

## *10 PM Current Affairs Quiz Compilation*

11 Oct to 16 Oct, 2021

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

### SCIENCE AND TECHNOLOGY

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**Q.1) With reference to Indian Space Association (ISpA), consider the following statements:**

1. It is the premier Industry association of both space and satellite companies.
2. ISRO is one of its founding members.

**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
- Statement 2 is incorrect: ISRO is not the founding member of ISpA.

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

**Q.2) With reference to the Nobel Prize 2021, consider the following statements:**

1. For the first time in history, climate scientists have won Nobel Prize this year.
2. This year, the Nobel Prize for Chemistry is awarded for the development of asymmetric Organo catalysis.
3. Nobel prize in medicine has been awarded for the discoveries of receptors for temperature and touch.

**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:** For the first time in history, climate scientists have won Nobel Prize for Physics this year.

Paul Crutzen won Nobel Prize in Chemistry in 1995, for his work on the ozone layer. He is the first climate scientist to receive Nobel Prize.

**Note:** The Intergovernmental Panel on Climate Change (IPCC) had won the Peace Nobel in 2007, an acknowledgement of its efforts in creating awareness for the fight against climate change.

**Statement 2 is correct:** This year, the Nobel Prize for Chemistry is awarded for the development of asymmetric organocatalysis.

**Statement 3 is correct:** Nobel prize in the medicine has been awarded for the discoveries of receptors for temperature and touch.

Sources:

- [Explained: Nobel Prize in Medicine 2021](#)
- [Nobel Prize for Physics Goes to 3 for Climate Discoveries](#)
- [Nobel Prize in Chemistry 2021](#)

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**Q.3)** VYZOV was sometime seen in news. Which of the following explains the term?

- It is the first space craft to reach close to Sun.
- It is the new Russian missile have a range of covering entire countries in Southern Hemisphere.
- It is part of Antarctic Ice sheet which started melting recently.
- It is the first feature-length fiction film shot in outer space.

**Correct Answer: D**

**Explanation:**

Vyzov is the first feature-length fiction film shot in outer space shot by Russia. An Actor travelled to International Space Station (ISS) in a Soyuz MS-19 aircraft to film about 35 to 40 minutes of footage from the movie. The film is about a cosmonaut who loses consciousness after being hit by space debris in the middle of a spaceflight.

**Source:** [Indian Express](#)

**Q.4) With reference to Recirculatory Aquaculture System (RAS) Technology, consider the following statements:**

- This method is used for high- density culture of various species of fish, utilizing minimum land area and water.
- The capital cost of starting a RAS is much lower as compared to traditional ponds and raceways.
- RAS requires a constant uninterrupted power supply.

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

- 1 and 2 only
- 2 and 3 only
- 1 and 3 only
- 1, 2 and 3

**Correct Answer: C**

**Explanation**

- Statement 1 is correct:** This method is used for high- density culture of various species of fish, utilizing minimum land area and water. Under the Recirculatory Aquaculture System (RAS) technology, water is recycled and reused after mechanical and biological filtration and removal of suspended matter and metabolites.
- Statement 2 is incorrect:** The capital cost of starting a recirculating aquaculture system is high as compared to ponds and raceways.
- Statement 3 is correct:** A constant uninterrupted power supply is required if electric power fails, then a backup of electricity is required.

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

**Q.5) Which of the following is a feature of the 6G technology?**

- Energy efficiency
- Microsecond latency
- Experiential networking

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

- 1 and 2 only
- 2 and 3 only

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

**Correct Answer: D**

- All are the features of the 6G technology.

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

**Q.6)** With reference to **Quantum Key Distribution technology**, consider the following statements:

1. It is a secure communication technique that uses quantum properties of photons to encrypt secret keys.
2. The data encryption relies on mathematics.

**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:** Quantum Key Distribution (QKD) is a secure communication technique that uses quantum properties of photons, the elementary particles of light, to encrypt secret keys that can be shared by two parties to protect their communications.

**Statement 2 is incorrect:** Typical encryption relies on traditional mathematics, and while for now, it is more or less adequate and safe from hacking. But, the QKD uses physics to encrypt data.

**Source:** [Telecom secretary asks C-DoT to work on 6G, launches Quantum Communication Lab](#)

**Q.7)** With reference to **TB**, consider the following statements:

1. It is a viral disease, impacting mostly the lungs of patient.
2. Nikshay is a digital platform, to manage and monitor information of TB patients.

**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:** TB is caused by **bacteria** (Mycobacterium tuberculosis) that most often affect the lungs. It spreads from person to person through the air. When people with TB cough, sneeze or spit, they propel the TB germs into the air.

**Statement 2 is correct:** Ministry of Health & Family Welfare launched the NIKSHAY platform. It covers various aspects of controlling TB using technological innovations. Apart from web-based technology, SMS services have been used effectively for communication with patients and monitoring the programme on day-to-day basis.

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

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

### **INTERNATIONAL RELATIONS – DEFENSE EXERCISES - MARITIME**

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**Q.1) Which of the following countries participate in the multilateral maritime defense exercise Malabar along with India?**

1. Japan
2. Australia
3. USA

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

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

**Correct Answer: d**

**Explanation**

- Malabar is held between Japan Maritime Self Defence Force (JMSDF), Royal Australian Navy (RAN) and the United States Navy (USN).

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

**Q.2) With reference to High Ambition Coalition, consider the following statements:**

1. It aims to promote an international agreement to protect at least 30 % of the of world's land and ocean by 2030 (30×30 target).
2. India is the first BRICS country to join the High Ambition Coalition.

**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 High Ambition Coalition for Nature and People was initiated at the “One Planet Summit” in Paris in January 2021. The coalition **aims** to promote an international agreement **to protect at least 30 % of the of world's land and ocean by 2030** (30×30 target).

**Statement 2 is correct:** At present, the group has more than 70 countries encouraging the adoption of the global goal to protect 30×30. The members of HAC currently include a mix of countries in the global north and south. These include European, Latin American, Africa and Asia countries are among the members.

**India** is the first BRICS country to join the HAC.

**Source:** [India Joins High Ambition Coalition \(HAC\) for Nature and People](#)

**Q.3) With reference to E-2025 Initiative, consider the following statements:**

1. It is a consortium of 110 companies globally.
2. These companies have pledged to become completely reliant on electric vehicles for operational needs by the year 2025.

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**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 the statements are incorrect. (Both the statements were about EV-100 initiative not E-2025 initiative)**

The E-2020 initiative was launched by WHO in 2017. Building on the successes of the E-2020, WHO has launched the E-2025 initiative. As part of this initiative, WHO has identified 25 countries that have the potential to eliminate malaria within a 5-year timeline.

Source: [Malaria Vaccine and India's Malaria burden - Explained, pointwise](#)

**Q.4) Tiger Triumph is a tri-service military exercise between India and which other country?**

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

**Correct Answer: A**

**Explanation**

- **Tiger Triumph-** It is a tri-service military exercise between India and the US.

Source: [Article](#)

**Q.5) With reference to Global Minimum Corporate Tax, consider the following statements:**

1. It will cover firms with global sales above 20 bn Euros (\$23 billion) and profit margins above 10%.
2. Recently 136 countries agreed to enforce a pact to impose a minimum corporate tax rate of 15%. India is yet to join this group.

**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:** It will cover firms with global sales above 20 bn Euros (\$23 billion) and profit margins above 10%. A quarter of any profits above 10% is proposed to be reallocated to the countries where they were earned and taxed there.

**Statement 2 is incorrect:** India with another 135 countries agreed to enforce a pact to impose a minimum corporate tax rate of 15%, and an equitable system of taxing profits of big companies in markets where they are earned. Kenya, Nigeria, Pakistan and Sri Lanka have not yet joined the deal.

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**Source:** [Taxing big tech where it earn profits](#)

**Q.6) With reference to Conference on Interaction and Confidence-Building Measures (CICA), consider the following statements:**

1. To be a member of CICA, a state must have at least a part of its territory in Asia.
2. The idea of convening CICA was first proposed by 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: A**

**Explanation:**

- **Statement 1 is correct**
- **Statement 2 is incorrect:** The idea was first proposed by the 1<sup>st</sup> President of Republic of Kazakhstan in 1992 at th 47<sup>th</sup> session of UN General Assembly.

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

**Q.7) Green Grids-One Sun One World One Grid initiative** will be launched by India and which of the following country?

- a) The USA
- b) France
- c) Japan
- d) The UK

**Correct Answer: D**

**Explanation:**

In May 2021, the United Kingdom and India have agreed to jointly launch the Green Grids-One Sun One World One Grid initiative at the COP26 summit being hosted by the UK at Glasgow in November 2021. The concept of OSOWOG is what the UK has called a green grid.

Source: [Green Grids Initiative-One Sun One World One Grid Northwest Europe Cooperative Event](#)

**Q.8) World Energy Outlook** report is released by which of the following organisation?

- a) World Energy Council
- b) International Energy Forum
- c) International Energy Agency
- d) International Renewable Energy Agency

**Correct Answer: C**

**Explanation**

The International Energy Agency (IEA) has published its World Energy Outlook 2021 (WEO) report. The goal of the report is to assess progress made by countries on their clean energy transitions ahead of the 26th Conference of Parties meeting in Glasgow next month.

Investment in Clean Energy: The report mentioned that to achieve the Paris Agreement's 1.5-degree goal, investments in clean energy must reach \$4 trillion by 2030, 70% of which will focus on developing countries.

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Source: [Global energy transition too slow, needs a 'low emissions revolution': IEA](#)

**Q.9)** With reference to **Global Climate Risk Index**, consider the following statements:

1. It is launched by international environment think tank **Germanwatch**.
2. It analyzes the extent to which a country has been impacted by weather-related loss events.

**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**

**About Global Climate Index 2021: German watch, the Germany-based think tank, released the Global Climate Risk Index,2021.**

- **Data Sources:** The index is prepared based on the data from the **Munich Re NatCatSERVICE11**. The data is identified as one of the most reliable and complete databases worldwide, on this matter. Other than that, It also uses **Socio-Economic data from the International Monetary Fund (IMF)**.
- **Functions:** It analyses quantified impacts of extreme weather events. This analysis is presented **both in terms of fatalities and economic losses**, due to extreme weather events.
- **India:** ranked at 7th Position in Climate Risk Index 2021. It means India is the 7th **worst-hit country** by extreme weathers. In 2020, India ranked 5th on the index.

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



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### ECONOMY

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

1. It is a joint initiative of Facebook and Ministry of Skill development and Entrepreneurship.
2. The program intends to upskill and empower tribal youths over the course of next five years to harness the full potential of digital platforms and tools.

**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:** It is a joint initiative of Ministry of Tribal Affairs (MoTA) and Facebook.
- **Statement 2 is correct**

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

**Q.2) With reference to I-Sprint 2021, consider the following statements:**

1. I-Sprint21, the global FinTech Hackathon Series launched by International Financial Service Authority.
2. This sprint is focussed on bringing improvements in the sports sector..

**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:** I-Sprint21, the global FinTech Hackathon Series of IFSCA was launched recently, where the first Sprint of the series “**Sprint01: BankTech**” is focussed on FinTechs for the Banking sector.

**Statement 2 is incorrect:** it is for the Banking sector.

**Source:** [Launch of I-Sprint'21: IFSCA's Global FinTech Hackathon Series Sprint01: BankTech](#)

**Q.3) With reference to Sandalwood, consider the following statements:**

1. India contributes majority of Sandalwood trade in the world.
2. Sandalwood has anti-bacterial, anti-biotic & anti-cancer properties.

**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:**

Recently, Union Minister of Rural Development & Panchayati Raj inaugurated a training program on Sandalwood Farming & Management of its health in association with the Institute of Wood Science & Technology (IWST), Bengaluru. The program is structured around the basics & benefits of Indian sandalwood, seed handling, nursery techniques & managing the health of the plant.

**Statement 1 is correct:** Globally, India & Australia are the largest growers of sandalwood, while the biggest markets lie in the United States, China, Japan & the Indian domestic market.

Sandalwood has been long associated with the Indian heritage & culture, as the country contributed 85% of the world's sandalwood trade erstwhile. However, off late this has been declining at a fast rate.

**Statement 2 is correct:** With anti-bacterial, anti-biotic & anti-cancer benefits amongst others, sandalwood finds its uses in pharmaceuticals, personal care & furnitures.

Source: [PIB](#)

**Q.4)** With reference to India, consider the following statements:

1. Income taxpayers are the main funder of government.
2. At present, India has an official taxpayer's union.

**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:** Presently, less than one-third of the combined spending of state and central governments in India is raised through income tax. At present, taxes on commodities meet more than half the expenditure of the government.

**Statement 2 is incorrect:** At present, India does not have an official taxpayers union. Recently, the idea has been floated by an income tax officer to have a "taxpayers union".

Source: [Freebies, handouts and other myths loved by income taxpayers](#)

**Q.5)** With reference to **PM Gati Shakti**, consider the following statements:

1. Gati Shakti is a digital platform.
2. The plan will bring all Ministries including Railways and Roadways together.
3. The Gati Shakti scheme will subsume the Rs 110 lakh crore National Infrastructure Pipeline that was launched in 2019.

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

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

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**Correct Answer: C**

**Explanation**

Prime Minister has launched the Gati Shakti – National Master Plan for Multi-modal Connectivity.

**Statement 1 is correct:** Gati Shakti is a digital platform.

**Statement 2 is incorrect:** The Plan will bring 16 Ministries including Railways and Roadways together for integrated planning and coordinated implementation of infrastructure connectivity projects.

**Statement 3 is correct:** The Gati Shakti scheme will subsume the Rs 110 lakh crore National Infrastructure Pipeline that was launched in 2019.

Source: [PM launches Gati Shakti- National Master Plan for infrastructure development](#)

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### GEOGRAPHY

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

1. An increase in humidity will worsen the impact of a heat wave.
2. India does not recognize heat wave as a disaster under the Disaster Management Act.

**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 presence of humidity in the environment prevents the thermoregulatory mechanism of evaporative cooling of the body through the process of perspiration, which can cause heat stress thus exacerbating the impact of a heat wave.
- The Indian government does not recognize heat waves as potential threat to human lives. The National Disaster Management Act and the National Policy on Disaster Management do not include heat wave fatalities in their list of natural calamities and so no budgetary allocation is made to address the problem.

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

**Q.2) Nepheline Syenite sometimes seen in news is a?**

- a) Deep sea fish
- b) A unique rock
- c) Near Earth object
- d) Greek monument

**Correct Answer: B**

**Explanation**

- It is a holocrystalline plutonic rock that consists largely of nepheline and alkali feldspar.

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

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### ENVIRONMENT

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

1. The species is limited to Eastern and Western Ghats in India.
2. It is listed as Schedule II species under the Wildlife (Protection) Act, 1972

**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 dhole or Asiatic Wild Dog (*Cuon alpinus*) is found in three clusters across India namely the Western and Eastern Ghats, central Indian landscape and North East India.
- **Statement 2 is correct:** It is a Schedule II species under the Wildlife (Protection) Act, 1972.

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

**Q.2) With reference to Current Emissions, consider the following statements:**

1. China has the highest per capita emissions, followed by India.
2. India ranked third in total Greenhouse emissions 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: B**

**Explanation:**

**Statement 1 is incorrect:** Per capita emissions: US has the highest per capita emissions (15.24 Tonnes), followed by Russia (11.12 Tonnes). India's per capita emissions is just 1.8 Tonnes, significantly lower than the world average of 4.4 Tonnes per capita.

**Statement 2 is correct:** According to the Global Carbon Atlas, India ranks third in total greenhouse gas emissions by emitting annually around 2.6 billion tonnes (Bt) CO<sub>2</sub>eq. China and US are in top positions in this case.

**Source:** [India needs a carbon policy for agriculture](#)

**Q.3) *Platyomia kohimaensis*, *Chremistica ribhoi* sometimes seen in news are a species belonging to which of the following categories?**

- a) Insects
- b) Birds
- c) Reptiles
- d) Fish

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**Correct Answer: A**

- These are Cicadas, which are hemipteran insects known for their loud, complex and species-specific acoustic signals or songs.

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

**Q.4) With reference to Cicadas, consider the following statements:**

1. They act as an indicator of a healthy ecosystem.
2. They are known for their loud, complex and species-specific acoustic signals or songs.

**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.**

- Cicadas are **hemipteran insects**. They are known for their loud, complex and species-specific acoustic signals or songs.
- **Habitat:** Most cicadas are canopy dwellers and are **found in natural forests with large trees**. They act as **indicators of a healthy forest ecosystem**. They occur more in areas around undisturbed bamboo groves.

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

**Q.5) Kunming Declaration**, in news, is related to which of the following:

- a) Biodiversity Conversation
- b) Climate Change
- c) Cyber Security
- d) Disaster Reduction

**Correct Answer A**

**Explanation:**

**Statement a is correct:** The document calls on parties to focus biodiversity protection in decision-making and recognize the importance of conservation in protecting human health.

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

**Q.6) With reference to flower scorpionfish**, consider the following statements:

1. It belongs to the order of ray-finned fish that is also known as Scorpaeniforme.
2. This fish species is found only in the Pacific Ocean.

**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: A**

**Explanation:**

Researchers have discovered a unique, lesser-known fish species named Hoplosebastes Armatus in the Indian Ocean. This fish species was till now thought to be found only in the Pacific Ocean.

**Statement 1 is correct:** Hoplosebastes Armatus is also known as the flower scorpionfish. It belongs to the order of ray-finned fish that is also known as Scorpaeniforme.

**Statement 2 is incorrect:** This fish was first discovered in the Pacific Ocean off Japan almost a century ago in 1929. The species has now been found in the Indian Ocean in Digha, West Bengal and Paradip in Odisha.

Source: [Fish species found only in the Pacific, discovered in the Bay of Bengal](#)

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

### Government Schemes and initiatives-Organization, missions and initiatives - Initiatives

**Q.1) Gati Shakti Plan** , in news, is related to which of the following sector:

- a) Infrastructure
- b) Education
- c) Health
- d) Sports

**Correct Answer A**

**Explanation**

**Statement a is correct:** PM Gati Shakti Master Plan is a 100 lakh crore national infrastructure master plan. It aims to make a foundation for holistic infrastructure and give an integrated pathway to our economy.

Source: [Business Standard](#)

**Q.2) With reference to Palk Bay Scheme, consider the following statements:**

1. It is a centrally sponsored scheme.
2. It is a scheme specific to only Tamil Nadu.

**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.**

- Palk Bay Scheme is also known as Scheme for Diversification Of Trawl Fishing Boats From Palk Straits Into Deep Sea Fishing Boats. The scheme was launched by the Government of India in 2017 as a Centrally sponsored scheme.
- It is a Tamil Nadu-specific scheme aimed at providing 2,000 vessels in three years to fishermen of the State and motivating them to abandon bottom trawling.

Source: [Article](#)

**Q.3) Green Ribbon Initiative** was seen in news recently. The initiative is launched for which of the following?

- a) The initiative aims to improve the adoption of green technologies in construction sector.
- b) The initiative aims to protect the forest cover all over the world.
- c) The initiative intends to convert all conventional vehicles into electric ones within a decade.
- d) The initiative intends to raise awareness on Mental Health as part of the activities being taken up during the Mental Health Awareness Week.

**Correct Answer: D**

**Explanation:**

To commemorate World Mental Health Day, the Ministry of Health launched a Green Ribbon Initiative. The initiative intends to raise awareness on Mental Health as part of the activities being taken up during ongoing Mental Health Awareness Week, 5th-10th October.



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Source: [All India Radio](#)

**Q.4)** With reference to **Green Grid Initiative- One Sun One World One Grid**', consider the following statements:

1. It aims to build global consensus about sharing solar resources.
2. It is launched by Ministry of Power and New and Renewable Energy (MNRE).

**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 plan focuses on a framework for facilitating global cooperation, building a global ecosystem of interconnected renewable energy resources (mainly solar energy) that can be seamlessly shared.

**Statement 2 is correct:** It is launched by MNRE.

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

**Q.5) Climate Resilience Information System and Planning (CRISP-M)** tool is related to which of the following scheme/program?

- a) Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS)
- b) Swachh Bharat Mission-Urban 2.0
- c) Atal Mission for Rejuvenation and Urban Transformation 2.0.
- d) Jal Jeevan Mission

**Correct Answer: A**

**Explanation**

Union Minister of Rural Development & Panchayati Raj has recently launched a Climate Resilience Information System and Planning (CRISP-M) tool for integration of climate information in Geographic Information System (GIS) based watershed planning under Mahatma Gandhi NREGA.

The CRISP-M tool will help embed climate information in the GIS based planning and implementation of Mahatma Gandhi NREGS.

Source: [PIB](#)

**Q.6) Justice A K Rajan committee**, in news, related to which of the following:

- a) To prepare the professional engineer's bill.
- b) To develop international retail business at the International Financial Services Centre (IFSC).
- c) To look into GST revenue shortfall faced by states.
- d) To study the impact of NEET on aspirants.

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**Correct Answer D**

**Explanation**

**Statement d is correct:** The government of Tamil Nadu appointed a committee under Justice AK Rajan. The committee found that NEET is biased towards the pattern of the CBSE syllabus. It also recommended that NEET should be ended immediately.

**Source:** Indian Express

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

### Polity

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**Q.1)** With reference to **Public Accounts Committee (PAC)**, consider the following statements:

1. It is the youngest parliamentary committee in India.
2. Annual Finance Accounts of Government of India is examined by PAC.

**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:**

Recently, Lok Sabha Speaker has invited the Chairman of Pakistan's Senate, Muhammad Sadiq Sanjrani, to attend the centennial celebration of the creation of the Public Accounts Committee (PAC) of Parliament. The invite has not been confirmed by the Ministry of External Affairs yet.

**About the PAC:**

**Statement 1 is incorrect:** The PAC is the oldest parliamentary committee in the Indian legislative affairs and has been crucial in upholding the principle of accountability as it exercises oversight of public expenditure.

**Statement 2 is correct:** The Committee on Public Accounts is constituted by Parliament each year for examination of

- i) accounts showing the appropriation of sums granted by Parliament for expenditure of Government of India,
- ii) the annual Finance Accounts of Government of India, and
- iii) such other accounts laid before Parliament as the Committee may deem fit.

Source: [The Hindu](#)

**Q.2)** With reference to **High Court Judges**, consider the following statements:

1. The retirement age of High Court judges is equivalent to Supreme Court judges I.e. 65 years.
2. They are appointed by the Governor of the state.

**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:** Supreme Court Judges retire upon attaining the age of 65 years while High Court judge retires at the age of 62.

**Statement 2 is incorrect:** Article 217 of the Constitution states that the Judge of a High Court shall be appointed by the President in consultation with the Chief Justice of India (CJI), the Governor of the State.

**Source:** [Let HC Judges retire when SC Judges do, At 65](#)

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

**Q.3)** With reference to **National Human Right Commission (NHRC)**, consider the following statements:

1. It has the powers of criminal court and can grant interim relief.
2. Its recommendations are binding on the government.

**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:** It has the powers of civil court and can grant interim relief. It also has the authority to recommend payment of compensation or damages.

**Statement 2 is incorrect:** NHRC can only make recommendations, without the power to enforce decisions.

**Source:** [Indian Express](#)

**Q.4)** With reference to **National Green Tribunal (NGT)**, consider the following statements:

1. It is a statutory body set up for effective and expeditious disposal of cases relating to environmental protection and conservation of forests.
2. NGT is mandated to make disposal of applications or appeals finally within 6 months of filing of the same.
3. NGT does not have suo motu powers to take up environmental issues across the country.

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

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

**Correct Answer: A**

**Explanation:**

**Statement 1 is correct:** It is a specialised body set up under the National Green Tribunal Act (2010) for effective and expeditious disposal of cases relating to environmental protection and conservation of forests and other natural resources.

**Statement 2 is correct:** NGT is mandated to make disposal of applications or appeals finally within 6 months of filing of the same.

**Statement 3 is incorrect:** Recently, The Supreme Court has empowered the National Green Tribunal (NGT) with suo motu (on its own) power to initiate proceedings on its own in case of environmental exigencies.

**Source:** [SC empowers green tribunal to initiate action on its own](#)

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

### **Bills, Acts and Regulations – Act - Security**

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**Q.1)** With reference to **Narcotics and Psychotropic Substances (NDPS) Act**, consider the following statements:

1. The act provides for immunity from prosecution to those who are dependent on drugs.
2. The Act prescribes quantity-based punishment. The Act differentiates between small and commercial quantities of various drugs.

**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.**

Narcotics and Psychotropic Substances (NDPS) Act was passed in 1985 to tackle the problem of illegal drugs in India. The Act establishes Narcotics Control Bureau as the apex drug law enforcement agency and empowers it to oversee the implementation of the NDPS Act.

The Act prescribes quantity-based punishment. The Act differentiates between small and commercial quantities of various drugs.

NDPS Act provides harsh sentences for those convicted of offences involves smuggling. It even provides for the death penalty in some cases where a person is a repeat offender.

But the same act also provides for immunity from prosecution to those who are dependent on drugs (through Section 64). It also provides the setting up of treatment facilities for addicts (through Section 71).

**Source:** [Drug usage and the NDPS Act – Explained, pointwise](#)

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

### Art and Culture - PAINTINGS - Kalamkari

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**Q.1)** With reference to **Karuppur Kalamkari paintings**, consider the following statements:

1. The paintings are famous in Sothern Karnataka.
2. The paintings are done on pure cotton cloth and are predominantly used in temples.
3. The paintings evolved under the patronage of Chola rulers.

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

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

**Correct Answer: C**

**Explanation:**

Karuppur kalamkari paintings and the Kallakurichi wood carvings have received geographical indication (GI) tags.

**Statement 1 is incorrect:** Karuppur Kalamkari paintings are done in Karuppur and its surrounding villages in Tamil Nadu.

**Statement 2 is correct:** The paintings are done on pure cotton cloth and are predominantly used in temples for umbrella covers, cylindrical hangings, chariot covers and asmanagiri (false ceiling cloth pieces).

**Statement 3 is incorrect:** The documentary evidence has shown that kalamkari paintings evolved under the patronage of Nayaka rulers in the early 17th century.

Source: [Karuppur kalamkari paintings, Kallakurichi wood carvings get geographical indication \(GI\) tags](#)