

40. With reference to the Great Green Wall Project, consider the following statements:

1. It is an initiative of China to prevent the expansion of Mongolian desert.
2. Besides restoring forest, it will help in sequestering carbon, and generate employment.

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

41. With reference to RT-PCR tests, consider the following statements:

1. It is used for the identification of SARS-CoV-2 virus.
2. This sample is treated with chemical solutions that extracts the RNA present in the sample.
3. Real-time RT-PCR setup usually goes through 35 cycles.

Which of the statements given above is/are correct?

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

42. Recently, 'Tristan da Cunha' island became one of the World's Biggest Sanctuaries for wildlife. This small group of islands became a no-take zone and it is one of the most significant environmental announcements in the world this year. It is located in which of the following regions?

- (a) Mediterranean Sea
- (b) South Pacific Ocean

- (c) South Atlantic Ocean
- (d) Indian Ocean

43. With reference to Graded Response Action Plan (GRAP), consider the following statements:

1. It includes action by various state governments to be taken throughout the year to tackle industrial, vehicular and combustion emissions.
2. If air quality reaches the severe plus stage, GRAP talks about shutting down schools and implementing the odd-even road-space rationing scheme.
3. It was developed in pursuant to the Supreme Court order.

Which of the statements given above is/are correct?

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

44. with reference to the Snow Leopard, recently seen in the news, consider the following statements:

1. It is the state animal of Himachal Pradesh.
2. It is listed as vulnerable on the IUCN Red List.
3. It comes under Schedule I of the Indian Wildlife (Protection) Act 1972.

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