



DAILY QUIZ OCTOBER-2017
ENVIRONMENT-KEY

Answer: A

Explanation:

Crops like bajra and jawar which have high fibre content. Microminerals are only needed in trace amounts and include the following:

- Iron
- Copper
- Iodine

Q2 Answer: B

Explanation:

- The new rules stipulate setting up of a State Wetlands Authority in each State and union territories that will be headed by the State's environment minister and include a range of government officials.
- Undertake measures for enhancing awareness within stakeholders and local communities on values and functions of wetlands.
- The rules prohibit activities like conversion of wetland for non-wetland uses including encroachment of any kind, setting up of any industry and expansion of existing industries, manufacture or handling or storage or disposal of hazardous substances

Q3 Answer: B

Explanation

- It was jointly hosted by Ministry of Environment, Forests and Climate Change (MoEFCC), World Bank and United Nations Development Programme.
- Theme of the Conference was – “People's' participation in wildlife conservation”
- The GWP is World-Bank led global partnership of 19 countries in Asia and Africa to promote the conservation and sustainable development by combating trafficking in wildlife
- It was initiated in 2015 by the Global Environment Facility (GEF).

Q4 Answer: A

Explanation:

- Chinnar Wildlife Sanctuary in Idukki, Kerala
- Bhimtal lake, Uttarakhand
- Sepahijala Wildlife Sanctuary Tripura

Q5 Answer: D

Explanation:

- The government has unveiled the third National Wildlife Action Plan, spelling out the roadmap for wildlife conservation until 2031
- The first such plan was implemented from 1983 to 2001 and ,second 2002-16.
- This is the first time India has recognised the concerns relating to the impact of climate change on wildlife

Q6 Answer: B

Explanation:

For development of a Turtle sanctuary in Allahabad along with a River Biodiversity Park at Sangam have been approved under Namami Gange programme.

Q7 Answer: D

Explanation:

Under the Chairmanship of Vice-Chairman, Niti Aayog centre has constituted a committee for water management in North Eastern region.

Q8 Answer: C

Explanation:

Mizoram's Dampa Tiger Reserve now holds the distinction of housing the highest number of clouded leopards in Southeast Asia.

Q9 Answer: C

Explanation:

- In 2004, WWF-India introduced the concept of CCAs in the State to empower local communities to become active decision-makers and implement conservation initiatives.

- Local communities in these CCAs form committees to undertake wildlife monitoring, patrolling and community-based tourism activities

Q10 Answer: B

Explanation:

Photochemical smog was first described in the 1950s. It is the chemical reaction of sunlight, nitrogen oxides and volatile organic compounds in the atmosphere, which leaves airborne particles and ground-level ozone

Q11 Answer: C

Explanation:

The distribution of water on the Earth's surface is extremely uneven. Only 3% of water on the surface is fresh; the remaining 97% resides in the ocean. Of freshwater, 69% resides in glaciers, 30% underground, and less than 1% is located in lakes, rivers and swamps

Q12 Answer: B

Explanation:

It is held annually in the end of March month to encourage everyone to turn off their non-essential lights for one hour, from 8.30 to 9.30 PM. Its goal is to raise awareness for sustainable energy use and to create environmentally sustainable lifestyle.

Q13 Answer: B

Explanation:

- 'Bio fertilizer' is a substance which contains living microorganism which, when applied to seed, plant surfaces, or soil, colonizes the rhizosphere or the interior of the plant and promotes growth by increasing the supply or availability of primary nutrients to the host plant. Biofertilizers are not fertilizers.
- They don't add any new nutrients to the soil. These are means of fixing the nutrients availability in the soil.

Q14 Answer: C

Explanation:

- Under Arvind Subramanian committee supervision Pusa Arhar 16 variety has been developed as a solution to this problem.
- Mechanisation will reduce the crop length left on the ground
- Biogas plants are best dual solution to go for alternative energy generation method.

Q15 Answer: A

Explanation:

- Coral polyp and algae lives symbiotically. Algae through photosynthesis provides food to coral whereas coral gives protection to algae.
- Algae itself is responsible for colour to the coral reefs.
- Change in temperature negatively affects photosynthesis process of algae.

Q16 Answer: A

Explanation:

- The government started project CHAMAN acronym for Coordinated Horticulture Assessment and Management using geo informatics to prepare a comprehensive horticultural plan.
- Using remote sensing technology to study soil conditions, land use, weather and cropping pattern.
- The findings of the project would be shared with all states to give to boost to cultivation of horticultural crops

Q17 Answer: C

Explanation:

- Height of western ghat increase from north to south
- Western ghats are more continuous than eastern ghats. It has 4 passes that ghat, bor ghat, shenkota pass, palghat

Q18 Answer: C

Explanation:

- The sawfish, included in Schedule I of the Indian Wildlife (Protection) Act 1972 enacted to save them from exploitation, have been sighted off the Indian coast less than 10 times in over a decade.
- Saw fish appear to be more threatened than tigers and elephants. There are only five species of the sawfish ever identified dwarf sawfish, knifetooth sawfish, smalltooth sawfish,argetooth sawfish and green sawfish

Q19 Answer: A

Explanation:

Nagoya protocol aim is the implementation of fair and equitable sharing of benefits arising out of the utilization of genetic resources, thereby contributing to the conservation and sustainable use of biodiversity.

Q20 Answer: B

Explanation:

Dongria Kondh is residing in Niyamgiri hills which is rich in bauxite resources. Prafulla Samantra, a well-known activist associated with the protests in Niyamgiri, has raised concerns with the environment ministry. He is fighting for rights of Dongria kondh tribes.

Q21 Answer: C

Explanation:

The UN Climate Change Conference - November 2017 will. take place 6-17 November in Bonn, Germany

Q22 Answer: A

Explanation:

- Blue Bond is a type of green bond which specifically invests in Climate resilient water management and water infrastructure .
- Bonds used to specifically finance water infrastructure projects are also termed as Blue Bonds.

Q23 Answer: A

Explanation:

Rosewood , Mahogany , Aini, Ebony etc are important species found in these forests

Q24 Answer: C

Explanation:

- The Pattiseema (Pattiseema) Lift Scheme, that links Godavari and Krishna rivers in Andhra Pradesh. Water drawn from the river Godavari in Pattiseema into the Polavaram Project Right Main Canal for the benefit of farmers in the Krishna river delta.
- Project has made it to the Limca Book of Records for completion of the project in record time.

Q25 Answer: C

Explanation:

Along with meeting standards prescribed by CPCB , river has to maintain its minimal ecological flow across all stretches of river.

Q26 Answer: C

Explanation:

- The EKC hypothesis is shown in an inverted U-shaped curve depicting the relationship between per capita income and environmental deterioration.
- It suggests that during the initial period of economic development, where per capita income is low, deterioration of environmental quality caused by rapid industrialisation and urbanisation is inevitable.

Q27 Answer: D

Explanation:

- Biochemical oxygen demand (BOD, also called biological oxygen demand) is the amount of dissolved oxygen needed (i.e., demanded) by aerobic

biological organisms to break down organic material present in a given water sample at certain temperature over a specific time period

- COD or Chemical Oxygen Demand is the total measurement of all chemicals in the water that can be oxidized. TOC or Total Organic Carbon is the measurement of organic carbons. So it will be larger than BOD.

Q28 Answer: C

Explanation:

- The main cause of the urban heat island effect is from the modification of land surfaces.
- Monthly rainfall is greater downwind of cities, partially due to the UHI. Increases in heat within urban centers increases the length of growing seasons, and decreases the occurrence of weak tornadoes.

Q29 Answer: B

Explanation:

Stockholm Convention aims to protect to human and environmental health from POPs.