

1. Which of the following are among the differences between Laser Interferometer Gravitational-Wave Observatory (LIGO), a gravitational wave observatory, and astronomical observatories?
  1. Unlike astronomical observatories, LIGO cannot see electromagnetic radiation.
  2. LIGO doesn't need to be dish-shaped like telescope mirrors or radio dishes.
  3. While an astronomical observatory, gravitational wave observatories like LIGO cannot operate solo.

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. Consider the following statements about the National Payments Corporation of India (NPCI):
  1. It is an initiative of Ministry of Finance and Indian Banks' Association (IBA).
  2. It has been incorporated as a "Not for Profit" Company under the provisions of
  3. Section 8 of Companies Act 2013.
  4. National Financial Switch (NFS) and Cheque Truncation System (CTS) are the flagship products of NPCI.

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

3. Which of the following are among the benefits of the Unified Payments Interface (UPI) to the customers?
  1. Round the clock availability.
  2. Single Application for accessing different bank accounts.
  3. Use of Virtual ID is more secure, no credential sharing.
  4. Single click authentication.

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

4. Which of the following could result in a decrease in the growth forecast for India's GDP?
  1. Elevated crude oil prices
  2. Government's decision to fix the minimum support prices of all kharif crops at 1.5 times of the production cost.
  3. Rising trade protectionism

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. Though oil firms fix retail selling price of petrol and diesel on a daily basis, the inputs for that fixation are an average of:
  - (a) Previous week.
  - (b) Previous fortnight.
  - (c) Previous month.
  - (d) Previous day.

6. Which among the following elements are found in the ash and dust released by the coal based power plants?

1. Arsenic
2. Cadmium
3. Mercury
4. Lead

Select the correct answer using the code given below:

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

7. Consider the following statements:

1. The Internet Corporation for Assigned Names and Numbers (ICANN) publishes the Global Cybersecurity Index (CGI).
2. Each country's level of development in combating cybercrimes is analyzed within five categories.

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 one of the following is correct in respect of India?

Percentage of workers engaged in:

- (a) Agricultural sector is increasing.  
(b) Industry sector is more than tertiary sector.  
(c) Tertiary sector is decreasing.  
(d) Tertiary sector is more than industry sector.

9. The America's Pledge initiative refers to:

- (a) The elimination of weapons of mass destruction from the American continent.  
(b) The commitment to the destruction of terrorism from around the world.  
(c) The coming together of private and public sector leaders to ensure the United States remains a global leader in reducing emissions.  
(d) None of these.

10. Which of the following countries are not part of the Paris Climate Agreement?

- (a) U.S., North Korea, Syria  
(b) U.S., Palestine, North Korea  
(c) Palestine, North Korea, Nicaragua  
(d) U.S., Syria, Nicaragua

11. Consider the following statements about the gravitational waves:

1. Gravitational waves cause space itself to stretch in one direction and get squeezed in a perpendicular direction.
2. Gravitational waves travel at the speed of light through the Universe.
3. Albert Einstein predicted the existence of gravitational waves in 1916 in his general theory of relativity.

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 the Monetary Policy Committee (MPC):

1. It is defined and constituted under the Reserve Bank of India Act, 1934.
2. It consists of six members.
3. The Members of the Monetary Policy Committee appointed by the Central Government shall hold office for a period of five 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

13. Consider the following statements:

1. The Wholesale Price Index (WPI) and Consumer Price Index (CPI) are the two techniques used to measure inflation.
2. WPI reflects the inflation pertaining to the change in the average price of the goods and services that are transacted in the wholesale market.
3. CPI takes into account the change in the average retail price of goods and services over a period of time.

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. Rupee depreciation will result in higher earnings for which of the following?

1. Importers
2. Exporters
3. Tourism service providers from India to those visiting foreign countries
4. Oil and Natural Gas Corporation

Select the correct answer using the code given below:

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

15. Consider the following statements about the National Financial Switch (NFS):

1. The National Financial Switch is the largest interconnected network of automated Teller Machines (ATMs) in India.
2. It is run by the National Payments Corporation of India (NPCI).
3. Any bank offering the core banking services round the clock with or without ATM can be a part of this National Financial Switch through a sponsor bank.

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. Consider the following statements about the Hague Convention on the Civil Aspects of International Child Abduction:

1. The Convention seeks to protect children from the harmful effects of abduction and retention across international boundaries by providing a procedure to ensure their prompt return.

2. The convention applies to any child, up to the age of 16 years who is a habitual resident of any of the contacting states.

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

17. 'Muntra' recently in news is the:

- (a) First indigenously developed nuclear submarine.  
(b) Indigenously developed surface to air missile defense system.  
(c) India's first unmanned tank.  
(d) None of these.

18. Consider the following statements:

1. The 'Inclusive India Initiative' of National Trust is specifically catering to women, Scheduled Castes and Scheduled Tribes.  
2. The National Trust is a statutory body of the Ministry of Social Justice and Empowerment.

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

19. Consider the following statements:

1. Article 330 of the Constitution deals with reservation of seats for SCs and STs in the Lok Sabha.  
2. Article 332 of the Constitution deals with reservation of seats for SCs and STs in the Legislative Assemblies.  
3. Article 300 of the Constitution protects a person's right to not be deprived of property.

Select the correct answer using the code given below:

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

20. Under which of the following circumstances by polls can occur for a seat?

1. When the incumbent dies or resigns.  
2. When the incumbent becomes ineligible to continue in office.  
3. When a constituency election is invalidated by voting irregularities.

Select the correct answer using the code given below:

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

## **ANSWER KEYS**

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