

1. India Meteorological Department had called the formation of Titli as a 'rarest of rare' occurrence because:
 - (a) It was the strongest cyclone in the sub-continent in the last 100 years.
 - (b) It had changed its path after landfall.
 - (c) It was developed in a season in which generally no cyclone formation takes place.
 - (d) It originated near equator where coriolis force is almost zero.
2. Human Immunodeficiency Virus (HIV) is found in which of the following body-fluids of the infected person?
 1. Blood
 2. Breast milk
 3. Tears
 4. Saliva

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
3. Sentinelese tribe, which was recently in news, is a
 - (a) Pre-neolithic tribe
 - (b) Paleolithic tribe
 - (c) Mesolithic tribe
 - (d) Chalcolithic tribe
4. Which of the following statements regarding differences between Paleolithic and Neolithic ages are correct?
 1. The Neolithic age lasted for a much shorter duration in comparison to the Paleolithic age.
 2. The Paleolithic man moved in search of food. The Neolithic man moved in search of fertile land and water sources.
 3. The Paleolithic era saw the innovation of pottery and wheel. The Neolithic era saw the innovation of farming, banking, and trade.

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. The Belt and Road Initiative has economic corridors spanning which of the following continents?
 1. Asia
 2. Europe
 3. Arctic
 4. Africa

Select the correct answer using the code given below:

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

6. Which of the following correctly defines the term 'Lunar Day'?
- It refers to the time taken by the moon to complete one rotation on its axis.
 - It refers to the time taken by the moon to complete one orbit around the Earth.
 - Both A and B
 - Neither A nor B
7. Transplantation of tissues/organs to save certain patients often fails due to rejection of such tissues/organs by the patient. Which type of immune response is responsible for such rejections?
- Auto-immune response
 - Humoral immune response
 - Physiological immune response
 - Cell-mediated immune response
8. Consider the following statements about the Street Lighting National Programme (SLNP):
- The Programme aims to replace conventional streetlights with energy efficient LED lights.
 - It is being implemented by The Energy Resource Institute.
 - It is world's Largest Street Light Replacement Programme.
 - Rajasthan was the first state to adopt this scheme.
- 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
9. Which of the following are among the objectives of the Parker Solar Probe?
- Trace the flow of energy that heats and accelerates the solar corona and solar wind.
 - Determine the structure and dynamics of the plasma and magnetic fields at the sources of the solar wind.
 - Explore mechanisms that accelerate and transport energetic particles.
- Select the correct answer using the code given below:
- 1 and 2 only
 - 2 and 3 only
 - 1 and 3 only
 - All of the above
10. The users of Sukhad Yatra mobile application can upload which of the following types of information related to highways?
- Road quality-related information
 - To report any accident
 - Pothole on the highway
- Select the correct answer using the code given below:
- 1 and 2 only
 - 2 and 3 only
 - 1 and 3 only
 - All of the above
11. Consider the following statements about the James Webb Space Telescope:
- It is a joint project of the NASA and the European Space Agency.
 - It will be the successor of the Hubble Space Telescope.

3. One of its aims is to use spectroscopy to determine the atmospheric components of the alien worlds.

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. Which of the following projects saw the collaboration between NASA and ISRO?

1. NISAR Mission
2. Chandrayaan-1 Mission
3. Mangalyaan Mission

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 about the Co-operative banks in India:

1. These banks operate both in urban and non-urban centers.
2. These banks are regulated by the RBI.
3. These banks function on the basis of 'no-profit no-loss'.

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. The National Disaster Response Force (NDRF) battalions are located at which of the following places?

1. Guwahati
2. Pune
3. Hyderabad
4. Varanasi

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

15. Consider the following statements about the Foreign Exchange Management Act, 1999:

1. The Central Govt. has established the Directorate of Enforcement for the purpose of taking up investigations of cases under the said Act.
2. The Act applies to all branches, offices and agencies outside India owned or controlled by a person resident in India.
3. The Foreign Exchange Management Act, 1999 is a criminal act in nature.

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. Which of the following agencies are under the Ministry of Home Affairs?

1. Intelligence Bureau (IB)
2. National Investigation Agency (NIA)
3. Central Bureau of Investigation (CBI)

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. Major concerns for human health for exposure to PM10 includes:

1. Effect on breathing and respiratory systems
2. Damage to lung tissue
3. Cancer
4. Premature death

Select the correct answer using the code given below:

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

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

1. It proposes a green tax for facilitating ecologically responsible behaviour.
2. It suggests launching a national forest streams revival programme in mission mode to tackle the water crisis.
3. It does not suggest any new body for better management of the country's forests.

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) None of these

19. National Building Construction Corporation (NBCC) is designated as the implementing agency for executing projects under which of the following?

1. Jawaharlal Nehru National Urban Renewal Mission (JNNURM)
2. Pradhan Mantri Gram Sadak Yojna (PMGSY)
3. Solid Waste Management (SWM)
4. Developmental work in North Eastern Region

Select the correct statement using the code given below:

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

20. Consider the following statements about the Double Taxation Avoidance Agreement (DTAA):

1. It is a tax treaty signed between two or more countries.
2. It applies in cases where a tax-payer resides in one country and earns income in another.
3. Recently, Iran has become the first country to sign DTAA with India.

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