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CURRENT AFFAIRS TEST ANS

DATE – 20 JAN 2024

Q1. Answer: d

Statement 1 is incorrect: United Nations Convention against Transnational Organised Crime, often known as the **Palermo Convention** is a multinational treaty against transnational organised crime that was established by the United Nations in 2000. India signed the convention in 2002.

Statement 2 is incorrect: **The Central Bureau of Investigation (CBI)** acts as the nodal agency for all dealings with UNTOC.

Q2. Answer: (c)

Explanation:

This situation refers to underemployment. Underemployment refers to a situation where individuals are employed, but their employment doesn't fully utilize their skills, qualifications, or availability. It's a condition where workers are employed part-time or in jobs that are below their skill level, education, or experience.

Q3. Answer: (a)

Explanation

Statement 1 is correct: The First ASEAN Summit was held in Bali, Indonesia in 1976. The ASEAN summit is the highest policy-making body in ASEAN comprising the Heads of State or Government of ASEAN Member States. The summit is held twice annually.

Statement 2 is incorrect: Indonesia, Malaysia, Philippines, Singapore and Thailand are its founding members. Myanmar is not a founding member of ASEAN. ASEAN was established in 1967 in Bangkok, Thailand, with the signing of the ASEAN Declaration (Bangkok Declaration).

Q4. Answer: c

Explanation:

Statements 1 and 2 are correct: All individuals without discrimination of race, occupation, position or sex are eligible for these awards. However, Government servants including those working with PSUs, except doctors and scientists, are ineligible for Padma Awards.

Statement 3 is correct: The Padma Awards are conferred based on recommendations made by the Padma Awards Committee. This committee is constituted by the Prime Minister every year. The nomination process is open to the public. Also, self-nomination can be made.

Q5. Answer: b

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Statement 1 is incorrect: PMJANMAN i.e. Pradhan Mantri Janjati Adivasi Nyaya Maha Abhiyan, aimed at providing PVTG households and habitations with basic facilities.

Statement 2 is correct: The Ministry of Tribal Affairs is the nodal ministry for PMJANMAN. Although there is a focus on 11 critical interventions through 9 Ministries.

Q6. Answer: b

JAXA declared its lunar mission, the "Smart Lander for Investigating Moon" (SLIM), which aims to showcase precise and accurate lunar landing techniques. **Japan** will become the **fifth country** to soft-land a robotic craft on the Moon.

Q7. Answer: c

Statement 1 is correct: eSoil represents a low-power bioelectronic growing base capable of stimulating plants' root systems and growth surroundings using electrical impulses.

Statement 2 is correct: This innovative substrate, crafted from cellulose and a conductive polymer known as PEDOT, stands out as it is eco-friendly. It provides a safe, energy-efficient alternative to past methods that relied on high voltage and non-biodegradable materials.

Q8. Answer: a

Statement 1 is correct: The major producing states of milling copra are Kerala and Tamil Nadu, whereas ball copra is produced predominantly in Karnataka.

Statement 2 is incorrect: Milling copra is used to **extract oil**, while ball/edible copra is consumed as a dry fruit and used for religious purposes.

Q9. Answer: D

Explanation: Deep fakes are **created by machine learning models** such as **Generative Adversarial Networks (GANs)** which use **neural networks to manipulate images and videos**.

Q10. Answer: b

Statement 1 is incorrect: India is the world 2nd largest producer of Crude steel. The largest producer is China. The installed steel manufacturing capacity of India is around 161 MT.

Statement 2 is correct: India is dependent on imports to meet 90% of its coking coal requirement.

Q11. Answer: D

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Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM) was launched in 2019 to help farmers access reliable day-time solar power for irrigation, reduce power subsidies, and decarbonise agriculture

Components of the Scheme include:

- Setting up of 10,000 MW of Decentralized Ground/Stilt Mounted Solar Power Plants
- Installation of 20 Lakh Stand-alone Solar Pumps in off-grid areas.
- Solarisation of 15 Lakh Grid Connected Agriculture Pumps through (i) Individual Pump Solarisation and (ii) Feeder Level Solarisation.

Q12. Answer: B

Statement 1 is correct: Swami Haridas was the Guru of Mian Tansen

Statement 2 is incorrect: He was one of the nine gems of the court of Mughal emperor Akbar and not Jahangir. He also received patronage under Mohammad Shah Adil of the Suri dynasty and Ramchandra Vaghela of Reevan

Statement 3 is correct: Sangita Sara and Rajmala are among the famous writings of Tansen.

Q13 Answer: b

A "zero-click exploit" in cybersecurity terminology denotes an attack that infiltrates systems without requiring any user interaction or input. Unlike traditional cyber attacks that may rely on a user clicking on a malicious link or downloading an infected file, a zero-click exploit allows threat actors to compromise systems without any action or input from the user.

Q14 .Answer: B

Statement 1 is incorrect: According to Article 217, The chief justice is appointed by the President after consultation with the chief justice of India and the governor of the state concerned. In the case of a common high court for two or more states, the governors of all the states concerned are consulted by the president.

Statement 2 is correct: The Constitution has not prescribed a minimum age for appointment as a judge of a high court. The constitution says a judge should have held a judicial office in the territory of India for ten years, or He should have been an advocate of a high court (or high courts in succession) for ten years.

Q15 Answer: A

Statement 1 is correct: Cash Reserve Ratio (CRR) is the **share of a bank's total deposit** which is mandated by the Reserve Bank of India (RBI) **to be maintained with the latter as reserves in the form of liquid cash, however, the bank cannot use this amount for lending and investment purposes and does not get any interest from the RBI.**

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Statement 2 is incorrect: During high inflation, **RBI can increase CRR** to prevent banks from lending more.

Q16 .Answer: c

Statement 1 is correct: Warli is a **tribal art** which originated from the **North Sahyadri region of Maharashtra** and can be **traced back to the 10th century AD** but was first discovered and appreciated for its distinctive style **only in the early 1970s**.

Statement 2 is correct: **The Warli art** takes **inspiration from nature** and surrounding activities like farming, food gathering and elements from nature and wildlife and **Modified bamboo sticks** are used as paint brushes to create the paintings.

Q17 .Answer: d

Statement 1 is incorrect: Mahavira the 24th and the last tirthankara had the Lion as a sacred symbol. Bull is a sacred symbol of Adinath (the first Tirthankara).

Statement 2 is incorrect: Jainism believes in Reincarnation and says the cycle of birth, death, and rebirth is determined by one's karma.

Q18 Answer: B

The lithium Triangle is a region in South America that contains some of the world's largest lithium reserves. This encompasses parts of Argentina, Bolivia, and Chile. Argentina, Bolivia and Chile are assessed to possess 58 percent of the world's known lithium reserves.

Q19. Answer: c

Statement 1 is incorrect: IIP is an index released by the Chief Statistical Organisation (CSO), Ministry of Statistics and Programme Implementation (MOSPI) every month.

Statement 2 is incorrect: **IIP** tracks growth in manufacturing across 8 sectors, however, it does not include the services sector.

Q20 .Answer: B



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Lantana camara, is a **perennial shrub native to the American tropics** and a member of the **Verbenaceae family**. It has impacted areas of the **Nilgiri Biosphere Reserve** in the Western Ghats.

Q21. Answer: D

Statement 1 is incorrect: Recommendations made by the Commission are binding on the Government.

Statement 2 is incorrect: As per the provisions contained in the Finance Commission [Miscellaneous Provisions] Act, 1951 and The Finance Commission (Salaries & Allowances) Rules, 1951, the Chairman of the Commission is selected from among persons who have had **experience in public affairs**.

Q22. Answer: A

Statement 1 is correct: It is India's first mission to study black holes and neutron stars. It is **India's first dedicated polarimetry mission** to study various dynamics of bright astronomical X-ray sources.

Statement 2 is incorrect: India became the second nation after the US to send an observatory to study astronomical sources, such as black holes, and neutron stars, among others.

Q23. Answer: C

Statement 1 is correct: Launched in 2015, To reduce the demand for physical gold and shift a part of the domestic savings (to purchase gold) into financial savings..

Statement 2 is correct: The Gold Bonds are issued as **Government of India Stock** under the Government Securities (GS) Act, 2006. These are **issued by the Reserve Bank of India (RBI)** on behalf of the Government of India.

Q24. Answer: B

Desert Cyclone 2024, a Joint Military Exercise between India and UAE is being held in Rajasthan. It aims to enhance interoperability by learning and sharing best practices in urban operations.

Q25. Answer: B

FIU-IND is also responsible for coordinating and strengthening efforts of national and international intelligence, investigation and enforcement agencies in pursuing global efforts against money laundering and financing of terrorism. It also collects information related to the purchase or sale of immovable property. FIU-IND is an independent body reporting directly to the Economic Intelligence Council (EIC) headed by the Finance Minister.

Q26. Answer: C

India is not a member of

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1. Nuclear Suppliers Group: it aims to control the export of materials, equipment, and technology that could be used to manufacture nuclear weapons.
2. Nuclear Non-Proliferation Treaty: aimed at preventing the spread of nuclear weapons and promoting cooperation in the peaceful use of nuclear energy.
3. The Comprehensive Test Ban Treaty: It is aimed at banning all nuclear explosions for both civilian and military purposes

India is a member of

1. Missile Technology Control Regime: The MTCR aims to limit the spread of missile technology capable of carrying weapons of mass destruction (WMD).
2. Wassenaar agreement: It is an Arrangement on Export Controls for Conventional Arms and Dual-Use Goods and Technologies
3. Australia Group: It aims to prevent the proliferation of chemical and biological weapons by controlling the export of materials, equipment, and technologies that could be used in their development and production.

Q27. Answer: C

Statement 1 is correct: China is the largest producer of Coal in the world. India is the 2nd largest producer and consumer in the world.

Statement 2 is correct: Jharkhand has the largest coal reserves in India, followed by Odisha and Chhattisgarh.

Q28. Answer: A

Statement 1 is incorrect: Indian National Centre for Ocean Information Services (INCOIS) under the Ministry of Earth Sciences.

Statement 2 is correct: INCOIS provides ocean information and advisory services to society, industry, and government agencies through sustained ocean observations and constant improvements through systematic and focused research.

Q29. Answer: C

All 3 statements are correct:

- Rani Velu Nachiyar was the first queen to fight against the British colonial power in India.
- She is known as Veeramangai by Tamils
- She was the princess of Ramanathapuram and the only child of Raja Chellamuthu Vijayaragunatha Sethupathy and Rani Sakandhimuthal of the Ramnad kingdom.

Q30. Answer: B

Potential applications of Main Body Physics include:

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- Development of advanced materials with tailored properties such as high-temperature superconductors and efficient solar cells.
- It finds its application in nanotechnology by Manipulating matter at the atomic and molecular level to create novel devices and functionalities.
- It can unveil the secrets of protein folding, enzyme function, and cellular processes.
- It can also help in Simulating complex stellar behaviour and the formation of galaxies.

Q31. Answer: C

Vietnam and Cambodia do not share their border with Myanmar



Q32.

Answer: b

Statement 1 is incorrect: The Square Kilometre Array Observatory (SKAO) Observatory is an intergovernmental bringing together organizations from ten countries Australia, Canada, China, India, Italy, New Zealand, South Africa, Sweden, the Netherlands and UK. Its headquarters is located in the United Kingdom.

Statement 2 is correct: India has been involved in the development of SKA through the Pune-based National Centre for Radio Astrophysics (NCRA) since its inception in 1990s.

Q33.

Answer: B

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Statement 1 is incorrect: India is the largest importer of Palm oil, accounting for 15% of global imports.

Statement 2 is correct: National Mission on Edible Oils – Oil Palm (NMEO-OP) is a Centrally Sponsored Scheme. Its salient features include the Establishment of seed gardens, micro irrigation, vermicompost units, solar pumps, harvesting tools, and custom hiring centre cum harvester Groups.

Q34.

answer d

SMART 2.0' (Scope for Mainstreaming Ayurveda Research among Teaching Professionals) program has been launched to generate tangible evidence to demonstrate the efficacy and safety of Ayurveda interventions using interdisciplinary research methods and translating it into public health care.

Q35.

Answer: d

Statement 1 is incorrect: It lies in West Bengal and encompasses the Terai Eco-System. Its northern border coincides with the Bhutan border.

Statement 2 is incorrect: It serves as an international corridor between India and Bhutan.

Q36.

Answer: A

The Mahakali River also known as The Sharda River and Kali River originates at Kalapani in the Himalayas in the Pithoragarh district in Uttarakhand, India. It flows along Nepal's western border.

Q37.

Answer: c

Statement 1 is correct: OFC works on the principle of Total internal reflection.

Statement 2 is correct: Optical Fibre Cable is a network cable that contains strands of glass fibres inside an insulated casing. They are designed for long-distance, high-performance data networking, and telecommunications.

Q38.

Answer: C

Statement 1 is incorrect: Commercial surrogacy was banned in India in 2015.

Statement 2 is incorrect: Surrogacy is available to

- legally wedded infertile couples who have no biological children of their own.
- single or divorced woman above the age of 35

Q39.

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Answer: C

Lagrange points are positions in space where objects sent there tend to stay put. At Lagrange points, the gravitational pull of two large masses precisely equals the centripetal force required for a small object to move with them.

Statement 1 is correct: The distance between L1 and Earth is just 1% of the distance between Earth and the Sun.

Statement 2 is correct: The orbit around L1 provides an uninterrupted view of the sun.

Q40.

Answer: b

Sirpur Lake, a shallow, alkaline, nutrient-rich lake is located in Indore, Madhya Pradesh. It is an Important Bird and Biodiversity Area (IBA) of the country as declared by the Bombay Natural History Society (BNHS) in 2017.

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