14. Consider the following statements:
1. INS Vela is the first Frigate of Class of P17A Frigates.
 2. INS Khanderi is the second submarine of Scorpene class (Project 75).
- 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
15. Consider the following statements:
1. GISAT-1 is the first state-of-the-art agile Earth observation satellite which will be placed in a Geosynchronous Transfer Orbit by GSLV-F10.
 2. GISAT-1 will facilitate near real time observation of the Indian sub-continent, under cloud free condition, at frequent intervals.
- 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
16. Chemical weapons are classified as weapons of mass destruction (WMD). One of the very famous WMD is Sarin, used as a chemical weapon due to its extreme potency as a nerve agent. It contains
- a) Sulphur, Fluorine and Oxygen
 - b) Nitrogen, Sulphur and Oxygen
 - c) Phosphorous, Sulphur and Oxygen
 - d) Phosphorous, Fluorine and Oxygen
17. With reference to The Chief of Defence Staff (CDS), Consider the following statements:
1. CDS will be the Permanent Chairman of the Chiefs of Staff Committee.
 2. CDS will act as the Principal Military Adviser to Minister for Defence on all tri-Services matters.
 3. The Chief of Defence Staff will also head the Department of Military Affairs (DMA).
- Which of the statements given above is/are correct?
- a) 1 only
 - b) 1 and 2 only
 - c) 2 and 3 only
 - d) 1, 2 and 3
18. Consider the following statements about The Indian Nuclear Power Programme.
1. In the first stage of the programme, natural uranium fueled pressurized heavy water reactors (PHWR) produce electricity while generating plutonium-239 as by-product.
 2. The Stage II Fast Breeder Reactors are designed to “breed” more fuel than they consume.
 3. The Stage III reactor or an Advanced nuclear power system involves a self-sustaining series of thorium-232-uranium-233 fueled reactors.
- Which of the above statements is/are correct?
- a) 1 and 2 only
 - b) 2 and 3 only
 - c) 3 only
 - d) 1, 2 and 3
19. Which of the following statements is/are correct about ‘Anti Tank NAG’ Missile?
1. It has been indigenously developed under the Integrated Guided Missile Development Programme (IGMDP)
 2. It is a fire and forget missile.
 3. It can be launched from land, water and air based platforms.
- Select the correct answer using the code given below:
- a) 1 and 2 only
 - b) 2 and 3 only
 - c) 1 only
 - d) 1, 2 and 3
20. Which of the following statements are correct regarding Parker Solar Probe?
1. Parker Solar Probe uses Mercury’s gravity to gradually bring its orbit closer to Sun.
 2. Parker Solar Probe is a joint mission of NASA, European Space Agency and ROSCOSMOS .

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**

21. Consider the following statements about Rare Diseases:

- 1. More than half of the rare diseases are genetic in origin and hence mainly impact children.
- 2. Lysosomal storage disorder is a metabolic disease caused by excessive release of enzymes.
- 3. Duchenne Muscular Dystrophy (DMD) is a rare genetic disorder caused by alterations of protein in the body.

Which of the statements given above is/are correct?

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

22. Consider the following statements about the Indian Star Tortoise:

- 1. It is found in Central and Southern part of India only.
- 2. It is protected under Schedule 1 of the Wild Life Protection Act 1972
- 3. It is listed as Vulnerable in the IUCN Red List.

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

- a) 1 and 2 only**
- b) 2 only
- c) 2 and 3 only
- d) 3 only

23. With reference to the Bad Bank, consider the following statements:

- 1. These are the banking institutions which are facing balance sheet problems.
- 2. The banks are restricted from getting involved in lending and taking deposits.

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 Central Vigilance Commission (CVC), consider the following statements:

- 1. The CVC was set up on the recommendations of the K. Santhanam Committee.
- 2. The CVC is an investigating agency under the Union Home Ministry.

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 Indian Railway Finance Corporation (IRFC), consider the following statements:

- 1. It is the dedicated market borrowing arm of the Indian Railways.
- 2. It could lease the railway infrastructure assets.

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