

1. Consider the following statements :
  1. In order to achieve international targets on climate change by minimizing anthropogenic emissions and also to address the ever-growing energy demand of India, development of clean coal technologies to reduce carbon emissions from coal-based power plants has become a prime necessity for India.
  2. The pathways identified for lowering the carbon footprint of coal-based thermal power plants is by shifting towards high efficiency advanced ultra-supercritical (AUSC) steam power plants as well as supercritical carbon dioxide (s-CO<sub>2</sub>) based Brayton cycle power plants, along with exploration of new combustion and gasification technologies.
  3. India is the largest importer of coal in the world as per 2018 estimates.
 Which of the above statements are true ?
  - (a) 1 & 2 only
  - (b) 2 & 3 only
  - (c) 1 & 3 only
  - (d) All of the above
2. Indian Railways will undertake one more drive of “MASSIVE SHRAMDAN” with main focus on “COLLECTION OF PLASTIC WASTE”. Which of the following is the possible objectives of the mission ?
  1. Enhanced cleanliness, through collection of plastic waste from all railway premises.
  2. Creating awareness for a greater impact against single use plastic.
  3. Educating all in Railways, including vendors to be prepared for ban of single use plastic.
  4. Allowing concession fares to those passengers regularly following railway instructions with respect to plastic use.
 Choose the correct option :
  - (a) 1, 2 & 3 only
  - (b) 2, 3 & 4 only
  - (c) All the above
  - (d) None of the above
3. Which of the following statements with respect to legislations regarding national security/public safety stands true ?
  1. The National Security Act of 1980 whose purpose is "to provide for preventive detention in certain cases and for matters connected therewith", extends to the whole of India except Jammu & Kashmir.
  2. The Jammu & Kashmir public safety act allows for administrative detention for up to two years “in the case of persons acting in any manner prejudicial to the security of the State”.
  3. It also allows the government to detain any person above the age of 16 without trial for a period of two years.
 Choose the correct option :
  - (a) 1 & 2 only
  - (b) 2 & 3 only
  - (c) 1 & 3 only
  - (d) All of the above
4. The Ministry of WCD has requested the 15th Finance Commission to include gender Budgetting in its fiscal devolution formula. Which of the following statements with respect to gender budgetting stands true ?
  1. Gender Budgetting is concerned with gender sensitive formulation of legislation, programmes and schemes; allocation of resources; implementation and execution; audit and impact assessment of programmes and schemes; and follow-up corrective action to address gender disparities.
  2. It seeks to create a separate budget along with seeking affirmative action to address specific needs of women.

3. India's gender budgeting efforts stand out globally because they have not only influenced expenditure but also revenue policies.  
 Choose the correct option :  
 (a) 1 & 2 only  
 (b) 2 & 3 only  
 (c) 1 & 3 only  
 (d) All of the above
5. As part of a bilateral MoU on Training and Capacity Building Programme with the National Centre for Good Governance (NCGG) India has agreed to train the civil servants of which of the following countries recently ?  
 (a) Israel (b) Sri Lanka  
 (c) Bhutan (d) Maldives
6. 4P1000 Initiative recently in news is related to  
 (a) AMR issue  
 (b) Climate change  
 (c) Plastic ban  
 (d) Soils for food security and climate
7. Consider the following statements :  
 1. INS Vikrant is India's only operational aircraft carrier  
 2. It is the first aircraft carrier to be built in India by Cochin Shipyard  
 Choose the correct option :  
 (a) Only 1 (b) Only 2  
 (c) Both 1 and 2 (d) None
8. From the following statements :  
 1. Article 44 talks about Uniform Civil Code  
 2. It considers positive discrimination among people  
 Choose the correct option :  
 (a) Only 1 (b) Only 2  
 (c) Both (d) None
9. Consider the following statements :  
 1. Community Radio Stations must be a 'non-profit' organization and should have a proven record of at least three years of service to the local community.  
 2. They are maintained and financed by Local communities  
 Choose the correct option :  
 (a) Only 1 (b) Only 2  
 (c) Both (d) None
10. From the following statements :  
 1. India going to be possibly the first country in the world to implement a Scientific Social Responsibility (SSR) Policy .  
 2. A central agency will be established at DST to implement the SSR. Other ministries would also be encouraged to make their own plans to implement SSR as per their mandate .  
 Choose the correct option :  
 (a) Only 1 (b) Only 2  
 (c) Both 1 & 2 (d) None
11. The United Nations Office on Drugs and Crime (UNODC) was established to assist the UN in better addressing a coordinated, comprehensive response to the interrelated issues of illicit trafficking in and abuse of drugs, crime prevention and criminal justice, international terrorism, and political corruption. Which of the following cities is the headquarters of the organisation ?  
 (a) Geneva (b) Vienna  
 (c) Amsterdam (d) Ottawa

12. Which of the following statements regarding India's current growth forecast by International Monetary Fund (IMF) stands true?

1. India will be the fastest growing major economy of the world and much ahead of China, the Washington-based global financial institution had said.
2. India's economic growth is "much weaker" than expected, according to the IMF, which attributed it to the corporate and environmental regulatory uncertainty and lingering weaknesses in some non-bank financial companies.
3. Sharp deceleration in manufacturing output and subdued farm sector activity pulled down India's GDP growth to over six-year low of 5% in the April-June quarter of 2019-20.

Choose the correct option :

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

13. Which of the following statements regarding the Official languages act 1963 definitely stands true?

1. The official languages act 1963 is an act to provide for the languages which may be used for the official purpose of the Union, for transaction of business in Parliament, for Central and State Acts and for certain purpose in High Courts.
2. As per the act All Manuals, Codes and other Procedural literature relating to Central Government Offices are required to be prepared in Hindi only.
3. A Committee of Parliament on Official Language was constituted in 1976 under section 4 of the Official Languages Act, 1963 to periodically review the progress in the use of Hindi as the Official Language of the Union and to submit a report to the President.

Choose the correct option :

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

14. Which of the following statements regarding mountain types are not true?

1. Mountain ridges refer to mountains which originated as a result of local folding and faulting.
2. The Great African Rift Valley (valley floor is graben), The Rhine Valley and the Vosges mountain in Europe are examples of fold mountains.
3. Block mountains are created when large areas or blocks of earth are broken and displaced vertically.
4. A group of mountain ranges formed in a single period, similar in their form, structure and extension, is termed a mountain range.

Choose the correct option :

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

15. Consider the following statements :

1. Nature acts as a laboratory on its own. Organisms in an ecosystem interact with each other and exchange genetic material for their benefit and survival.
2. Some bacteria are able to adapt themselves to pesticides too. They do this by acquiring genes through horizontal gene transfer and also evolving some existing genes to perform new functions.
3. Some bacteria acquire genes from other related microbes that are capable of breaking down hazardous compounds and such gene transfer is known as vertical gene transfer.

Which of the above statements are true?

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

16. From the following statements :

1. 'Jan Soochna Portal was launched by ministry of communications for RTI related complaints

2. Rajasthan has now become first state in country to provide information about a dozen departments on a single platform.  
 Choose the correct option :  
 (a) Only 1 (b) Only 2  
 (c) Both (d) None
17. From the following statements :  
 1. India is the largest user of the groundwater in the world with almost 90% being used for drinking water  
 2. Central Ground Water Authority (CGWA) was constituted under subsection (3) of Section 3 of the Water Act 1974 for the purposes of regulation and control of ground water development and management in the country  
 Choose the correct option :  
 (a) Only 1 (b) Only 2  
 (c) Both (d) None
18. Consider the following statements regarding National Population Register (NPR) :  
 1. The objective of the National Population Register is to create a comprehensive identity database of every usual resident in the country.  
 2. National Population Register is similar to decennial Census, which records biometric and family-tree details of Indian citizens.  
 3. It is mandatory for every usual resident of India to register in the NPR.  
 Which of the above statements is/are correct?  
 (a) 1, 2 (b) 2, 3  
 (c) 1 only (d) 1, 3
19. Consider the following statements regarding Kosi-Mechi Interlinking project :  
 1. Kosi-Mechi Interlinking project is the third major river interlinking project in the country to be approved by Central Government.  
 2. Kosi is an international river originating from Tibet and flows through plains of North Bihar.  
 3. Mechi river is a tributary of river Mahanadi.  
 Which of the above statements is/are incorrect?  
 (a) 1, 2 (b) 1 only  
 (c) 1, 3 (d) 2, 3
20. Consider the following statements regarding Fixed Dose Combinations (FDCs).  
 1. Fixed dose combinations (FDCs) are the cocktail of two or more active drug ingredients in a fixed ratio of doses.  
 2. They are less popular in India.  
 3. The Government is promoting Fixed Dose Combinations (FDCs) through Pradhan Mantri Bhartiya Janaushadhi Pariyojana Programme.  
 Which of the above statements is/are incorrect?  
 (a) 1, 2 (b) 1, 3  
 (c) 2, 3 (d) 1, 2, 3

### **ANSWER KEYS**

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