

**ENVIRONMENT**

**1. Which of the following plant mechanisms is influenced by light?**

1. Chlorophyll production.
2. Vegetative development.
3. Effect on transpiration rate.
4. Stomatal movements.
5. Distribution of plants.

**Select the correct answer from the codes given below:**

- (a) 1, 2, 3 and 4 only
- (b) 1, 3 and 5 only
- (c) 2, 3, 4 and 5 only
- (d) 1, 2, 3, 4 and 5**

**2. Consider the following statements about Amazon rainforests:**

1. Amazon rainforests are spread over 80% of Brazil.
2. It is bounded by the Guiana highlands to the north, Atlas Mountains to the west and Atlantic Ocean to the east.
3. They are net absorbers of the carbon on the planet.

**Which of the above statements are correct?**

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

**3. Consider the following factors of environmental pollution:**

1. Radioactivity
2. Heavy metal salts
3. Glass
4. Pollen from plants
5. Stratospheric ozone

**Which of the above factors contribute to environmental pollution?**

- (a) 1, 3, 4, and 5
- (b) 2, 3, and 4
- (c) 1, 2, 3, and 4**
- (d) 1, 2, 3, 4, and 5

**4. Which of the statements given below is correct regarding the Luminescent Solar Concentrators?**

1. It can collect direct and diffused solar lights and works even on cloudy days.
2. It is made using polymers and coated with organic dyes and quantum dots.
3. It is cheaper and generates greater amounts of solar power than solar cells.

**Select the correct answer using the codes given below:**

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

(d) 1, 2, and 3

**5. If you visit the famous Kaziranga national park, which of the following wildlife you may see?**

1. One horned rhino
2. Bengal tiger
3. Golden Langur
4. Swamp deer
5. Feral horse
6. Wild water buffalo

**Select the correct answer using the codes given below.**

- (a) 1, 2, 3, 4 and 5
- (b) 1, 3, 4, 5 and 6
- (c) 1, 2, 4 and 6**
- (d) 1, 2, 3 and 4

**6. Recently, A document titled “Connecting Tiger Populations for Long-term Conservation” was published by which of the following institutions/organizations?**

- (a) National Tiger Conservation Authority and Wildlife Institute of India**
- (b) International Union for Conservation of Nature and World-Wide Fund for Nature.
- (c) Indian Institute of Forest Management and Ministry of Environment Forest and Climate Change
- (d) Global Tiger Forum and United Nations Development Program.

**7. With reference to Solar Radiation Management, consider the following statements:**

1. Its aim is to reduce the inflow of solar energy, rather than to reduce global warming by reducing greenhouse gases.
2. Stratospheric aerosol injection and Whitening clouds could reflect away inbound sunlight and cool the planet.
3. Low and thick clouds reflect shortwave radiation back to space.

**Which of the statements given above are correct?**

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) All of the above**

**8. Consider the following statements about the Convention on the Conservation of Migratory Species of Wild Animals, held in 2020 in India:**

1. It works under the aegis of the United Nations Environment Programme.
2. Gandhinagar declaration is related to it.
3. India has recently become a party to this Convention.

**Which of the statements given above are correct?**

- (a) 1 and 2 only**

- (b) 2 and 3 only  
(c) 1 and 3 only  
(d) All of the above

**9. It is an autonomous institution of the Ministry of Environment, Forest and Climate Change (MoEFCC), established in 1982. It is an internationally acclaimed institution, which offers a training program, academic courses and advisory in wildlife research and management. Its most significant publication has been 'Planning wildlife and protected area network for India'. The Finance Ministry is planning to divest its status as an autonomous body.**

**The above passage best describes which of the following environmental organizations of India?**

- (a) The Energy and Resources Institute (TERI).  
(b) Wildlife trust of India (WTI).  
(c) The Bombay Natural History Society (BNHS).  
(d) **Wildlife Institute of India (WII).**

**10. Which of the following statements correctly defines 'Evergreen Revolution'?**

- (a) It is to increase the production of crops, double farmer's incomes, and maintain environmental sustainability by using high-yielding seeds whilst educating the farmers about informative and communicative technologies (ICT).  
(b) Revolution refers to the significant changes in agriculture when there are inventions, discoveries or new technologies implemented.  
(c) **It refers to productivity improvement in perpetuity without ecological and social harm**  
(d) It is the second Green Revolution with higher impetus in technological advancement for increase in crop production.

## **ECONOMY**

**11. In the context of the 1991 Balance of Payment crisis, which of the following was not one of the steps taken under the New Economic Policy (NEP)?**

- (a) Lowering of tax rates for better compliance of the taxpayers  
(b) **Revaluation (upward adjustment) of Indian rupee against foreign currencies**  
(c) Establishment of domestic and foreign private sector banks in India  
(d) Industrial licensing was abolished for almost all except certain product categories

**12. With reference to the factor cost, consider the following statements:**

1. Factor cost includes the payments to the factors of production only.

2. Factor cost does not include any tax.

**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**

**13. With reference to the term 'spread' in banking system, which one of the following statements is correct?**

- (a) It is the rate charged by the central bank for lending funds to commercial banks.  
(b) It is the rate at which the central bank of a country lends money to commercial banks in the event of any shortfall of funds.

**(c) It is the difference between the interest rates of borrowers and depositors in a bank.**

(d) It is a specified minimum fraction of the total deposits of customers, which commercial banks have to hold as reserves with the central bank.

**14. Consider the following statements regarding the Current Account of Balance of Payments:**

1. A country with a surplus on the current account necessarily borrows from other countries.  
2. A surplus on the current account necessarily implies that the country has a surplus balance of trade.

**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. Which of the following fall under the capital account of the Balance of Payments?**

1. Intergovernmental loans  
2. Private remittances  
3. Gifts from abroad  
4. Foreign Institutional Investment

**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**

**16. In order to calculate Personal Income (PI), which of the following is required to be subtracted from the National Income (NI)?**

1. Undistributed Profit

2. Net interest payments made by households
3. Corporate tax
4. Transfer payment to the household from the government and firms

Select the correct answer using the code given below.

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

17. EASE 5.0 'Common Reforms Agenda' sometimes mentioned in the news recently has been developed for

- (a) Railways  
**(b) Public Sector Banks**  
 (c) Micro, Small and Medium Enterprises  
 (d) Digital payments

18. This five-year plan aimed at developing the Indian economy on socialist lines. It also wanted to put India on a path toward industrialization. The chief architect of this plan was P.C. Mahalanobis.

Which of the following Five Year Plans has been described in the passage given above?

- (a) First five-year plan  
**(b) Second five-year plan**  
 (c) Fourth five-year plan  
 (d) Sixth five-year plan

19. The Ministry of Commerce has identified 12 Champion Service Sectors. Which of the following are included under the 12 sectors?

1. Tourism and Hospitality
2. Transport and Logistics
3. Environmental Services
4. Biotechnology and pharmaceuticals

Select the correct answer using the code given below.

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

20. With reference to the Monetary Policy Committee (MPC), consider the following statements:

1. The committee was set up with the responsibility for price stability and inflation targeting.
2. Its meetings are chaired by the Finance Minister.
3. The committee is constituted under the Reserve Bank of India Act, 1934.

Which of the statements given above are correct?

- (a) 1 and 2 only  
**(b) 1 and 3 only**

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

### CURRENT AFFAIRS

21. Chamundi Hills, recently seen in news, lies in which state?

- a) Jharkhand  
 b) Tamil Nadu  
**c) Karnataka**  
 d) Bihar

22. Which of the following best describes "Hakku Patra", recently seen in the news?

- a) Tribal folk dance  
**b) Legal property document**  
 c) Fabric made of silk and cotton  
 d) Indigenous ethnic group of Mizoram

23. With reference to the Kanger Ghati National Park, consider the following statements:

1. It is famous for the amazing geological structures of Stalagmites.
2. The Tirathgarh Waterfall is located in this National Park.

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 Red-Billed Quelea, consider the following statements:

1. It is known as the feathered locusts.
2. It is listed as the Least concern under the IUCN Red List.

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 Titanosaur, consider the following statements:

1. It belongs to the sauropod group.
2. It is a humongous plant-eating lizard.

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