

## *10 PM Current Affairs Quiz Compilation*

4 Oct to 10 Oct, 2021

*THIS IS A MONTHLY DOCUMENT CONTAINING ALL MCQS ASKED IN 10 PM  
CURRENT AFFAIRS QUIZ BY FORUM IAS.*

## 10 PM Compilation for the Month of October (First Week), 2021

### ECONOMY

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**Q.1) With reference to coal reserves in India, consider the following statements:**

1. Globally, India is the second largest producer of coal.
2. USA is the biggest consumer of coal in the world.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: A**

**Explanation**

- **Statement 1 is correct:** India is the 2<sup>nd</sup> largest producer and consumer of coal. It has 4<sup>th</sup> largest coal reserves globally.
- **Statement 2 is incorrect:** China, not US, is the biggest consumer of the coal in the world.

**Source - [Article](#)**

**Q.2) Arrange the following in the decreasing order of their share in India's installed generation capacity:**

1. Coal fired thermal power
2. Hydropower
3. Renewable energy

**Select the correct answer from the codes given below:**

- a) 1-2-3
- b) 2-1-3
- c) 1-3-2
- d) 3-2-1

**Correct Answer: C**

**Explanation**

- India's coal fired thermal power plants account for 54% of India's 388 GW installed generation capacity, Renewable energy (101 GW), Gas (25GW), hydropower (46GW) and nuclear energy account for the rest.

**Source - [Article](#)**

**Q.3) With reference to National Dairy Development Board (NDDB), consider the following statements?**

1. It is a statutory body and an institute of national importance.
2. The NDDB is headquartered in New Delhi.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2

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**d)** Neither 1 nor 2

**Correct Answer: A**

**Explanation:**

- Statement 1 is correct: The NDDB is a statutory body and an institute of national importance, established by an act of the Indian Parliament in 1965. It was founded by Dr Verghese Kurien, often called 'India's milkman'.
- Statement 2 is incorrect: The NDDB was created to boost, finance and support producer-owned and controlled organisations in the dairy industry. The NDDB is headquartered in Anand, Gujarat. Source: Union Minister of State for Fisheries, Animal Husbandry & Dairying unveils National Digital Livestock Mission Blueprint at NDDB

**Q.3)** With reference to International Financial Services Centres Authority (IFSCA), consider the following statements:

1. It is a statutory body.
2. At present, the GIFT IFSC in Gujarat is the maiden international financial services centre in India.

Which of the statements given above is/are incorrect?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: d**

**Explanation:**

Both statements are correct.

About IFSCA:

- International Financial Services Centres Authority (IFSCA) was established in 2020 under the International Financial Services Centres Authority Act, 2019.
- Role of IFSCA: The IFSCA is a unified authority for the development and regulation of financial products, financial services and financial institutions in the International Financial Services Centre (IFSC) in India.
- At present, the GIFT IFSC in Gandhinagar, Gujarat is the maiden international financial services centre in India.
- Prior to the establishment of IFSCA, the domestic financial regulators, namely, RBI, SEBI, PFRDA and IRDAI regulated the business in IFSC. Source: PIB

**Q.4)** With reference to River Ranching programme, consider the following statements:

1. It has been introduced as a special activity under Pradhan Mantri Kaushal Vikas Yojana.
2. One of its aims is to promote the sustainable use of fishery resources in an economical and environmentally responsible manner.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct Answer: b

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Explanation

- Statement 1 is incorrect: “River ranching programme” is introduced as special activity under PMMSY (Pradhan Mantri Matsya Sampada) scheme
- Statement 2 is correct Source: PIB

**Q.5)** With reference to MyPortApp, consider the following statements:

1. The App is aimed to promote transparency and easy access of port related information.
2. It incorporates all port facts digitally and virtually monitors operations.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

Correct Answer: C

Explanation

Both statements are correct.

· MyPortApp: The App includes all port details digitally and monitor operations virtually. Targeted towards Port Users for availing various Port services, the App is aimed to promote transparency and easy access of port related information. The app also has various information like Vessel Berthing, Rake & Indent, Rake Receipt, Container Status, Tariff, Bills, Port Holidays, etc. and can be accessed anywhere 24x7 and reach out directly to port. Source: PIB

**Q.6)** With reference to vertical farming, consider the following statements:....

1. Under this kind of farming, crops are grown indoors, under artificial conditions of light and temperature.
2. It uses soil-less methods such as hydroponics, aquaponics and aeroponics.

**Which of the statements given above is/are incorrect?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: d**

**Explanation**

**Both statements are correct.**

- In vertical farming, crops are grown indoors, under artificial conditions of light and temperature. Crops are grown indoors, under artificial conditions of light and temperature. It aims at higher productivity in smaller spaces. It uses soil-less methods such as hydroponics, aquaponics and aeroponics.

**Source:** [Article](#)

**Q.7)** Which of the following factors drive the formation of tarballs?

1. Discharge from municipal waste
2. Oil-well blowouts
3. Accidental release of bilge and ballast water

**Select the correct answer from the codes given below:**

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

**Correct Answer: d**

**Explanation:**

- Tarballs are dark-coloured substances formed from weathering of crude oil floating on the ocean surface. These are dropped off to shores by waves and sea currents. They accumulate in several sizes ranging from small globules to those as big as a basketball.
- Discharge from municipal waste, oil-well blowouts, deliberate and accidental release of bilge and ballast water from ships are among the main factors driving the formation of these pollutants.

**Source:** [Article](#)

**Q.8) What is Amolops Adicola that has been in news recently?**

- a) A cascade frog species discovered in Arunachal Pradesh.
- b) A new grass species discovered in the Western Ghats.
- c) Lizard species endemic to the Easter Ghats.
- d) Blind eel species discovered in Mumbai.

**Correct Answer: a**

**Explanation:**

- A team of researchers from Delhi University (DU) have discovered a new species of cascade frog in Arunachal Pradesh. They have named the frog species as “Adi Cascade Frog (Amolops Adicola)”

**Source:** [Article](#)

**Q.9) With reference to Central Pollution Control Board (CPCB), consider the following statements:**

1. It is a statutory body established under the Environment Protection Act 1986.
2. One of its functions is to promote cleanliness of streams and wells in different States.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: b**

**Explanation:**

- **Statement 1 is incorrect:** CPCB is a statutory body but it has been established under the Water (Prevention and Control of Pollution) Act, 1974.
- **Statement 2 is correct:** The functions of CPCB includes: promote cleanliness of streams and wells in different States by prevention, control and abatement of water pollution and to improve the quality of air and to prevent, control or abate air pollution in the country.

**Source:** [Article](#)

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**Q.10)** With reference to the **Voluntary Safety Reporting System**, consider the following statements:

1. The system will facilitate the collection of information on actual or potential safety deficiencies on flight safety.
2. Voluntary Safety Reporting System is a substitute for Mandatory Safety Reporting System.
3. Directorate General of Civil Aviation (DGCA) is implementing the system.

**Which of the statements given above is/are correct?**

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

**Correct Answer: C**

**Explanation**

**Statement 1 is correct:** The Directorate General of Civil Aviation (DGCA) has introduced a Web-based system on the eGCA platform for voluntary reporting of incidents that pose a potential threat to flight safety. The system will facilitate the collection of information on actual or potential safety deficiencies that may not be captured by the mandatory safety reporting system.

**Statement 2 is incorrect:** the Voluntary Safety Reporting System was not a substitute for Mandatory Safety Reporting System that would continue to function.

**Statement 3 is correct:** Directorate General of Civil Aviation (DGCA) is implementing the Voluntary Safety Reporting System.

Source: Online system for aviation safety



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### SCIENCE AND TECHNOLOGY

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**Q.1) With reference to Mosquirix, consider the following statements:**

1. It is the first vaccine to be developed against any parasite.
2. It will provide protection against malaria caused by Plasmodium vivax.

**Which of the statements given above is/are incorrect?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: b**

**Explanation:**

- **Statement 1 is correct:** Mosquirix is the first vaccine to be developed against any parasite.
- **Statement 2 is incorrect:** Mosquirix is supposed to provide protection against malaria caused by Plasmodium falciparum

**Source:** [Article](#)

**Q.2) Artemis Programme.** In news, is related to which of following organization?

- a) NASA (National Aeronautics and Space Administration)
- b) ISRO (Indian Space Research Organization)
- c) ESA (European Space Agency)
- d) JAXA (Japan Aerospace Exploration Agency)

**Correct Answer A**

**Explanation:**

**About Artemis Programme:** NASA's Artemis programme is the most ambitious lunar exploration undertaking since the Apollo missions. **It plans to land the first woman and the next man on the Moon in the coming years.** It will also include a massive technological effort to build new launchers, spacecraft and ground-based facilities as well as putting a gateway module in orbit around the Moon, to act as a stepping stone for further space exploration.

**Source:** [World Is Entering A New Moon Age](#)

**Q.3) With reference to S-400 Triumf Missile, consider the following statements:**

1. It is a mobile, surface-to-air missile system (SAM) designed by Russia.
2. It can engage all types of aerial targets including aircraft, unmanned aerial vehicles (UAV) and ballistic and cruise missiles within the range of 400km.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

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**Correct Answer: C**

**Explanation**

**Statement 1 is correct: S-400 Triumf Missile:** It is a mobile, surface-to-air missile system (SAM) designed by Russia.

**Statement 2 is correct:** It is capable of firing three types of missiles to create a layered defence. The system can engage all types of aerial targets including aircraft, unmanned aerial vehicles (UAV) and ballistic and cruise missiles within the range of 400km, at an altitude of up to 30km. It can track 100 airborne targets and engage six of them simultaneously.

**Source:** [U.S. expresses unease over S-400 deal](#)

**Q.9)** with reference to National Digital Livestock Mission, consider the following statements

1. Its aim is to create a farmer-centric, technology-enabled ecosystem where the farmers are able to realize better income through livestock activities with the right information.
2. It is a digital platform developed jointly by the Department of Animal Husbandry and Dairying (DAHD) and NDDB (National Dairy Development Board)

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 and 2

**Correct Answer: c**

**Explanation:**

About National Digital Livestock Mission:

- NDLM is a digital platform developed jointly by the Department of Animal Husbandry and Dairying (DAHD) and NDDB on the foundation of the existing Information Network for Animal Productivity and Health (INAPH).
- Aim of NDLM: The aim is to create a farmer-centric, technology-enabled ecosystem where the farmers are able to realize better income through livestock activities with the right information.
- The bedrock of NDLM will be the unique identification of all livestock, which will be the foundation for all the state and national level programmes, including domestic and international trade.

**Q.10) Kármán line sometimes seen in news is associated with?**

- a) Space
- b) Dark net
- c) Artificial Intelligence
- d) Deep seabed

**Correct Answer: a**

**Explanation:**

- Karman line is the internationally recognized boundary of space which lies around 100 kilometres above mean sea level.

**Source:** [Article](#)

**Q.11) Nordstream 2 runs across which of the following seas?**

- a) Adriatic



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- b) Baltic
- c) Aral
- d) Black

**Correct Answer: b**

**Explanation:**

- It is a new export gas pipeline running from Russia to Europe across the Baltic Sea

**Source:** [Article](#)

**Q.12) Indian Astronomical Observatory (IAO)** was recently seen in news. In which of the following States/UTs the Observatory is located in?

- a) Karnataka.
- b) Tamil Nadu.
- c) Arunachal Pradesh.
- d) Ladakh.

**Correct Answer: D**

**Explanation:**

A recent study said that the Indian Astronomical Observatory (IAO) located at Hanle near Leh in Ladakh is becoming one of the promising observatory sites globally. This is due to its advantages of more clear nights, minimal light pollution, background aerosol concentration, extremely dry atmospheric condition, and uninterrupted by monsoon.

IAO is operated by the Indian Institute of Astrophysics, Bangalore. The IAO currently hosts Telescopes such as the Himalayan Chandra Telescope, GROWTH-India Telescope, High Altitude Gamma Ray Telescope.

**Source:** [Trans- Himalayan region becoming one of the promising astronomical sites globally](#)

**Q.13) RTS.S sometimes seen in news is a?**

- a) first and, to date only, vaccine shown to have the capability of significantly reducing malaria.
- b) A portable medical kit for developed for on the go and easy detection of COVID.
- c) Newly developed emission standard for electric vehicles.
- d) a standard for the layout of partition tables of a physical computer storage device.

**Correct Answer: a**

**Explanation**

- RTS,S/AS01 (RTS.S), trade name Mosquirix, which was endorsed by the World Health Organisation (WHO) on Wednesday (October 6), is the first and, to date only, vaccine shown to have the capability of significantly reducing malaria, and life-threatening severe malaria, in tests on young African children.

**Source:** [Article](#)

**Q.14) Which of the following terms correctly defines OJ 287?**

- a) Blazar
- b) Black hole
- c) Asteroid
- d) Near-Earth object

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**Correct Answer: a**

**Explanation**

- Blazars are one of the brightest sources in the Universe. A special class of these objects are called BL Lacs, which show rapid and large variability in emission. A blazar called OJ 287, whose **central supermassive black hole is among the largest known, belongs to this class.**

**Source:** [Article](#)

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### INTERNATIONAL RELATIONS – DEFENSE EXERCISES - MILITARY

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**Q.1) Ajeya Warrior is a joint military exercise between India and which other country?**

- a) France
- b) Belgium
- c) UK
- d) Germany

**Correct Answer: c**

**Explanation:**

- It is a joint military exercise and is conducted alternatively in the United Kingdom and India.
- Other joint exercises between India and UK:
  - **Navy:** Konkan
  - **Air Force:** Indradhanush

**Source:** [Article](#)

**Q.2) With reference to Countering America's Adversaries Through Sanctions Act (CAATSA), consider the following statements:**

1. The Act empower US President to impose sanctions on countries that engage in a significant transaction with only the Russian defence and intelligence sectors.
2. Once imposed, the US President could not waive off the sanctions.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: A**

**Explanation**

Recently, the American Deputy Secretary of State described the S-400 missile deal between India and Russia as dangerous, expressed hope that the India and US could solve the issue amicably.

**Statement 1 is correct:** The CAATSA Act empowers the US President to impose sanctions against certain countries. The imposition of sanctions take place on countries that engage in a significant transaction with the Russian defence and intelligence sectors. The “ultimate goal” of CAATSA “is to prevent revenue to the Russian Government.

**Statement 2 is incorrect:** The US President could waive off the sanctions if:

- a. A Country is taking steps to reduce its dealings in terms of Russian weapons purchases or
- b. A Country has better cooperation with the US on other security matters that are critical to the US strategic interests or
- c. If the Russian weapons to the country do not significantly increase the risk to United States defence systems and operational capabilities.

**Source:** [What is “CAATSA” or Countering America’s Adversaries Through Sanctions Act?](#)

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**Q.3) Brasilia Declaration** was sometime seen in news. The declaration is related to which of the following sector?

- a) Protection of women rights.
- b) Freedom from poverty and Hunger.
- c) Road Safety.
- d) Net-Zero emission target.

**Correct Answer: C**

**Explanation:**

**United Nations Brasilia Declaration:** The declaration was adopted at the second global high-level conference on road safety held in Brazil in 2015. It lays down recommendations on strengthening existing legislations, adopting sustainable transport, strengthening the post-crash response, etc. **India** is a **signatory** to the Brasilia Declaration.

Source: [Road accidents can be reduced](#)

**Q.4)** With reference to **International Consortium of Investigative Journalists (ICIJ)**, consider the following statements?

- 1. It is a non-profit organization consisting of investigative reporters and media organizations around the globe.
- 2. They are responsible for the leak of Panama Papers, Pandora papers and Paradise Papers.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: c**

**Explanation**

**Both statements are correct.**

The International Consortium of Investigative Journalists (ICIJ), a non-profit organization based in **Washington**.

The International Consortium of Investigative Journalists is a global network of more than 280 investigative reporters from more than 100 countries who collaborate on in-depth investigative stories.

The ICIJ is also a partner with more than 100 media organisations, from the world's most renowned outlets, including the BBC, the New York Times, the Guardian, Indian Express from India, etc.

Over the years, ICIJ has released dozens of investigations – including the Panama Papers, Pandora papers, Paradise Papers, etc.

Source: [Pandora Papers and Illegal offshore investments from India – Explained, pointwise](#)

**Q.5)** With reference to the **Defence Technology and Trade Initiative**, consider the following statements:

- 1. It is an initiative between India and Israel.
- 2. It aims to strengthening India's defence industrial base, exploring new areas of technological development and expanding business ties.

**Which of the statements given above is/are correct?**

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- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: B**

**Explanation:**

In PM's recent US visit, both countries announced steps to deepen industrial cooperation, development of air-launched unmanned aerial vehicles under [Defence Technology and Trade Initiative](#).

**About the DTTI:**

**Statement 1 is incorrect:** The Defence Technologies and Trade Initiative (DTTI) mechanism was launched in 2012 between India and the US. It is not a treaty or a law.

**Statement 2 is correct:** It aims to include strengthening India's defence industrial base, exploring new areas of technological development and expanding U.S.-India business ties. The initiative is led by Undersecretary of Defence for Acquisition and Sustainment from the United States and Secretary for Defence Protection from India.

Source: [Modi visit to US has helped expand economic cooperation](#)

**Q.6) JIMEX**, is a joint bilateral exercise between India and which of the following country?

- a) Mexico
- b) Jordan
- c) Japan
- d) Malaysia

**Correct Answer C**

**Explanation:**

5th edition of India – Japan Maritime Bilateral Exercise, JIMEX, between the Indian Navy (IN) and the Japan Maritime Self-Defence Force (JMSDF), will be held in the **Arabian Sea** from 06 to 08 October 2021.

JIMEX-21 aims to develop a common understanding of operational procedures and enhance inter-operability through the conduct of a multitude of advanced exercises, across the entire spectrum of maritime operations.

Source: [PIB](#)

**Q.7) Multidimensional Poverty Index Report**, is released by which of the following organisation

- a) International Monetary Fund
- b) World bank
- c) United Nation Development Programme
- d) International Labor Organization

**Correct Answer: c**

**Explanation:**

· The report provides estimates on multidimensional poverty for 109 developing countries. Present multidimensional poverty estimates disaggregated by ethnicity and caste for 41 countries to identify who is – and how people are – being left behind. The intrahousehold

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analysis of poverty with a gender focus. It revealed how multidimensional poverty could amplify the impacts of COVID-19 shocks, hurting education, employment and livelihood.

**Q.8)** With reference to **Commission for the Conservation of Antarctic Marine Living Resources (CCAMLR)**, Consider the following statements:

1. The Commission manage Antarctic fisheries to preserve species diversity and stability of the entire Antarctic marine ecosystem.
2. India is not a member of the CCAMLR.
3. CCAMLR members will declare the Marine Protected Areas in Antarctic.

**Which of the statements given above is/are correct?**

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

**Correct Answer: C**

**Explanation**

**Statement 1 is correct:** CCAMLR is an international treaty to manage Antarctic fisheries to preserve species diversity and stability of the entire Antarctic marine ecosystem. It came into force in April 1982.

**Statement 2 is incorrect:** India has been a permanent member of the CCAMLR since 1986. Work pertaining to the CCAMLR is coordinated in India by the Ministry of Earth Sciences through its attached office, the Centre for Marine Living Resources and Ecology (CMLRE) in Kochi, Kerala.

**Statement 3 is correct:** Since 2009, CCAMLR members have developed proposals for MPAs for various regions of the Southern Ocean. CCAMLR's scientific committee examines these proposals. After CCAMLR members agree upon them, elaborate conservation measures will be set out by CCAMLR.

Source: [India extends support for protecting the Antarctic environment and for designating East Antarctica and the Weddell Sea as Marine Protected Areas \(MPAs\)](#)

**Q.9)** with reference to **UN Food System Summit**, consider the following statements:

1. It is the first ever food summit held in New York.
2. India is not a member of this summit.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Source: A**

**Explanation**

**Statement 1 is correct:** United Nations Food System Summit took place in New York. In this summit, leaders emphasized that there is a need to achieve the United Nations-mandated Sustainable Development Goals (SDG) by 2030 and address climate change in view of food production.

**Statement 2 is incorrect:** India is a member of this summit. India **constituted an inter-departmental group** with representatives from the Ministries of Agriculture and Farmers'



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Welfare, Rural Development, and other agencies. This group conducted national dialogues with various stakeholders of agri-food systems to explore national pathways towards creating sustainable and equitable food systems in India.

**Source:** [United Nations Food Systems Summit: Need to transform food systems](#)

**Q.10) State of the Education Report (SOER) for India: “No Teachers, No Class”** report is released by which of the following organization/body?

- a) NITI Aayog
- b) Department of School Education and Literacy
- c) United Nations Educational, Scientific and Cultural Organization (UNESCO)
- d) National Council of Educational Research and Training (NCERT)

**Correct Answer: C**

### **Explanation**

United Nations Educational, Scientific and Cultural Organization (UNESCO) has recently released its 2021 State of the Education Report (SOER) for India: “No Teachers, No Class”. It is an annual flagship report of UNESCO India. So far, two editions have been released in the past and this is the third edition of the State of Education Report.

The UNESCO analysed two data sets for the preparation of the report. These are the Unified District Information System for Education (UDISE+) 2018-19 round and the Periodic Labour Force Survey 2018-19.

Source: India’s school system faces acute shortage of teachers, says UNESCO report

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### Environment - BIO-DIVERSITY AND CONSERVATION – Conservation

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**Q.1)** With reference to **Flyways**, consider the following statements.

1. Geographically, 3 global flyways pass through India.
2. Bonn Convention is the only global convention specializing in the conservation of migratory species and their Flyways.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: C**

**Explanation**

**Both the statements are correct.**

A flyway is a geographical region within which a single or a group of migratory species completes its annual cycle – breeding, moulting, staging and non-breeding.

Central Asian Flyway (CAF), East Asian Australasian Flyway and Asian East African Flyway are the three flyways pass through India.

**Convention on Migratory Species (CMS) or the Bonn Convention:** It is an intergovernmental treaty, concluded under the aegis of UNEP. It was signed in 1979 in Bonn, Germany, and entered into force in 1983. It is the only global convention specializing in the conservation of migratory species, their habitats and migration routes.

Source: [Two day meeting of 30 range countries of Central Asian Flyway begins](#)

**Q.2)** With reference to **S-400 Triumph Missile**, consider the following statements:

1. It is a mobile, surface-to-air missile system (SAM) designed by Russia.
2. It can engage all types of aerial targets including aircraft, unmanned aerial vehicles (UAV) and ballistic and cruise missiles within the range of 400km.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: C**

**Explanation**

**Statement 1 is correct: S-400 Triumph Missile:** It is a mobile, surface-to-air missile system (SAM) designed by Russia.

**Statement 2 is correct:** It is capable of firing three types of missiles to create a layered defence. The system can engage all types of aerial targets including aircraft, unmanned aerial vehicles (UAV) and ballistic and cruise missiles within the range of 400km, at an altitude of up to 30km. It can track 100 airborne targets and engage six of them simultaneously.

Source: [U.S. expresses unease over S-400 deal](#)

**Q.3)** With reference to **Wetlands of India portal**, consider the following statements:

1. The project is commissioned under the International Climate Initiative (IKI).

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2. Registered citizens can opt to take the pledge to become wetland mitra.

**Which of the above statements is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: c**

**Explanation**

**Both statements are correct.**

- The portal is a dynamic system for processing information and making it available to the stakeholders in an efficient and accessible manner. The portal also hosts capacity building material, data repository, videos and information for students. Importantly, a dashboard for each State and UT has been developed to access the portal and populate it with information of wetlands in their administration.
- Currently citizens can register themselves and upload wetland related pictures across different themes. Importantly, registered citizens can opt to take the pledge to become wetland mitra and indicate their State/UT and areas of interest. This information would allow States and UTs to contact interested persons for various programs and initiatives.
- The portal has been developed under a Technical Cooperation project "Wetlands Management for Biodiversity and Climate Protection" (Wetlands Project) of Ministry of Environment, Forest and Climate Change (MoEFCC) in partnership with Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH. The project is commissioned by the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU) under the International Climate Initiative (IKI).

**Source:** [Article](#)

**Q.4) Mitra Shakti is a joint bilateral exercise between India and which other country?**

- a) Thailand
- b) Sri Lanka
- c) Nepal
- d) Malaysia

**Correct Answer: b**

**Explanation**

- Mitra Shakti exercise is a bilateral joint military exercise between armies of India and Sri Lanka.

**Source:** [Article](#)

**Q.5) With reference to Bonn convention, consider the following statements:**

- 1. It is the only global convention specializing in the conservation of migratory species.
- 2. Appendix I includes migratory species requiring international cooperation.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

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**Correct Answer: b**

**Explanation:**

- **Statement 1 is correct:** It is the only global convention specializing in the conservation of migratory species, their habitats and migration routes.
- **Statement 2 is incorrect:** Migratory species that need or would significantly benefit from international co-operation are listed in Appendix II of the Convention

**Source:** [Article](#)

**Q.6) With reference to PM MITRA parks, consider the following statements:**

1. Only greenfield sites will be chosen for setting up parks under the scheme.
2. Parks will be developed by a Special Purpose Vehicle which will be owned by State and central governments in a Public Private Partnership (PPP) Mode.

**Which of the statements given above is/are incorrect?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: a**

**Explanation**

- **Statement 1 is incorrect:** The Mega Integrated Textile Region and Apparel Parks (PM MITRA) (पीएम मित्र) will be setup at Greenfield / Brownfield sites located in different willing States.
- **Statement 2 is correct:** PM MITRA (पीएम मित्र) park will be developed by a Special Purpose Vehicle which will be owned by State Government and Government of India in a Public Private Partnership (PPP) Mode

**Source:** [Article](#)

## 10 PM Compilation for the Month of October (First Week), 2021

### Government Schemes and Initiatives-Legislations-Act

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**Q.1) With reference to Maternity Benefits Act 2017, consider the following statements:**

1. It covers women from both organized and unorganized sector.
2. It also provides 12 weeks paternity leave.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer D**

**Explanation**

**Statement 1 is incorrect:** The amended law covers only women in the organised work sector i.e only 1.8 million women, a small subset of women in the workforce. It ignores roughly 90% of the Indian women who are employed in the unorganised sector i.e shops, small service providers and cottage industries, in households as domestic helps etc.

**Statement 2 is incorrect:** The bill does not have any provisions for paternity leave.

**Source:** [The motherhood penalty employers must eliminate](#)

**Q.2) With reference to Aadhar Enabled Payment System (AePS) , consider the following statements:**

1. It allows online interoperable financial inclusion transactions at Point of Sale.
2. AePS is developed by National Payment Corporation of India.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer C**

**Explanation**

**Statement 1 is correct:** It is a bank-led model which allows online interoperable financial inclusion transactions at Point of Sale (Micro ATM) through the **Business correspondent (BC)** (informal bank agent) of any bank using the Aadhaar authentication.

**Statement 2 is correct:** AEPS is developed by the **National payment corporation of India (NPCI)**. It allows easy access to basic financial services through a micro ATM by just entering your Aadhaar pin and verifying it with your fingerprint.

**Source:** [How loopholes in Aadhaar-enabled payments are putting poor people at risk of being swindled](#)

**Q.3) With reference to Good Samaritan Law, consider the following statements:**

1. Under this law, protection will be provided to individuals who voluntarily disclose their black money.
2. It is launched by Ministry of Finance.

**Which of the statements given above is/are correct?**

- a) 1 only



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- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer D**

### **Explanation**

**Statement 1 is incorrect:** A Good Samaritan is a person who voluntarily comes forward to administer emergency care to a person injured in an accident, or crash, or emergency medical condition, or emergency situation. He does this help without expecting anything, financial or otherwise, in return. Good Samaritan Law protects Good Samaritans from harassment on the actions being taken by them to save the life of the road accident victims.

**Statement 2 is incorrect:** It is under Union Ministry of Road Transport and Highways (MoRTH)

**Q.4)** With reference to **National Aquifer and Management Programme**, consider the following statements:

1. It is to identify and map aquifers at the micro level to quantify the available groundwater resources.
2. This is the initiative launched under Ministry of Earth Sciences.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer A**

### **Explanation**

**Statement 1 is correct:** National Aquifer Mapping and Management Programme (NAQUIM) was launched in 2012 by the Ministry of Water Resources (now Ministry of Jal Shakti). The programme aims to identify and map aquifers at the micro level to quantify the available groundwater resources.

**Statement 2 is incorrect:** The National Aquifer Mapping and Management program (NAQUIM) is being implemented by the **Central Ground Water Board (CGWB)**. It is a subordinate office of the **Ministry of Water Resources** and is the **National Apex Agency** entrusted with the responsibilities of providing scientific inputs for management, exploration, monitoring, assessment, augmentation and regulation of groundwater resources of the country.

**Source:** [Article](#)

**Q.5)** **K.S. Valdiya committee** was sometime seen in news. The committee is formed to study which of the following?

- a) To study the floods in North-Eastern India and suggest measures.
- b) To study the impact of climate change in Agriculture.
- c) To study the Glacial Lake Outburst Floods in Himalayan Region.
- d) To study the paleochannels in North-West India.



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**Correct Answer: D**

**Explanation:**

The **erstwhile Ministry of Water Resources** had constituted a seven-member committee, headed by Professor **K.S. Valdiya** to understand the paleochannels in North-West India. The committee submitted its report in 2016. The major findings were

**First**, The banks of one of the misfit rivers, the Ghaggar-Hakra-Saraswati-Drishadvati, are associated with the multiplicity of paleochannels.

**Second**, evidence from paleochannels suggests that the mythological Saraswati River did indeed exist. River Saraswati originated from Adibadri in Himalaya to culminate in the Arabian Sea through the Runn of Kutch. It was approximately 4000 km in length.

Source: [Shri Gajendra Singh Shekhawat & Dr. Jitendra Singh To Jointly Inaugurate Heli-Borne Survey For Ground Water Management In Arid Regions](#)

**Q.8)** With reference to **Project Insight**, consider the following statements:

1. The project will monitor high value transactions and detect tax evaders using technology with a view to curbing circulation of black money.
2. Central Bureau of Investigation (CBI) is implementing the project.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: A**

**Explanation:**

**Statement 1 is correct:** The project will monitor high value transactions and detect tax evaders using technology with a view to curbing circulation of black money.

**Statement 2 is incorrect:** The income tax department is implementing 'Project Insight'.

Source: [Pandora Papers and Illegal offshore investments from India – Explained, pointwise](#)

**Q.9)** With reference to Malaria Elimination Research Alliance-India, consider the following statements:

1. It has been initiated by Ministry of Health and Family Welfare.
2. One of its aims is to eliminate malaria nationally by 2025.

Which of the statements given above is/are correct?

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: d**

**Explanation:**

Both statements are incorrect.

· It was launched by the Indian Council of Medical Research (ICMR).

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· It is a conglomeration of partners working on malaria control. The aim is to harness and reinforce research in a coordinated way in order to achieve a tangible impact on malaria elimination. Source: Article

**Q.10)** With reference to **People's Plan Campaign**, consider the following statements:

1. The Campaign will help the people to frame public plan for citizen centric governance plans.
2. The campaign is launched by the ministry of Panchayati Raj and Rural Development.

**Which of the statements given above is/are incorrect?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: A**

**Explanation:**

**Statement 1 is incorrect:** The campaign will help Gram Panchayats(GPs) in the preparation of a convergent and holistic Gram Panchayat Development Plan(GPDP) through the identification of sectoral infrastructural gaps in respective areas.

**Statement 2 is correct:** The campaign is launched by the ministry of Panchayati Raj and Rural Development.

**Q.11)** With reference to **PM CARE fund**, consider the following statements:

1. PM CARES fund is under the operative control of PMO.
2. It is a fund of government of India created under the Disaster Management Act.

**Which of the above statements is/are incorrect?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer B**

**Explanation:**

**Statement 1 is correct:** It is declared as a public charitable trust. The trust is neither owned nor controlled by the central government or any of the State governments. But the Prime Minister is the Chairperson of the Board of Trustees in PM CARES.

**Statement 2 is incorrect:** PM CARES has not been established under any statute or notification, so it does not come under the definition of public authority under RTI.

**Source:** <https://blog.forumias.com/the-fund-without-a-care-for-the-rti/>

**Q.12)** With reference to **Indian Xports 2021 portal**, consider the following statements:

1. The initiative aims to support the growth of MSMEs exports by providing free of cost information and knowledge to MSMEs.
2. Government has a target to increase MSME exports by 200% in 2021.

**Which of the above statements is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2

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d) Neither 1 nor 2

### **Correct Answer A**

#### **Explanation**

**Statement 1 is correct:** The initiative aims to support the growth of MSMEs exports by providing **free of cost information and knowledge to MSMEs** on the untapped export potential in existing tariff lines.

The initiative features an Info Portal which serves as a knowledge base for exports by Indian MSMEs. The portal has information related to the export potential for all the 456 tariff lines along with the potential markets as well as trends in exports, export procedures and lots more.

**Statement 2 is incorrect:** Government has a target to increase MSME exports by 50% in 2022.

Source: <https://blog.forumias.com/msme-minister-launches-india-export-initiative-and-indiaexports-2021-portal/>

**Q.13)** With reference to **Renewable Energy Certificate**, consider the following statements:

1. It is a market-based instrument to promote renewable energy and facilitate the compliance of renewable purchase obligations (RPO).
2. REC mechanism prohibits traders and any kind of bilateral transactions.

**Which of the above statements is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

### **Correct Answer A**

#### **Explanation**

**Statement 1 is correct:** The Renewable Energy Certificate (REC) mechanism is a market-based instrument to promote renewable energy and facilitate the compliance of **renewable purchase obligations** (RPO). It is aimed at addressing the mismatch between the availability of RE resources in the state and the requirement of the obligated entities to meet the renewable purchase obligation (RPO).

**Statement 2 is incorrect:** REC mechanism allows traders and bilateral transactions.

**Source:** <https://blog.forumias.com/ministry-of-power-redesigns-renewable-energy-certificate-rec-mechanism/>

**Q.14)** With reference to **Project Insight**, consider the following statements:

1. It is a project launched by Union Home Ministry to monitor high value transactions and detect tax evaders.
2. It will use data mining, big data analytics to identify tax evaders from social media platforms.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only

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- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: b**

**Explanation:**

- Statement 1 is incorrect: Project has been launched by Union Finance Ministry
- Statement 2 is correct

**Source:** [Article](#)

**Q.15)** With reference to **Kamdhenu Deepawali 2021 campaign**, consider the following statements:

1. It will provide financial benefits to the green cracker industries.
2. This scheme is launched by Ministry of Fisheries, Animal Husbandry & Dairying.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: B**

**Explanation:**

**Statement 1 is incorrect:** Kamdhenu Deepawali campaign is to make cows to be economically useful by proper economical use of Cow Dung and Cow Urine too along with its Milk, Curd, Ghee. The campaign was launched to manufacture and market more than 100 Crore Cow dung-based products, such as Deepak lamps and Laxmi-Ganesh Idols.

**Statement 2 is correct:** Ministry of Fisheries, Animal Husbandry & Dairying has launched a Kamdhenu Deepawali campaign to promote Cow Entrepreneurship and Cow based Panchgavya products.

**Source:** [Kamdhenu Deepawali 2021 campaign launched](#)

**Q.16)** With reference to **State Nutrition Profile**, consider the following statements:

1. It gives insights on nutrition outcomes, immediate and underlying determinants and intervention based on National Family Health Survey 3, 4 and 5.
2. It is launched by Ministry of Health and Family Welfare.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: A**

**Explanation**

**Statement 1 is correct:** The SNPs give insights on nutrition outcomes, immediate and underlying determinants and interventions based on National Family Health Survey (NFHS) rounds 3, 4 and 5. The SNPs include a comprehensive compilation of crucial data that can positively affect policy decisions and facilitate research in the area.

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They contain the trend analysis of key indicators such as wasting, stunting, anemia, underweight and overweight and NCDs (Diabetes and High blood pressure) showcase the variability of performance across districts.

**Statement 2 is incorrect:** NITI Aayog, in a joint effort with International Food Policy Research Institute (IFPRI), the Indian Institute of Population Sciences (IIPS), UNICEF and the Institute of Economic Growth (IEG) has launched 'The State Nutrition Profiles' for 19 States and Union Territories.

### **MODERN HISTORY – PERSONALITIES**

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**Q.1)** Consider the following statements:

1. He galvanised support for the Bhodan movement.
2. Popularly he was known as 'Lok Nayak'.
3. He set up the Azaad Dasta in the Terai region of Nepal to resist British rule.

Which famous Indian national leader is being referred to in the statements given above?

- a) Jawaharlal Nehru
- b) JP Narayan
- c) Sardar Patel
- d) Lal Bahadur Shastri

**Correct Answer: b**

**Explanation:**

The leader being referred to in this question is JP Narayan. Source: Article

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Polity and Governance - GOVERNANCE AND ITS LEGISLATIONS, INITIATIVES - Legislations

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**Q.1) With reference to a trust, consider the following statements:**

1. A trust is not a separate legal entity, but its legal nature comes from the trustee.
2. Offshore trusts are illegal under the Indian Trusts Act, 1882.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: a**

**Explanation**

- **Statement 1 is correct:** A trust is not a separate legal entity, but its legal nature comes from the 'trustee'. At times, the 'settlor' appoints a 'protector', who has the powers to supervise the trustee, and even remove the trustee and appoint a new one.
- **Statement 2 is incorrect:** The Indian Trusts Act, 1882, gives legal basis to the concept of trusts. While Indian laws do not see trusts as a legal person/ entity, they do recognise the trust as an obligation of the trustee to manage and use the assets settled in the trust for the benefit of 'beneficiaries'. India also recognizes offshore trusts i.e., trusts set up in other tax jurisdictions.

**Source:** [Article](#)



## 10 PM Compilation for the Month of October (First Week), 2021

### ANCIENT HISTORY

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**Q.1) With reference to Vidhaata as mentioned in Rig Veda, consider the following statements:....**

1. It was an assembly of people for debating policy and military matters.
2. Both women and men took part in the deliberations of Vidhaata.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: c**

**Explanation**

**Both statements are correct.**

- The “vidhaata”, or the assembly of people for debating policy, military matters and important issues impacting all, has been mentioned more than a hundred times in the Rig Veda. Both women and men took part in these deliberations, a far cry from the Greeks who did not admit women (or slaves) as full citizens of their “democracies”.

**Source:** [Article](#)

## 10 PM Compilation for the Month of October (First Week), 2021

### MISCELANEOUS

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**Q.1) Hemchandra's numbers sometimes seen in news are associated with?....**

- a) Fermat's theorem
- b) Fibonacci series
- c) Pythagoras theorem
- d) Golden Ratio

**Correct Answer: b**

**Explanation**

- Fibonacci numbers is also referred to as Pingala's numbers or Hemachandra's numbers.

**Source:** [Article](#)

## 10 PM Compilation for the Month of October (First Week), 2021

### Medieval History - THE MUGHAL EMPIRE - Political

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**Q.1)** With reference to **Battle of Saraighat**, consider the following statements:

1. The Battle was fought between the Mughal Empire and the Maratha Kingdom.
2. Mughal Army was defeated in the battle by guerrilla tactics, clever diplomatic negotiations to buy time, military intelligence and by exploiting the weakness of Mughal Navy.

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: B**

**Explanation**

**Statement 1 is incorrect:** The Battle of Saraighat was the last major attempt by the Mughals to extend their empire into Assam. The Battle was fought in 1671 between the Mughal Empire, led by Raja Ram Singh I and the Ahom Kingdom, led by Lachit Borphukan.

**Statement 2 is correct:** The Ahom army defeated the Mughal Army by brilliant uses of the terrain, guerrilla tactics, clever diplomatic negotiations to buy time, military intelligence and by exploiting the sole weakness of the Mughal forces—its navy.

Battle of Saraighat is regarded as the “**greatest naval battle ever fought in a river**”.

Source: [British-era bungalow is home to Brahmaputra heritage centre](#)

## 10 PM Compilation for the Month of October (First Week), 2021

### Schemes and Programs- Programs - Missions

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Q.1) With reference to **Swachh Bharat Mission-Urban 2.0**, Consider the following statements:

1. The aim of 'Swachh Bharat Mission-Urban 2.0' is to "make the cities completely free of garbage".
2. The mission will be implemented by the Ministry of Housing and Urban Affairs (MoHUA).

**Which of the statements given above is/are correct?**

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) Neither 1 nor 2

**Correct Answer: C**

#### **Explanation**

**Statement 1 is correct:** The mission would be implemented over five years — from 2021 to 2026. The focus of SBM-U 2.0 will be on sustaining the sanitation and solid waste management outcomes achieved and accelerate the momentum generated, thus taking Urban India to the next level of 'Swachhata'.

The aim of 'Swachh Bharat Mission-Urban 2.0' is to "make the cities completely free of garbage".

**Statement 2 is correct:** The mission will be implemented by the Ministry of Housing and Urban Affairs (MoHUA).

Source: [PM launches Swachh Bharat Mission-Urban 2.0 and AMRUT 2.0](#)

Q.2) With reference to **Clean India Programme**, consider the following statements:

1. The programme will be organised only in urban areas.
2. The aim of the programme is to ensure their involvement in cleaning waste mainly Single-Use Plastic waste.
3. Department of Youth Affairs is organizing the programme from 1st October 2021 to 31st October 2021.

**Which of the statements given above is/are correct?**

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

**Correct Answer: B**

#### **Explanation**

**Statement 1 is incorrect:** The programme will be the largest cleanliness drive in the world. The programme will be organised in 6 Lakh villages of 744 Districts across the country through the networks of Nehru Yuva Kendra Sangathan (NYKS) affiliated Youth Clubs & National Service Scheme affiliated Institutions.

**Statement 2 is correct:** The aim of the programme is to create awareness, mobilize people and ensure their involvement in cleaning waste mainly Single-Use Plastic waste throughout the country.

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**Statement 3 is correct:** Department of Youth Affairs of the Ministry of Youth Affairs and Sports in commemoration of Azadi Ka Amrit Mahotsava is organizing a nationwide Clean India Programme from 1st October 2021 to 31st October 2021.

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