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1. With reference to the Green Term Ahead Market (GTAM) in electricity, consider the following statements.

1. Sellers will be getting access state wise
2. Ministry of Power is the nodal Agency

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

Answer: **D**

Explanation:

- **Statement 1 is incorrect:** GTAM will benefit buyers of Renewable Energy through competitive prices and transparent and flexible procurement.
- Sellers will also be benefitted by getting access to **Pan India Market**.
- **Statement 2 is incorrect:** Ministry of New and Renewable Energy is the implementing Ministry
- The Government of India's target of 175 GW RE Capacity by 2022 is driving accelerated renewable penetration pan-India. Green Term Ahead Market contracts will allow additional avenues to the RE generators for sale of renewable energy; enable Obligated entities to procure renewable power at competitive prices to meet their Renewable Purchase Obligations (RPO); and provide a platform to environmentally conscious open access consumers and utilities to buy green power.

<https://www.pib.gov.in/PressReleasePage.aspx?PRID=1650384>

2. With reference to the Shanghai Cooperation Organisation (SCO), consider the following statements.

1. Regional Anti-Terrorist Structure (RATS) is a part of SCO
2. India and Pakistan became members in 2015.
3. It's an Asian political, economic and military organisation aiming to maintain peace, security and stability in the region.

Which of the statements given above is/are correct?

- A. 1 only
- B. 1 and 2 only
- C. 2 and 3 only
- D. 1 and 3 only

Answer: **A**

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Explanation:

- **Statement 1 is correct:**
 - Structure of the Shanghai Cooperation Organisation
 1. Heads of State Council – The supreme SCO body which decides its internal functioning and its interaction with other States & international organisations, and considers international issues.
 2. Heads of Government Council – Approves the budget, considers and decides upon issues related economic spheres of interaction within SCO.
 3. Council of Ministers of Foreign Affairs – Considers issues related to day-to-day activities.
 4. **Regional Anti-Terrorist Structure (RATS)** – Established to combat terrorism, separatism and extremism.
 5. SCO Secretariat – Based in Beijing to provide informational, analytical & organisational support.
 - **Statement 2 is incorrect:** India and Pakistan became **members in 2017**.
 - **Statement 3 is incorrect:** It's a **Eurasian** political, economic and military organisation aiming to maintain peace, security and stability in the region.
 - SCO is a permanent intergovernmental international organisation created in 2001
 - Prior to the creation of SCO in 2001, Kazakhstan, China, Kyrgyzstan, Russia and Tajikistan were members of the **Shanghai Five**.
 - Shanghai Five (1996) emerged from a series of border demarcation and demilitarization talks which the four former Soviet republics held with China to ensure stability along the borders.
 - Following the accession of Uzbekistan to the organisation in 2001, the Shanghai Five was renamed the SCO.
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<https://www.thehindu.com/news/national/rajinath-singh-leaves-for-russia-to-attend-sco-meet/article32502008.ece>

3. Which of the following is India's first Multi-Wavelength Space Observatory?

- A. AstroSat
- B. CartoSat
- C. AGILE
- D. Chandra X-ray Observatory

Answer: A

Explanation:

- **AstroSat is the first dedicated Indian astronomy mission** aimed at studying celestial sources in X-ray, optical and UV spectral bands simultaneously. The payloads cover the energy bands of Ultraviolet (Near and Far), limited optical and X-ray regime (0.3 keV to 100keV). One of the unique features of AstroSat mission is that it enables the simultaneous multi-wavelength observations of various astronomical objects with a single satellite.

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- AstroSat with a lift-off mass of 1515 kg was launched on September 28, 2015 into a 650 km orbit inclined at an angle of 6 deg to the equator by PSLV-C30 from Satish Dhawan Space Centre, Sriharikota. The minimum useful life of the AstroSat mission is expected to be 5 years.
- As a landmark achievement in Space missions, Indian Astronomers have discovered one of the **farthest Star galaxies** in the universe.
- India's first Multi-Wavelength Space Observatory "AstroSat" has detected extreme-UV light from a galaxy located 9.3 billion light-years away from Earth. **The galaxy called AUDFs01** was discovered by a team of Astronomers led by Dr Kanak Saha from the Inter-University Centre for Astronomy and Astrophysics(IUCAA) Pune.

<https://www.pib.gov.in/PressReleasePage.aspx?PRID=1650396>

4. The term Adjusted Gross Revenue (AGR), sometimes seen in the news, is related to?

- A. Recollected NPA's
- B. Mining Industry
- C. Telecom Industry
- D. Aviation Industry

Answer: C

Explanation:

- Adjusted Gross Revenue (AGR) is the usage and licensing fee that **telecom operators** are charged by the Department of Telecommunications (DoT).
- As per DoT, the charges are calculated based on all revenues earned by a telco – including non-telecom related sources such as deposit interests and asset sales. Telcos, on their part, insist that AGR should comprise only the revenues generated from telecom services.

<https://www.thehindu.com/todays-paper/tp-national/agr-dues-have-to-be-paid-in-toto-sc/article32500549.ece>

5. "Indra" is a bilateral exercise between

- A. India and USA
- B. India and France
- C. India and Nepal
- D. India and Russia

Answer: D

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Explanation:

- Exercise **INDRA**, a joint, **tri services exercise between India and Russia**
- INDRA series of exercise began in 2003. It was conducted as a single service exercise alternately between the two countries. However, the first joint Tri Services Exercise was conducted in 2017.
- Amid high operational alert by the Indian Navy in the Indian Ocean Region (IOR) due to the ongoing standoff with China in Ladakh, India and Russia are scheduled to hold the bilateral naval exercise, Indra 2020, in the Andaman Sea, close to the strategic Strait of Malacca later this week.

<https://www.thehindu.com/news/national/india-russia-to-hold-naval-drills-in-andaman-sea/article32496756.ece>

