

1. Consider the following statements:

1. India aims to achieve 40% of electricity generation capacity from non-fossil fuels by 2030.
2. India aims more than 30 per cent of vehicles to be electric vehicles by 2030.

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

2. Match the following:

Nobel Prize winner for Physics: Area of research

- | | |
|----------------------|----------------------------|
| 1. Donna Strickland: | a) Laser Physics |
| 2. Maria Goeppert: | b) Nuclear shell structure |
| 3. Marie Curie: | c) Radiation |

Select the correct answer using the code given below:

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

3. In 1938, who among the following published a book titled Composite Nationalism and Islam, in which he argued that the idea of Muslims sharing nationhood with people of other religions was perfectly compatible with Islamic teachings?

- (a) Maulana Shaukat Ali
- (b) Maulana Hussain Ahmed Madani
- (c) Dr. Mokhtar Ahmad Ansari
- (d) Maulana Abul Kalam Azad

4. Which of the following statements is wrong?

- (a) A city/ward is notified as ODF (Open Defecation Free) city/ward if, at any point of the day, not a single person is found defecating in the open.
- (b) A city, ward or work circle could be declared ODF+ if, "at any point of the day, not a single person is found defecating and/or urinating in the open, and all community and public toilets are functional and well-maintained."
- (c) The ODF++ protocol adds the condition that "faecal sludge/septage and sewage is safely managed and treated, with no discharging and/or dumping of untreated faecal sludge/septage and sewage in drains, water bodies or open areas."
- (d) None of the above

5. Recently, which of the following countries have signed a separate trade deal after coming out of 'North Atlantic Free Trade Area'?

1. U.S.
2. Canada
3. Cuba
4. Mexico

Select the correct answer using the code given below:

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

6. Consider the following statements:

- 1. Lonar Lake in Maharashtra is the only known meteorite crater in basaltic rock.
- 2. Lonar Lake in Maharashtra has UNESCO Global Geopark Network status.

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

7. Which of the following are among the reasons cited by the WHO due to which India is unlikely to cut Malaria burden by half in 2020?

- 1. Weak surveillance system
- 2. Low funding per person at risk
- 3. Resistance to certain frontline insecticides

Select the correct answer using the code given below:

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

8. Recently, the Indian Navy permanently deployed a frontline warship at the mouth of the which of the following straits to keep an eye on the increasing Chinese movements in the Indian Ocean?

- (a) The Strait of Malacca
- (b) The Strait of Hormuz
- (c) Penang Strait
- (d) Duncan Passage

9. Consider the following statements regarding the Hague Convention on the Civil Aspects of International Child Abduction, 1980:

- 1. The Convention seeks to protect a child from the harmful effect of wrongful removal.
- 2. The Convention promotes return and reintegration of the child with the mother rather than with the father.

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

10. A storm surge can be impacted by which of the following factors?

- 1. Speed of the prevailing wind
- 2. Width of the continental shelf
- 3. Slope of the continental shelf

Select the correct answer using the code given below:

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

11. Under directions from the Supreme Court-constituted Environment Pollution (Prevention and Control) Authority, the Centre is partnering with which of the following States to provide farmers with a range of mechanised implements to clear their fields of crop residue so as not to burn the stubble?

1. Rajasthan
2. Punjab
3. Haryana
4. Uttar Pradesh

Select the correct answer using the code given below:

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

12. Other than burning of crop residue, which of the following contribute to the air pollution in and around Delhi during winters?

1. Delhi's geography
2. Low wind speeds
3. An increase in local pollution

Select the correct answer using the code given below:

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

13. Which of the following is the most important characteristics of 'Systemically Important Financial Institutions (SIFIs)'?

- (a) They are necessary to provide social services.
- (b) They are critical for the integration of domestic and global economy.
- (c) Their failure would have widespread implications for the economy.
- (d) Their performance is used to determine credit ratings of a country.

14. 'Over-leveraging' in the context of finance refers to:

- (a) When a company has borrowed too much money in relation to its ability to pay it back.
- (b) When a bank has given loans beyond what is regulatory permitted.
- (c) When banks start to invest more in government securities than providing capital to the private sector.
- (d) When government withdraws too much money from the market to fund fiscal deficit.

15. Consider the following statements:

1. India's 'air safety oversight score' is lower than that of even Pakistan and Bangladesh.
2. US aviation regulator Federal Aviation Administration has recently upgraded India's air safety security ranking.

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 |

16. Which among the following gases are released by volcanoes during volcanic eruption?

1. Water vapour
2. Carbon dioxide

3. Sulphur dioxide
4. Hydrogen sulfide

Select the correct answer using the code given below:

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

17. Consider the following statements:

1. A genome is an organism's complete set of deoxyribonucleic acid (DNA).
2. Deoxyribonucleic Acid (DNA) is a chemical compound that contains the genetic instructions needed to develop and direct the activities of every organism.

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

18. Consider the following statements about the Barak-8 missile:

1. It is jointly developed by India and France.
2. It is a long range surface-to-air nuclear capable missile.
3. It has the capacity to identify and neutralize various forms of aerial threats in a single flight.

Select the correct answer using the code given below:

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

19. Consider the following statements:

1. Women Transforming India Awards has been launched by NITI Aayog.
2. It aims to recognize the transformational impact of work undertaken by women across India's villages.

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

20. Consider the following statements:

1. Electronic voting machines (EVM) in India have the 'None Of The Above' (NOTA) button at the bottom of the list of candidates.
2. Even if there are 99 NOTA votes out of a total of 100, and candidate X gets just one vote, X is the winner.

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 KEYS

01 c 02 a 03 b 04 d 05 d 06 a 07 d 08 a 09 a 10 d
 11 b 12 d 13 c 14 a 15 a 16 d 17 c 18 b 19 a 20 c