

10 PM Current Affairs Quiz Compilation

20 Dec to 24 Dec, 2021

10 PM Compilation for the Month of December (Fourth Week), 2021

SCIENCE AND TECHNOLOGY

Q.1) With reference to James Webb Telescope, consider the following statements:

1. It will be situated near the second Lagrange point of the Earth-Sun system.
2. It will be able to look back over 13.5 billion years to see the first stars and galaxies of the early universe.
3. The telescope works in the infrared spectrum.

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: D

Explanation

All statements are correct

- **James Webb Telescope** is an international collaboration between NASA, European Space Agency(ESA), and the Canadian Space Agency.
- Once in space, the telescope will be situated near the **second Lagrange point of the Earth-Sun** system, which is around 1,500,000 km from Earth and directly opposite the Sun.
- The telescope will be able to look back over 13.5 billion years to see the first stars and galaxies of our early universe.
- The telescope works in the infrared spectrum, collecting infrared light from the object it is focused on.
- **But why infrared?** Infrared light is electromagnetic radiation with longer wavelengths than visible light. This particular trait of the telescope would help it look farther back in time more effectively than other telescopes. It will also help scientists look into the atmosphere of stars, which is usually shrouded with dust and gas during formation.

Source: [Article](#)

Q.2) With reference to Killer Robots, consider the following statements:

1. These are fully autonomous weapons that would be able to select and engage targets without meaningful human control.
2. India, Russia, and the United States are negotiating a new legally binding instrument to regulate killer robots.

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.

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Statement 2 is incorrect: India, Russia, and the United States have said that the existing international humanitarian law is sufficient and opposed negotiation of a new legally binding instrument on killer robots.

Source: [Killer robots aren't science fiction. A push to ban them is growing](#)

Q.3) With reference to **Controlled Aerial Delivery System of 500 kg capacity (CADS-500)**, consider the following statements:

1. It is used for precise delivery of payloads up to 500 kgs at a predetermined location.
2. It uses Indian Regional Navigation Satellite System for the coordinates, altitude and heading sensors for the heading information during its flight.

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: CADS-500 uses Global Positioning System(GPS) for the coordinates, altitude and heading sensors for the heading information during its flight. It also has an onboard electronics unit that autonomously steers its flight path using waypoint navigation towards the target location by operating controls.

Source: [CADS-500: DRDO conducts flight demonstration of Controlled Aerial Delivery System](#)

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

1. It is a zoonotic disease.
2. There is presently no cure for the Parvovirus.

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:** Canine Parvovirus is not zoonotic.
- **Statement 2 is correct:** Parvovirus has no cure and inoculating a puppy or a dog gives them a fighting chance against the infection.

Source: [Article](#)

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

1. It is a Beyond Visual Range Air-to-Air Missile.
2. The missile mainly targets communication, radar and surveillance systems of the enemy.

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:** It is a New Generation Anti-Radiation Missile
- **Statement 2 is correct**

Source: [Article](#)

Q.6) Vihangam was sometime seen in news. Which of the following correctly describes it?

- a) It is a new software that aims to identify cyber attacks in government websites.
- b) It is an Internet-based system integrated with a Remotely Piloted Aircraft System (RPAS).
- c) It is a new type of digital currency that rivals bitcoins.
- d) It is a new species of butterfly identified in Western Ghats.

Correct Answer: B

Explanation

Source: ['VIHANGAM'- Remotely Piloted Aircraft System \(RPAS\) at Mahanadi Coalfields Limited](#)

Q.7) Lethal Autonomous Weapons Systems (LAWS) include which of the following?

- 1. Killer robots
- 2. Bombs
- 3. Drones

Select the correct answer from the codes given below:

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

Correct Answer: D

Explanation

- Killer Robots are fully autonomous weapons that would be able to select and engage targets without meaningful human control.
- The idea of killer robots has been explored widely in science fiction movies including *Terminator*, *Blade Runner*, and *Robocop*.
- Collectively, these weapons fall under **Lethal Autonomous Weapons Systems (LAWS)** which can include bombs, dog-like robots, and more that can use AI and other digital technologies to make decisions on the battlefield. It doesn't include drones, which are manned remotely by pilots.

Source: [Article](#)

Q.8) With reference to James Webb Space Telescope(JWST) and Hubble Space Telescope (HST), consider the following statements:

- 1. HST can observe mainly in the ultraviolet and visible parts of the spectrum. On the other hand, JWST will primarily study the universe in the infrared spectrum.

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2. HST was present at the Earth-Sun L2 Lagrange point. On the other hand, JWST will orbit the Earth.

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: Hubble orbits the Earth at an altitude of ~570 km. Webb will not orbit the Earth, instead it will sit at the Earth-Sun L2 Lagrange point, 1.5 million km away. This means that Webb will orbit the Sun along with the Earth, but will stay fixed at the same spot in relation to the Earth and the Sun.

Source: [Explained: NASA's flagship telescope, and its successor](#)

Q.9) With reference to Advanced Chemistry Cell (ACC) Batteries, consider the following statements:

- 1. They can store electric energy either as electrochemical or as chemical energy.
- 2. Ministry of Commerce and Industry is the nodal ministry for recently launched Production Linked Incentive scheme for manufacturing of ACC battery storage.

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:** ACCs are the new generation of advanced storage technologies. They can store electric energy either as electrochemical or as chemical energy. The cells then can convert it back to electric energy as and when required.
- **Statement 2 is incorrect:** Ministry of Heavy Industries & Public Enterprises is the nodal ministry for the scheme.

Source: [Article](#)

Q.10) With reference to medical oxygen, consider the following statements:

- 1. It is included in the World Health Organization's List of Essential Medicines.
- 2. It can cause Retrolenticular fibroplasia in premature infants if they exposed to higher levels of oxygen concentrations.

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

Both statements are correct.

- Due to the indispensable use of medical oxygen, the World Health Organisation include this on their **List of Essential Medicines**.
- It can cause **Retrolenticular fibroplasia** in premature infants if they exposed to oxygen concentrations greater than 40%. In short, it is a condition of abnormal growth of blood vessels in the eye. Retrolenticular fibroplasia is the leading cause of child blindness today in the world.

Source: [Article](#)

Q.11) With reference to Indian Regional Navigation Satellite System (IRNSS), consider the following statements:

1. Due to national security interests, its primary service area is restricted within Indian territory.
2. Satellites of the IRNSS constellation are parked in both Geostationary orbits and Geosynchronous orbits.

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 designed to provide accurate position information service to users in India as well as the region extending up to 1500 km from its boundary, which is its primary service area. An Extended Service Area lies between primary service area and area enclosed by the rectangle from Latitude 30°South to 50° North, Longitude 30°East to 130°East.
- **Statement 2 is correct:** Three satellites are located in suitable orbital slots in the geostationary orbit and the remaining four are located in geosynchronous orbits with the required inclination and equatorial crossings in two different planes.

Source: [Article](#)

Q.12) ASIGMA sometimes in news is a?

- a) In-house messaging application developed by Indian Army.
- b) A Twofish Data Encryption algorithm used in communication software
- c) Bomb defusing Robot used to safely disable explosive ordnance.
- d) A space telescope jointly developed by NASA and ISRO.

Correct Answer: A

Explanation

- ASIGMA (Army Secure IndiGeneous Messaging Application) is a new generation, state of the art, web-based application developed entirely in-house by team of officers of the Corps of Signals of the Army.

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Source: [Article](#)

Q.13) With reference to **Pralay Missile**, consider the following statements:

1. It is a surface-to-surface conventional quasi-ballistic missile aims to defeat interceptor missiles.
2. It can strike targets up to 60-70 km from the launchers.

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 missile has the ability to change its path after covering a certain range in the mid-air. The missile has a range of 150-500 kilometres.

The indigenous Pinaka can strike targets up to 60-70 km from the launchers; while variants of the Prithvi missile can strike the target upto 250-350 km away. The territory between them where the key targets will be located in wartime will be engaged by the Shourya, Prahar and Pralay missile systems.

Source: [DRDO conducts maiden launch of indigenously developed new generation surface-to-surface missile 'Pralay'](#)

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Economy - FINANCIAL MARKET - National

Q.1) With reference to Algo Trading, consider the following statements:

1. These are programmes that automatically monitor price-volume action and make trades without human intervention.
2. The algo runs on the investor system not on the broker system.

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 algo runs on the broker's systems and not on the investor's system.

Source: [Algo trading: Sebi proposals and market concerns](#)

Q.2) With reference to Asset Reconstruction Companies (ARCs), consider the following statements:

1. It is a company registered under the Companies Act.
2. They are regulated by the RBI as Non-Banking Financial Companies (NBFCs).
3. One ARC cannot acquire debt from another ARC.

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:** ARC is a company registered under the Companies Act and registered with Reserve Bank of India under section 3 of The Securitisation and Reconstruction of Financial Assets and Enforcement of Security Interest (SARFAESI) Act, 2002.
- **Statement 2 is correct:** ARCs are regulated by RBI as a Non-Banking Financial Company [NBFC] (under RBI Act, 1934). They function under the supervision and control of the Reserve Bank of India (RBI).
- **Statement 3 is incorrect:** One ARC can be a sponsor or investor in another ARC or it can acquire debt from another ARC.

Source: [Article](#)

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Q.3) With reference to the All-India Quarterly Establishment Based Employment Survey (AQEES), consider the following statements:

1. It enumerates data regarding employment in both organized and unorganized segments.
2. It covers sectors like Manufacturing, Construction and Agriculture.

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:** It covers the following nine selected sectors: Manufacturing, Construction, Trade, Transport, Education, Health, Accommodation and Restaurant, IT/BPO and Financial Services.

Source: [Article](#)

Q.4) C Rangarajan committee is associated with which of the following?

- a) Resolution of Non-Performing Assets (NPAs)
- b) Reforms in the Sugar sector.
- c) Small scale industries and trade policy
- d) Working of the capital market infrastructure institutions (MIIs)

Correct Answer: B

Explanation

- It is related to sugar sector reforms.

Source: [Article](#)

Q.5) SAMARTH Udyog Bharat 4.0 scheme was recently seen in news. The scheme is related to which of the following?

- a) Skill development of Public Sector Banks.
- b) Ensure employment opportunities for artisans trained under Skill India programme.
- c) Create an eco-system for propagation of Industry 4.0.
- d) Fostering partnerships between Academia and Industry for capital goods.

Correct Answer: C

Explanation

SAMARTH Udyog Bharat 4.0 was launched by the Ministry of Heavy Industries to facilitate and create an eco system for propagation of Industry 4.0 set of technologies in every Indian manufacturing by 2025, be it MNC, large, medium or small scale Indian company.

Source: [Year-End- Review of Ministry of Heavy Industries – 2021](#)

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INTERNATIONAL RELATIONS

Q.1) Greater East Asia Co-Prosperity Sphere (GEACPS) sometimes seen in news is associated with which of the following countries?

- a) Russia
- b) China
- c) Japan
- d) South Korea

Correct Answer: C

Explanation

- In the 1930s, Japan started dreaming of a “Greater East Asia Co-Prosperity Sphere” created by annexing chunks of mainland Asia.

Source: [Article](#)

Q.2) Which of the following countries is/are a part of India-Central Asia dialogue and Shanghai Cooperation Organization?

- 1. Kazakhstan
- 2. Turkmenistan
- 3. Kyrgyzstan

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: C

Explanation

- It is a ministerial-level dialogue between India and the Central Asian countries namely Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Uzbekistan.
- Turkmenistan is not a part of SCO.

Source: [Article](#)

Q.3) Recently Humanitarian trust fund for Afghanistan was set up by which of the following organization/event?

- a) India- Central Asia dialogue
- b) Organisation of Islamic Cooperation (OIC)
- c) Regional Security Dialogue
- d) Summit for Democracy

Correct Answer: B

Explanation

A meeting of foreign ministers from the Organisation of Islamic Cooperation (OIC) agreed to establish a humanitarian trust fund to address the growing economic crisis in Afghanistan which has left millions facing hunger over the winter.

Source: [Indian Express](#)

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Q.4) Global Competitiveness Report is released by which of the following organizations?

- a) WB
- b) UNCTAD
- c) WEF
- d) WTO

Correct Answer: C

Explanation

- The report is released by World Economic Forum (WEF)

Source: [Article](#)

Q.5) With reference to World Food Programme (WFP), consider the following statements:

1. It was initially launched as an experiment to provide food aid through the United Nations (UN) system.
2. Its operations are funded entirely by the World Bank and United Nations Development Programme (UNDP).

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:** WFP was created in 1961 as an experiment to provide food aid through the UN system and in 1965, it was enshrined as a fully-fledged UN programme. It launched its 1st development program in Sudan.
- **Statement 2 is incorrect:** Its operations are funded entirely by voluntary donations from world governments, corporations and private donors. It raised US\$8 billion in 2019.

Source: [Article](#)

Q.6) With reference to United Nations Convention on Certain Conventional Weapons (CCW or CCWC), consider the following statements:

1. The convention was concluded this year and so far it is not signed by any of the UN member nations.
2. The convention covers land mines, booby traps, incendiary devices, blinding laser weapons and clearance of explosive remnants of war.

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 convention was concluded at Geneva on October 10, 1980, and entered into force in December 1983. 125 nations are party to this convention. The

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convention seeks to prohibit or restrict the use of certain conventional weapons which are considered excessively injurious or whose effects are indiscriminate.

Statement 2 is correct.

Source: [Indian Express](#)

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Polity

Q.1) Article 324 of the constitution, is related to which of the following:

- Superintendence, direction, and control of all elections to Parliament, the State legislatures, and the offices of the President and Vice-President shall be vested in the ECI.
- No person to be ineligible for inclusion in, or to claim to be included in a special, electoral roll on grounds of religion, race, caste or sex
- Elections to the House of the People and to the Legislative Assemblies of States to be on the basis of adult suffrage.
- Parliament may from time to time by law make provision with respect to all matters relating to, elections to either House of Parliament .

Correct Answer A

Explanation

Statement a is correct.

Source: [TheHindu](#)

Q.2) With reference to **Election Laws (Amendment) Bill, 2021**, consider the following statements:

- The bill amends certain sections of the Representation of the People Act, 1950 and 1951.
- The bill made Linking Aadhaar Card with the Voter ID on a mandatory basis.
- The bill allows voters turning 18 to get register in electoral rolls at four different times of the year.

Which of the statements given above is/are correct?

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

Correct Answer: C

Explanation

Statement 1 and 3 are correct.

Statement 2 is incorrect: Linking of the Aadhaar Card with the Voter ID will be allowed on a voluntary basis.

Source: [Linking Aadhaar with electoral rolls – Explained, pointwise](#)

Q.3) As per the Constitution, which of the following is/are basis for reasonable restrictions on the right to Freedom of conscience and free profession, practice and propagation of religion?

- Public order
- Morality
- Health

Select the correct answer from the codes given below:

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

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Correct Answer: D

Explanation

- Article 25 guarantees **the freedom of conscience**, the freedom to profess, practice and propagate religion to all citizens. considered as included in the profession of the Sikh religion. This Article provides that every religious denomination has the following rights, subject to morality, health and public order.

Source: [Article](#)

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Geography

Q.1) Panna Tiger reserve, belongs to which of the following Indian state:

- Rajasthan
- Gujrat
- Madhya Pradesh
- Jharkhand

Correct Answer C

Explanation

Statement c is correct: Panna National Park is a national park located in Panna and Chhatarpur districts of Madhya Pradesh in India

Source: [The Hindu](#)

Q.2) With reference to glaciers, consider the following statements:

- Pro Glacial lakes are formed due to retreating glaciers.
- Himalayan mountains hold the world's third-largest amount of glacier ice following Antarctica and the Arctic.

Which of the statements given above is/are correct?

- 1 only
- 2 only
- Both 1 and 2
- Neither 1 nor 2

Correct Answer: C

Explanation

Both statements are correct.

- **Retreating glaciers,** usually result in the formation of lakes at their tips. These lakes are called **proglacial lakes**. These proglacial lakes are often bound by sediments, boulders, and moraines. If the boundaries of these lakes are breached, then flooding will take place downstream of that glacial lake.
- Himalayan mountains are referred to as the third pole because they hold the world's third-largest amount of glacier ice following Antarctica and the Arctic.

Source: [Article](#)

Q.3) Which of the following countries do not share border with Iran?

- Georgia
- Azerbaijan
- Uzbekistan

Select the correct answer from the codes given below:

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

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Correct Answer: C

Explanation

- Iran is bounded to the north by **Azerbaijan, Armenia, Turkmenistan**, and the **Caspian Sea**, to the east by **Pakistan and Afghanistan**, to the south by the **Persian Gulf** and the **Gulf of Oman**, and to the west by **Turkey and Iraq**.

Source: [Article](#)

Q.4) Which of the following group of countries shares land border with Afghanistan?

- Tajikistan, Turkmenistan and Uzbekistan
- Kyrgyzstan, Kazakhstan and Tajikistan
- Turkmenistan, Kyrgyzstan and Uzbekistan
- Kazakhstan, Turkmenistan and Kyrgyzstan

Correct Answer A

Explanation

Statement a is correct: Tajikistan, Turkmenistan and Uzbekistan share land borders with Afghanistan



Source: [Article](#)

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Schemes and Initiatives

Q.1) Project Devil, in news is relate to which of the following:

- a) It was launched by Indian Army to end the terrorism in Indian state of Jammu and Kashmir.
- b) It was launched by DRDO for the development of a medium range Surface-to-Surface Missile.
- c) It was launched by government of India to end corruption and bring transparency in all the government organizations.
- d) It was launched by Indian Army to probe the killings in nagaland.

Correct Answer B

Explanation

Statement b is correct: "In 1972, Project Devil, was introduced by DRDO, for the development of a medium range Surface-to-Surface Missile was initiated. A large number of infrastructure and test facilities were established during this period.

Source: [Indian Express](#)

Q.2) Justice Madan Lokur Commission was sometime seen in news. The commission is related to which of the following?

- a) Raising the legal age of marriage for women.
- b) Inquire into the alleged interception of mobile phones using Pegasus.
- c) Adopting new regulations for Algo trading in India.
- d) Protecting Western Ghats to mitigate floods and environmental degradation.

Correct Answer: B

Explanation

The Supreme Court recently stayed all proceedings before Justice Madan Lokur Commission, set up by the West Bengal government. The commission would inquire into the alleged interception of mobile phones using military grade spyware Pegasus.

Source: [Times of India](#)

Q.3) With reference to 'Meet the Champions' campaign, consider the following statements:

- 1. It is a special school campaign jointly organized by the Ministry of Education and the Ministry of Youth Affairs and Sports.
- 2. The campaign kicked off by Olympic Gold medallist Neeraj Chopra.

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.

Source: [PIB](#)

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

1. It is a social security scheme to provide job to a dependent family member when a Government servant dies while in service or retires on medical grounds.
2. The compassionate employment is a vested right for all government employments.

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: Supreme Court on hearing the appeal filed by the Union government said that compassionate employment is not a vested right. Earlier, the Madras High Court held to provide compassionate employment to the widow of the sergeant in IAF.

Source: [Compassionate job not a vested right, says SC](#)

Q.5) With reference to **Beej Gram Yojana**, consider the following statements:

1. It aims to upgrade the quality of farmer's saved seeds.
2. Financial assistance is available for up to one acre per farmer for distribution of certified seeds at 50% of seed cost for cereal crops and 60% for pulses, oilseeds, fodder and green manure crops.

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 the statements are correct

Source: [PIB](#)

Q.6) With reference to **National Family Health Survey (NFHS)**, consider the following statements:

1. It is the world's largest household survey.
2. District-level estimates for many important indicators were introduced from the fourth NFHS.

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

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Correct Answer: d

Explanation

Both statements are correct.

- The NFHS is the world's largest household survey, (over 6,36,699 households).
- Since NFHS-4, the survey introduced district-level estimates for many important indicators and also included other UTs to provide holistic information.

Source: [Article](#)

Q.7) With reference to **National Oxygen Stewardship Program**, consider the following statements:

1. The programme aims to empower all healthcare workers with the essential knowledge and skills on rational utilization of medical Oxygen.
2. At least one oxygen steward will be identified and trained in each district across the country.

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.

Source: [Dr. Bharati Pravin Pawar inaugurates National Oxygen Stewardship Program](#)

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Art and Culture

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

1. It was authored by Tolkappiyar.
2. It is considered the earliest of Tamil literary work.
3. The entire book consists of poems about a man and his wife.

Which of the statements given above is/are correct?

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

Correct Answer: C

Explanation

Statement 1 and 2 are correct.

Statement 3 is incorrect: It is a unique work on grammar and poetics. It consists of three parts of nine sections each. The three parts deal with Ezhuthu (letter), Col (word) and Porul (subject matter).

Source: [Dr. Subhas Sarkar releases the Hindi translation of Tolkāppiyam and the Kannada translations of 9 books of Classical Tamil literature](#)

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Bills, Acts and Regulations – Acts - Security

Q.1) With reference to **crimes committed by anti-national elements**, consider the following statements:

1. So far Crime Committed by Anti National Elements have not been studied in India.
2. The word 'anti-national' has not been defined in statutes.

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: In 2019, National Crime Records Bureau has released the annual 'Crime in India' report for 2017. It included for the first time a chapter on 'Crime Committed by Anti National Elements'. The chapter listed "North East insurgents, Left Wing Extremists and Terrorists (including Jihadi terrorists)" as the three anti-national elements.

Statement 2 is correct.

Source: ['Anti-national not defined in statutes'](#)

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ENVIRONMENT – BIODIVERSITY AND CONSERVATION - SPECIES

Q.1) With reference to Indian Flapshell Turtle, consider the following statements:

1. It is a freshwater species.
2. It is listed as critically endangered in the IUCN red list.
3. They are known to be omnivorous.

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: C

Explanation

- **Statement 1 is correct:** Indian Flapshell turtle (*Lissemys punctata*) is a freshwater species of turtle found in South Asia.
- **Statement 2 is incorrect:** They are listed as Vulnerable in the IUCN red list of species.
- **Statement 3 is correct:** They are known to be omnivorous. Its diet consists of frogs, shrimp, snails, aquatic vegetation, plant leaves, flowers, fruits, grasses and seed.

Source: [Article](#)

Q.2) With reference to Indian Desert Cat, consider the following statements:

1. It is mostly found in Kazakhstan, western India, China and Mongolia.
2. It is listed as vulnerable in the IUCN red list of species.

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 is mostly found in Kazakhstan, western India, China and Mongolia.
- **Statement 2 is incorrect:** IUCN Status: The Least Concern

Source: [Article](#)

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

1. It is listed as endangered in the IUCN red list of species.
2. They are the only living crocodylian with visible sexual dimorphism.

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

Statement 1 is incorrect: IUCN Status: Critically Endangered

- **Wild Life (Protection) Act, 1972:** Schedule I
- **CITES:** Appendix I

Statement 2 is correct: Gharial (*Gavialis gangeticus*) is a fish-eating crocodile. It is also the only living crocodilian with visible sexual dimorphism.

Source: [Article](#)

Q.4) With reference to **Beas Conservation Reserve**, consider the following statements:

1. The reserve hosts the only known population in India of the endangered Indus River dolphin.
2. The Reserve is located in Himachal Pradesh.
3. Recently, the Critically Endangered Gharial has been successfully reintroduced in the Beas River where it had become extinct half a century ago.

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) 3 only

Correct Answer: C

Explanation

Statement 1 and 3 are correct.

Statement 2 is incorrect: Beas Conservation Reserve is located in Punjab. It spreads over a 185-km stretch of the Beas river. The reserve has been notified as a Ramsar Site in January, 2020.

Source: [Reintroduced gharials thriving in Beas reserve: experts](#)

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Modern History

Q.1) Consider the following statements:

1. He was imprisoned in Alipore Bomb case.
2. His literary works include The Future Evolution of Man, Bhagavad Gita and Its Message.
3. He was proficient in two classical and several modern European languages.

Which of the below personalities are linked with the points mentioned above:

- a) R C Dutt
- b) Aurobindo Ghose
- c) Bipin Chandra Pal
- d) Bal Gangadhar Tilak

Correct Answer: b

Explanation

Source: [Indian Express](#)