

**PRELIMS SPECIAL – 30 (FOR UPSC CSE 2018)**

1. In a battery-powered electric vehicle, regenerative braking (also called regen) is the conversion of the:
  - (a) Vehicle's kinetic energy into chemical energy stored in the battery.
  - (b) Vehicle's chemical energy into kinetic energy stored in the battery.
  - (c) Vehicle's chemical energy into the horse power.
  - (d) Vehicle's kinetic energy into the horse power.
2. Hirakud Dam is located between which of the following hills?
  - (a) Lamdungri Hills and Chandili Dunguri Hills
  - (b) Garhjat Hills and Rajmahal Hills
  - (c) Maikal Hills and Chandili Dunguri
  - (d) Lamdungri Hills and Rajmahal Hills
3. Consider the following statements:
  1. Wheat is a Kharif crop in India.
  2. It grows well in cool, moist climate and ripens in a warm, dry climate.
  3. A cloudless sky having bright sunshine during ripening and harvesting periods will make better quality wheat.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
4. Consider the following statements:
  1. The Dudhwa Tiger Reserve is the only place in the country to hold a potentially viable population of the nominate sub-species of the northern swamp deer.
  2. Dudhwa is also the place where the Great Indian One-Horned Rhinoceros has been successfully reintroduced outside Assam.
  3. Critically endangered species such as the Bengal Florican and Hispid Hare are also found in the Dudhwa Tiger Reserve.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
5. Which of the following beaches are famous for Olive Ridley turtle rookrey?
  1. Astarang Beach
  2. Gahirmatha Beach
  3. Ramchandi Beach
  4. Rushikulya BeachSelect the correct answer using the code given below:
  - (a) 1 and 2 only
  - (b) 3 and 4 only
  - (c) 1 and 3 only
  - (d) 2 and 4 only

6. Consider the following statements about the Fifteenth Finance Commission:
1. The Government of India, with the approval President of India, constitutes Finance Commission under article 280 of the Constitution.
  2. The Fifteenth Finance Commission is headed by Shri. N.K.Singh.
  3. The Fifteenth Finance Commission shall use the population data of 1971 while making its recommendations.

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

7. Consider the following statements:

1. India has moved up on the global index of talent competitiveness in 2018.
2. India's ranking was the worst among the five BRICS countries in 2018.
3. The Global Talent Competitiveness Index is released every year on the first day of the World Economic Forum (WEF) meeting.

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. Consider the following statements regarding the steps taken by the Union Government to improve ease of doing business in India:

1. Under the new Hydrocarbon Exploration and Licensing Policy, the Petroleum and the Finance Ministers can award hydrocarbon blocks to successful bidders.
2. Coal India Limited (CIL) and its subsidiaries can extract coal bed methane (CBM) in their coal bearing areas without applying for a licence or lease under the Petroleum & Natural Gas Rules, 1959.

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

9. Under Hydrocarbon Exploration and Licensing Policy (HELP), blocks are to be awarded:

- (a) Four times in a year.
- (b) Thrice a year.
- (c) Twice in a year.
- (d) As per the demand/supply situation.

10. Consider the following statements:

1. Coalbed Methane (CBM) is a conventional source of natural gas.
2. India holds significant prospects for exploration and exploitation of CBM.
3. The Gondwana sediments of eastern India host the bulk of India's coal reserves and all the current CBM producing blocks.

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. Consider the following statements about the Protection of Children against Sexual Offences Act, 2012:
1. The Act defines a child as any person below the age of 18 years.
  2. The Act treats an offence as aggravated if it is committed by a person in a position of authority or trust.
  3. The Act provides for speedy trial of offences through appointment of Special Public Prosecutors and designated Special Courts.

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

12. Consider the following statements:

1. E-cigarettes aim to resemble cigarettes, but without burning tobacco.
2. E-cigarettes are not considered tobacco products because they don't contain nicotine.
3. E-cigarettes are not addictive like regular cigarettes.

Select the correct answer using the code given below:

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

13. India's Act East Policy covers which of the following dimensions?

1. Economic
2. Political
3. Strategic
4. cultural

Select the correct answer using the code given below:

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

14. Recently, 'Smart Fence' Pilot Project has been started to seal India's International border in which of the following States?

- (a) Assam
- (b) Gujarat
- (c) Rajasthan
- (d) Jammu and Kashmir

15. Consider the following statements about thunderstorms:

1. All thunderstorms have lightning.
2. A thunderstorm is the result of convection.
3. Thunderstorms are most likely in the spring and summer months and during the afternoon and evening hours.

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

16. Which of the following is dubbed as India's own Global Positioning System (GPS)?
- NavIC
  - Nag
  - Netra
  - GAGAN
17. Consider the following statements:
- The NavIC (Navigation with Indian Constellation) is strictly for civilian use.
  - Indian Space Research Organisation has launched seven satellites between July 2013 and April 2018 to build NavIC.
- Select the correct answer using the code given below:
- 1 only
  - 2 only
  - Both 1 and 2
  - Neither 1 and 2
18. Rulemaking authority under the Representation of the People Act 1950 and Representation of the People Act, 1951, is the:
- Central Government
  - Election Commission
  - President of India
  - Speaker of the Lok Sabha
19. Which of the following statements is correct:
- The Chief Election Commissioner (CEC) can be removed from office in like manner and on the like ground as a Judge of the Supreme Court whereas the Election Commissioners can be removed on the recommendation of the CEC.
  - The Chief Election Commissioner (CEC) can be removed from office in like manner and on the like ground as a Judge of the Supreme Court whereas the Election Commissioners can be removed in like manner and on the like ground as a Judge of a High Court.
  - The Election Commissioners are provided with the same protection and safeguard in the matter of removability of from office as is available to the CEC.
  - None of these.
20. A National Sports University will be established in which of the following States under the National Sports University Bill, 2017?
- Gujarat
  - Haryana
  - Manipur
  - Telangana

## **ANSWER KEYS**

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