

1. Which of the following have been correctly matched?

1. Vadhavan: Maharashtra
2. Tajpur: Odisha
3. Sirkazhi: Tamil Nadu
4. Belikeri: Karnataka

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

2. Arrange the following modes of transportation in decreasing order of the cost of transportation cost of goods:

1. Roads
2. Railways
3. Pipelines
4. Waterways

Select the correct answer using the code given below:

- (a) 1>2>3>4
- (b) 2>1>3>4
- (c) 1>2>4>3
- (d) 4>1>2>3

3. Consider the following statements:

1. Ethanol is a colourless volatile flammable liquid which is produced by the natural fermentation of sugars.
2. Ethanol used as fuel is the same type of alcohol found in alcoholic beverages.
3. Vehicles do not need any modifications to use blended fuel, which typically is 10 percent ethanol and 90 percent gasoline.

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 about the Global Innovation Index 2018:

1. It is released by the World Innovation Council.
2. It ranks the countries on indicators which among others include creation of mobile applications.
3. In the 2018 Index, China was the most innovative country.

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

5. Consider the following statements about the draft National Forest Policy, 2018:

1. The new policy targets of having 33% of India's geographical area under forest and tree cover.
2. It speaks about private participation in forest management.
3. It proposes a green tax for facilitating ecologically responsible behaviour.

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

6. Consider the following statements about the Office of the Economic Adviser (OEA):
1. It is an attached office of the Ministry of Finance.
  2. It compiles and releases monthly Wholesale Price Indices.
- 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
7. Consider the following statements:
1. Brasilia Declaration intends to reduce road accidents and traffic fatalities by 50% by 2022.
  2. India is as a signatory to the Brasilia Declaration.
- 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
8. Which of the following have been correctly matched?
1. **Virtual reality:** It uses a computer to create a simulated three-dimensional world.
  2. **Augmented reality:** It is a technology that superimposes a computer-generated image on a user's view of the real world, thus providing a composite view.
  3. **Artificial Intelligence:** It is the interconnection via the Internet of computing devices embedded in everyday objects, enabling them to send and receive data.
- 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 about the Model Code of Conduct Violation Reporting App:
1. It is a multi-lingual mobile application.
  2. It was made available for the first time in Bengaluru during the recently concluded Karnataka Assembly polls.
  3. It empowers people across the country to share evidence of electoral malpractices directly with the electoral body.
- 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 about the Model Contract Farming Act, 2018:
1. The farmers should be considered as weaker of the two parties entering into a contract.
  2. Contract framing has been kept outside the ambit of Agricultural Produce Marketing Committee Act.
  3. The buyer is allowed to raise a permanent structure on the producer's land.
- 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 Cherrapunji:

1. It is located on the Shillong plateau.
2. It receives more than 10,000mm of annual average precipitation.
3. It is the wettest place on earth.

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 about Siachen Glacier:

1. It is the largest glacier in the world outside the Polar regions.
2. It lies in the Pir Panjal range of mountains at the altitude of 5,400 meters above the sea level.
3. The glaciers melting water is the main source of water for the Nubra river, which further falls into the Shyok River.

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. Hydrazine, despite its hazardous nature, is preferred as a propellant in rockets because?

- (a) It is very cheap and is easily available.
- (b) Its life in the atmosphere is very low.
- (c) It doesn't burn the rockets and allows them to be reusable.
- (d) It has a very high specific impulse.

14. Consider the following statements:

1. In Northern Hemisphere, recurvature of a tropical cyclone (TC) is defined as the situation when a TC transits from a mainly westward track to a northward and sometimes even an eastward track.
2. The interaction of TC with terrain and the presence of other tropical cyclones nearby affects the motion of a TC.

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 statements is true regarding the Shangri-La Dialogue?

- (a) It is Asia's premier defence summit.
- (b) It is an annual conference of nations bordering the Arctic Ocean.
- (c) It is a strategic dialogue aimed to resolve the issues between the two Koreas.
- (d) It is a dialogue of countries that are involved in the Syrian War.

16. Priority Sector in India includes which of the following categories:

1. Export Credit
2. Education
3. Housing
4. Social Infrastructure

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

17. Consider the following statements about the Speaker Pro Tem:

- 1. The Speaker Pro Tem has all the powers of the Speaker.
- 2. He enables the House to elect the new Speaker to preside over the first sitting of the newly-elected Legislative Assembly.
- 3. His main duty is to administer oath to the new members.

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. **First-generation biofuel:** derived from low-value biomass.
- 2. **Second-generation biofuel:** produced from food crops.
- 3. **Third-generation biofuel:** use of algae and cyanobacteria.

Select the correct answer using the code given below:

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

19. Which of the following statements are true regarding National Digital Communications Policy, 2018?

- 1. Provide universal broadband connectivity at 50 Mbps to every citizen.
- 2. Provide 10 Gbps connectivity to all Gram Panchayats by 2022.
- 3. Expand 'Internet of Things' ecosystem to 5 billion connected devices.

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

20. Consider the following statements:

- 1. Shagun portal has been launched to create a repository of best practices in school education.
- 2. Swachh Vidyalaya Campaign has been launched to create separate toilets for girls and boys in every school.
- 3. Padhe Bharat Badhe Bharat has been launched to ensure that students of classes I to V are able to read with comprehension as well as basic numeracy skills.

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

## **ANSWER KEYS**

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