

1. The principle on the basis of which 'cell phone jamming devices' work is:
 - (a) A jamming device transmits signals on the same radio frequencies as the cell phone.
 - (b) A jamming device starts receiving the signals from the cell phone tower itself and not the cell phone.
 - (c) A jamming device obtains the associated number and sends a request to the service provide immediately to block the services temporarily.
 - (d) None of these.
2. Which of the following has become the first state in India to provide digitally-signed land record receipts (also known as 7/12 receipts)?
 - (a) Gujarat
 - (b) Telangana
 - (c) Kerala
 - (d) Maharashtra
3. 'Section 377' of the Indian Penal Code was recently in news. It is concerned with:
 - (a) Providing Uniform Civil Code in India.
 - (b) Criminalisation of homosexuality in India.
 - (c) Sedition charges against the State.
 - (d) Women and child trafficking
4. A technique called the Short Tandem Repeat (STR) analysis is most widely used in:
 - (a) Finding presence of radio-active wastes in metal garbage.
 - (b) Forensic analysis.
 - (c) In vitro fertilisation.
 - (d) Extraction of rare earth metals from their ore.
5. Which of the following chemicals can be found in 'party poppers' which are increasingly being used in parties involving children?
 1. Red phosphorous
 2. Potassium chlorate
 3. Potassium perchlorate
 4. Sulphur

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
6. Nicaragua was rocked by a series of protests because:
 - (a) Military takeover of the democratically elected government.
 - (b) Water crises due to climate change.
 - (c) Allowing a foreign military base in the country by the government.
 - (d) A series of welfare reforms undertaken by the government.
7. 'Neemrana Dialogue', which was recently in news, is concerned with:
 - (a) India-Pakistan Track II diplomacy

- (b) U.S.-Iran Nuclear Deal
(c) Climate change talks in Paris
(d) None of these
8. Which of the following statements are true about 'light year'?
1. It is the distances the light will travel in one year.
 2. It is a measure of both distance and time.
 3. The mean distance between the sun and the earth, in terms of light years, is 8.3 11 minutes.
- 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. Which of the following is the densest planet in our solar system?
- (a) Earth
(b) Uranus
(c) Jupiter
(d) Saturn
10. Which of the following statements are correct regarding Norwesters?
1. It is a type of hot weather storm.
 2. These are observed in southern states of India just before the arrival of Monsoon.
 3. Rainfall from these storms is useful for tea, jute and rice cultivation.
- 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 the Model Code of Conduct (MCC):
1. Article 324 of the Constitution mandates the Election Commission of India to hold free and fair elections.
 2. The Model Code of Conduct is enforceable by law.
 3. The Model Code of Conduct is a part of the Representation of the People Act, 1951.
- 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
12. Which of the following Indian cities are among the 20 most polluted cities identified by the World Health Organisation?
1. Faridabad
 2. Gaya
 3. Varanasi

4. Hyderabad

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

13. Which of the following are among the key culprits responsible for the discolouration of Tal Mahal:

- 1. Particulate matter
- 2. Carbon from burning biomass and refuse
- 3. Fossil fuels
- 4. Dust from agriculture and road traffic

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

14. The children of which of the following age group have been covered under the Rajiv Gandhi National Crèche scheme:

- (a) Children of 6 months to 6 years
- (b) Children of 2 months to 6 years
- (c) Children of 6 months to 2 years
- (d) Children of 2 months to 2 years

15. Consider the following statements about the Pradhan Mantri Vaya Vandana Yojana (PMVVY):

- 1. It is a Pension Scheme exclusively for the senior citizens aged 60 years and above.
- 2. The scheme is exempted from Service Tax/ GST.
- 3. Life Insurance Corporation (LIC) of India has been given the sole privilege to operate this Scheme.

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. Who among the following can declare a region to be 'disturbed' under the Armed Forces (Special Powers) Act (AFSPA)?

- 1. Central Government
- 2. Governor of that State
- 3. Administrator of that Union Territory

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
17. 'Generalized System of Preferences (GSP)', which was recently in news, is concerned with which of the following?
- World Trade Organisation
 - U.S.
 - International Monetary Fund
 - European Union
18. Who among the following are the ex-officio members of the National Human Rights Commission?
- The chairman of the National Commission for Minorities
 - The chairman of the National Commission for Schedule Castes
 - The chairman of the National Commission for Schedule Tribes
 - The chairman of the National Commission for Backward Classes
- Select the correct answer using the code given below:
- 1, 2 and 3 only
 - 2, 3 and 4 only
 - 1, 3 and 4 only
 - All of the above
19. Most cell phones and wireless devices are not allowed on airplanes because?
- These devices cause harmful interference with ground networks.
 - These devices can be used to operate terror strikes.
 - These devices attract harmful radiations in the upper atmosphere.
 - None of these
20. Which of the following contributes the highest and the lowest weight respectively among the 'core industries' to the Index of Industrial production?
- Coal and Cement
 - Fertilizer and natural gas
 - Petroleum Refinery Products and fertilizer
 - Crude oil and electricity

ANSWER KEYS

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