



DAILY QUIZ JULY-2018
ENERGY & ENVIRONMENT-KEY

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Q1 Answer: d)

Explanation: Muhammodayam- wetland conservation model being implemented by Kerala State at grama panchayat level. The project aimed at the conservation of the Vembanad Lake ecosystem.

Q2 Answer: a)

Explanation: National Remote Sensing Centre team determined the spots or areas where the decrease in seasonal greenness were high and spatially contiguous. West Bengal was a major hotspot of mangrove degradation. The Western Ghats and Eastern Himalayas in the states of Arunachal Pradesh, Kerala, Karnataka and Meghalaya which were hotspots of decreasing greenness of wet evergreen forests.

Q3 Answer: a

Kudankulam Nuclear power plant is the single largest nuclear power station in India. It is situated in Koodankulam in the Tirunelveli district of Tamil Nadu. It has been built in collaboration with Atomstroyexport, the Russian state company and NPCIL

Q4 Answer: c)

Explanation: Both are correct

Q5 Answer: d)

Explanation: NITI Aayog, in collaboration with various ministries and industry partners, is organising 'MOVE: Global Mobility Summit' in New Delhi. The summit will help drive Government's goals for vehicle electrification, renewable energy integration and job growth and also speed up India's transition to a clean energy economy.

Q6 Answer: c

Explanation: Bharat stage emission standards (BSES) are emission standards instituted by the Government of India to regulate the output of air pollutants from internal combustion engines and Spark-ignition engines equipment, including motor vehicles.

Q7 Ans: a

ESZs are notified by the Ministry of Environment, Forests and Climate Change (MoEFCC)

Q8 Ans: b

It is endemic to Andaman and Nicobar Islands

Q9 Answer: d)

Explanation: All are correct

Q10 Answer: b)

Explanation: The Workshop on Greenhouse Gas Inventories in an initiative of Government of Japan to improve the quality of Greenhouse Gas Inventories of Asian countries. The WGIA16 was held in Delhi. India is hosting WGIA for the first time.

Q11 Answer: a)

Explanation: The Nilgiri tahr known locally as the Nilgiri ibex or simply ibex, is an ungulate that is endemic to the Nilgiri Hills and the southern portion of the Western Ghats in the states of Tamil Nadu and Kerala in Southern India. The Nilgiri tahr is fully protected (Schedule I) by the Indian Wildlife (Protection) Act of 1972. It is listed under endangered category in IUCN Red list.

Q12 Answer: c)

Explanation: Biogas accounts for the lowest effective greenhouse gas emission; PNG and then LPG are next. The National Project on Biogas Development (NPBD) was launched to promote biogas in rural and semi-urban areas, adopting the service-based enterprise model with suitable resource availability offers a sustainable approach.

Q13 Answer: d)

Explanation: The Energy sector is the biggest greenhouse gas emitter in India, particularly Electric power generation is consider the largest emitter of greenhouse gases in India

Q14 Answer: b)

Explanation:

Threats:

- The loss of grasslands, either to urbanisation or to agriculture
- Excessive use of pesticides in farms in and around the roosting sites.
The pesticides kills grasshoppers, the harriers' primary prey

Q15 Answer: b)

Explanation: The high-power committee, headed by former Central Vigilance Commission Pratyush Sinha, has recommended a complete overhaul of regulations governing mine auctions

Q16 Answer: d)

Explanation: All are correct

Q17 Answer: a)

Explanation:

Li-ion batteries use an intercalated lithium compound as one electrode material, compared to the metallic lithium used in a non-rechargeable lithium battery. ISRO's satellite launch vehicles, has successfully deployed li-ion cells in its space missions

Q18 Answer: a)

Explanation: National Action Plan on Climate Change (NAPCC) is a comprehensive action plan which outlines measures on climate change related adaptation and mitigation while simultaneously advancing development. National Action Plan on Climate Change (NAPCC) is a comprehensive action plan which outlines measures on climate change related adaptation and mitigation while simultaneously advancing development. It effectively pulls together a number of the government's existing national plans on water, renewable energy, energy efficiency agriculture and others and bundled with additional ones into a set of eight missions

Q19 Answer: c)

Explanation: Both are correct

Q20 Answer: a)

Explanation: Production Sharing Contract (PSC) refers to an agreement between Contractor and Government whereby Contractor bears all exploration risks,

production and development costs in return for its stipulated share of (profit from) production resulting from this effort. The costs incurred by the contractor are recoverable in case of commercial discovery.

Q21 Answer: b)

Explanation: Atomic Energy Regulatory Board (AERB) specifies the limits to discharge of radioactivity from Nuclear power plants in India. It emphasis on waste volume minimization, recycle and reuse and is at par with international practices.

Q22 Answer: d)

Explanation: National Mission for Clean Ganga (NMCG) is running “Ganga Vriksharopan Abhiyan” in five main stem Ganga basin states – Uttarakhand, Uttar Pradesh, Bihar, Jharkhand and West Bengal. The campaign, which has been initiated as part of the Forest Interventions in Ganga (FIG) component of Namami Gange programme. It aims to bring greater awareness among people and other stakeholders regarding the importance of afforestation for the task of Ganga Rejuvenation.

Q23 Answer: d)

Explanation: IndArc is the India's underwater observatory to scientifically study the Arctic region. It is India's first multi-sensor moored observatory and has been has been deployed in the Kongsfjorden fjord of the Arctic, roughly halfway between Norway and the North Pole.

Q24 Answer: c)

Explanation: Cloud brightening where salt crystals harvested from seawater are fired into clouds, making them more reflective and therefore deflecting solar rays back into space

Q25 Answer: d)

Explanation: Cochin International Airport Limited (CIAL) has been selected for the champion of earth prize -2018, the highest environmental honour instituted by United Nations. The CIAL was chosen for ‘action and inspiration ‘ which recognises individuals or organizations that have taken bold environmental action, and, in doing so, inspired others to follow in their footsteps.

Q26 Answer: c)

Explanation: National Initiative on Climate Resilient Agriculture (NICRA) aims to make farmers self-reliant by use of climate resilient agricultural technologies and management of natural and manmade resources for sustaining agriculture in the era of climate change. It has four components: It has four components:

- Strategic research on adaptation and mitigation
- Technology demonstration to cope with current climate variability in 100 vulnerable districts
- Capacity Building
- Sponsored competitive research to fill critical gaps

Q27 Answer: c)

Explanation: Both are correct

Q28 Answer: d)

Explanation: All are correct

Q29 Answer: b)

Explanation: Eco-Clubs are the clubs where by the students participate in environmental conservation by forming Eco clubs at school level. Recently Eco-Clubs are used which operating in the respective states to create awareness about ill effect of “single use plastic” and imbibe the “Green Good Deeds” practices.

Q30 Answer: b)

Explanation: The Bureau of Energy Efficiency (BEE) has formulated the country's first state energy efficiency preparedness index. The index will help track the progress in managing the energy footprint of states and the country. The Index will help India's plans to reduce its carbon footprint by 33-35% from its 2005 levels by 2030

Q31 Answer: c)

Explanation: All are correct

Q32 Answer: c)

Explanation: All are correct

Q33 Answer: b)

Explanation: M-STripES, a mobile-based application, to collect Tiger data on the field



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