

3. Election commission of India has been the executive board member since its inception for 3 consecutive term from 2013 to 2015, 2015 to 2017 and 2017 to 2019.

Which of the statements given above is/are correct?

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

15. With reference to appointment of judges under Article 124 of Indian Constitution, consider the following statements:

- 1. The strength of judges in Supreme Court can be increased by Parliamentary law.
- 2. The judges of State High Courts are appointed by president after consultation with Governor of the state.
- 3. The age of a Judge of the Supreme Court shall be determined by such authority and in such manner as Parliament may by law provide.

Which of the above statement is/are correct?

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

16. With reference to Meissner effect, consider the following statements:

- 1. Meissner effect is the expulsion of a magnetic field from the interior of a material that is in the process of becoming a superconductor.

2. Tin and mercury donot exhibit complete Meissner effect.

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

17. With reference to the Geomagnetic Storm, consider the following statements:

- 1. It occurs when there is an exchange of energy from the solar wind into the space environment surrounding Earth.
- 2. The increase in the solar wind pressure initially compresses the magnetosphere.
- 3. Auroras are formed from the charged particles ejected from the Sun's surface.

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 only

18. With reference to the Tectonic Plates, consider the following statements:

- 1. Tectonic plates are composed of both oceanic and continental lithosphere.
- 2. Tectonic plates are able to move because of the Earth's magnetic field.
- 3. Recently, Nepal has reported that Mount Everest has decreased in height by few centimeters due to 2015 Nepal earthquake.

Which of the statements given above is/are correct?

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