

1. Consider the following statements
  1. Ruminants are the principal source of livestock methane.
  2. Ruminant livestock have a fore-stomach containing microbes which are capable of digesting coarse plant material.
  3. Methane represents lost energy in the digestion process of ruminants.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
2. Livestock is responsible for the release of which of the following 'green house gases'?
  1. Methane
  2. Carbon monoxide
  3. Nitrous oxideSelect 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
3. Consider the following statements about the Integrated Child Development Services:
  1. Children (3-6 years) age group are provided with hot cooked meals.
  2. Children (6 months-3 years) are provided with take-home ration.
  3. Pregnant women and lactating mothers are provided with take-home ration.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 long period average for the Monsoon season is calculated on the basis of the mean rainfall during the previous 5 years.
  2. The long period average for the Monsoon season comes to an average of 89 cm for the country as a whole.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
5. Which of the following statements is true regarding 'e-baalnidaan'?
  - (a) It is an online platform to help children deal with the exam related stress.
  - (b) It is an app to track the progress of various child-related nutritional schemes.
  - (c) It is an online complaint system to report child sexual abuses.
  - (d) It is an online platform to help faster adoption of children.
6. Which of the following are among the important feature of the draft 'National Digital Communications Policy 2018'?
  1. Attract \$100 billion investments into the country's digital communications sector.
  2. Provide broadband access for all with 50 mbps speed.

3. Ensure that the principles of net neutrality and privacy are upheld.

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 avian species get extinct in the 21st century?

- 1. Spix's macaw
- 2. Alagoas foliage-gleaner
- 3. Cryptic tree-hunter
- 4. Pernambuco pygmy-owl

Select the correct answer using the code given below:

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

8. Which of the following species of sea turtles are known to inhabit Indian coastal waters and islands.

- 1. Green
- 2. Hawksbill
- 3. Loggerhead
- 4. Flatback

Select the correct answer using the code given below:

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

9. Which of the following are correctly matched?

- 1. Intelligence Bureau: Ministry of Home Affairs
- 2. Directorate of Enforcement: Ministry of Finance
- 3. Central Bureau of Investigation: Ministry of Home Affairs
- 4. Directorate of Revenue Intelligence: Ministry of Commerce

Select the correct answer using the code given below:

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

10. Weichert-Gutenberg discontinuity is between:

- (a) Lower mantle and outer core
- (b) Outer core and inner core
- (c) Lower crust and upper mantle
- (d) Division of Sial and Sima within the crust

11. Which of the following acts are treated as economic offences under the 'fugitive economic offenders' Bill?
1. Counterfeiting government stamps or currency
  2. Dishonouring cheques
  3. Benami transactions
  4. Money-laundering
- Select the correct answer using the code given below:
- (a) 1, 2 and 3 only
  - (b) 2, 3 and 4 only
  - (c) 1, 3 and 4 only
  - (d) All of the above
12. Consider the following statements about 'anthrax':
1. It cannot be transmitted from person to person.
  2. It can be treated with antibiotics.
  3. It can be prevented through vaccination.
- 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:
1. Certain companies in India needs to spend at least 2% of its average net profit for the immediately preceding three financial years on Corporate social responsibility activities.
  2. All companies in India seeking green clearance need to set aside up to 2% of its capital investment for Corporate Environment Responsibility (CER).
- 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
14. Lehman discontinuity marks the separation of:
- (a) Lower mantle and outer core
  - (b) Lower crust and upper mantle
  - (c) Outer core and inner core
  - (d) Upper mantle and lower mantle
15. Which of the following categories of beneficiaries are under the Pradhan Mantri Ujjwala Yojana?
1. Women belonging to the BPL family.
  2. Forest dwellers
  3. People residing in Islands
  4. People residing in river islands
- Select the correct answer using the code given below:
- (a) 1, 2 and 3 only
  - (b) 2, 3 and 4 only

- (c) 1, 3 and 4 only  
(d) All of the above
16. Natuna Sea is disputed between:  
(a) China and Philippines  
(b) China and Vietnam  
(c) China and Indonesia  
(d) China and Malaysia
17. Which of the following are key features of UDAN (Ude Desh Ka Aam Naagrik) Round 3 scheme?  
1. Inclusion of Tourism Routes  
2. Inclusion of Seaplanes for connecting Water Aerodromes  
3. Bringing in a number of routes in the North-East Region under the ambit of UDAN.  
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. Which of the following have been correctly matched?  
1. Vitamin C: Calcium  
2. Black Pepper: Turmeric  
3. Vitamin D: Iron  
Select the correct answer using the code given below:  
(a) 1 and 2 only                      (b) 2 only  
(c) 1 and 3 only                      (d) 3 only
19. Which of the following statements is true regarding 'Gaj Yatra'?  
(a) It aims at securing 100 elephant corridors across India.  
(b) It aims at popularising 'Ganesha Festival' to across north-Indian States.  
(c) It aims at showcasing scientific achievements of ancient Indians.  
(d) None of these.
20. Which of the following ports are being developed as transshipment hubs under 'Sagarmala Project'?  
1. Vizhinjam  
2. Belikeri  
3. Enayam  
4. Tajpur  
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) 3 and 4 only

## **ANSWER KEYS**

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