

1. Which of the following correctly defines the term 'green crackers'?
 - (a) Crackers which have zero emission.
 - (b) Crackers which help reduce air pollution and end the reliance on harmful chemicals.
 - (c) Crackers which do not use barium salts.
 - (d) Crackers which do not leave any particulate residue.
2. Consider the following statements:
 1. India jumped 23 ranks in the World Bank's Ease of Doing Business Index 2018.
 2. India recorded its highest jump in the World Bank's Ease of Doing Business Index since its inception.
 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
3. Which of the following have been correctly matched?
 1. **Bijli**: A prototype that does not emit sulphur dioxide and has eliminated the formation of ash as residue.
 2. **Zeolite**: It drastically reduces nitrogen and sulphur emissions in the air.
 3. **Barium nitrate**: Have the unique property of releasing water vapour or air which will match the sound and display of traditional firecrackers.
 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 Brahmaputra River originates from just south of Kailash ranges of Himalayas.
 2. Its length in India is more than the combined length of the river in both China and Bangladesh.
 3. The Lohit and the Dibang rivers join it from the right.
 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
5. Consider the following statements:
 1. The Model Code of Conduct (MCC) is mentioned in the Article 324 of the Constitution.
 2. The MCC is operational from 48 hours before the date of election till the date that results are announced.
 3. The MCC is not enforceable by law.
 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
6. Consider the following statements:
 1. The period November to January is referred to as Northeast Monsoon season over peninsular India.
 2. Along the east coast rainfall during late night and morning hours is a usual feature of northeast monsoon.

3. Northeast monsoon rains occur in spells of about 3 to 4 days duration.

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. Which of the following are the sources of income for the Reserve Bank of India?

1. Lending to commercial banks.
2. Purchase and sale of government securities.
3. Surplus seigniorage

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 about the crowding out effect in Economics:

1. It happens when increased borrowing by the government to meet its spending needs causes a decrease in the quantity of funds that is available to meet the investment needs of the private sector.
2. Diversion of investment funds away from the private sector can adversely affects economic growth.
3. Government spending always leads to a crowding out of private investment in the economy.

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

9. Consider the following statements:

1. Ship Submersible Ballistic Nuclear (SSBN) is designed to prowl the deep ocean waters and carry nuclear weapons.
2. They provide a nation the capability to strike back after being hit by nuclear weapons first.
3. INS Arihant is India's only operational ship submersible ballistic nuclear (SSBN) asset.

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

10. Consider the following statements:

1. Gram Sabhas have a major role in the implementation of the Forest Rights Act.
2. Land recognised under this Act cannot be sold or transferred.

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

11. Which of the following have been correctly defined?

1. Protoplanet: A large body of matter in orbit around the sun or a star and thought to be developing into a planet.
2. Exoplanet: Planets that orbit around stars, other than our sun, are called exoplanets.

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

12. Which of the following have been correctly matched?

1. Cockfight: Andhra Pradesh
2. Jallikattu: Tamil Nadu
3. Kambala: Kerala

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. Consider the following statements regarding the biennial 'India State of Forest Report (SFR) 2017':

1. India posted a marginal rise in the area under forest between 2015 and 2017.
2. The category of 'very dense forest' saw a dramatic rise from 2015.
3. The category of 'moderately dense forest' saw a decline from 2015.

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

14. Consider the following statements:

1. 'Global estimates of modern slavery: forced labour and forced marriage' is a collaborative effort of the International Labour Organisation (ILO), the Walk Free Foundation, and the International Organisation for Migration.
2. The report forms the baseline for achieving Sustainable Development Goal to eradicate forced labour, end modern slavery and human trafficking, and child labour by 2025.

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

15. Which of the following sections of Indian Penal Code (IPC) which were recently in news are correctly matched?

1. Section 497: Sedition
2. Section 228A: Publication of the identity of rape victims
3. Section 377: Criminalization of homosexuality
4. Section 124A: Adultery

Select the correct answer using the code given below:

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

16. Which of the following statements about a Central Sector Scheme are true?

1. It involves financial participation by both the centre and states.
2. It is implemented by the Central Government machinery.
3. It is mainly formulated on subjects from the Union List.

4. It involves shifting of financial resources to states to implement their part of the scheme.
 Select the correct answer using the code given below:
 (a) 2 and 3 only
 (b) 2, 3 and 4 only
 (c) 3 and 4 only
 (d) All of the above
17. Which of the following are the major engineering achievements of NASA's Dawn mission?
 1. First space mission to orbit two destinations.
 2. Record-breaking use of solar-electric propulsion.
 3. Active powered flight of about 5.9 years.
 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
18. Recently, NASA has announced the ceasing of operations of which of the following telescopes?
 (a) Kepler Space Telescope
 (b) Hubble Space Telescope
 (c) Herschel Space Telescope
 (d) James Webb Space Telescope
19. Compounds derived from which of the following oils are found better than diethyltoluamide (DEET) at preventing disease transmission and discomfort associated with insect bites in a recent study by the scientists?
 (a) Mustard Oil (b) Coconut Oil
 (c) Olive Oil (d) Sesame Oil
20. Consider the following statements about Pradhan Mantri Bhartiya Janaushadhi Pariyojana (PMBJP):
 1. It has been launched under the Ministry of Chemicals & Fertilizers.
 2. PMBJP seeks to keep product price within 50% of branded product price to make it affordable for all, especially the poor.
 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 b 02 a 03 a 04 c 05 c 06 b 07 d 08 a 09 d 10 c
 11 c 12 a 13 d 14 c 15 a 16 a 17 d 18 a 19 b 20 c