



DAILY QUIZ MARCH-2018
ENERGY AND ENVIRONMENT

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Q1. The factors which threaten King penguins' growth and survival are:

1. Unsuitable breeding colonies in southern Ocean
2. Starvation deaths due to unavailability of food
3. Human activities and industrial fishing
4. Climate change

Choose the correct options:

- A. 1, 2 and 3
- B. 2, 3 and 4
- C. 1, 2, 3, and 4
- D. 1, 3 and 4

Q2. Identify the incorrect statement about India's energy market:

- A. India's energy demand growth is three times the overall non-Organisation for Economic Co-operation and Development (OECD)
- B. India's energy demand outpaces each of the BRIC countries
- C. India's Renewable energy production will overtake gas
- D. Coal production is replaced by renewable energy as the dominant fuel produced in India by 2040.

Q3. The Ranganathittu sanctuary located on the banks of the river:

- A. Krishna
- B. Godavari
- C. Sharavati
- D. Cauvery

Q4. Consider the following statement about Exotic species:

1. Assertion: Exotic species can adversely affect the ecosystem.
2. Reason: Once transported to a non-native environment they become removed from the predators, parasites, and diseases that kept them in balance in their native environments.

In the context of the above, which of these is correct?

- A. A is correct, and R is an appropriate explanation of A

- B. A is correct, and R is not an appropriate explanation of A
- C. A is correct but R is incorrect
- D. Both A and R are incorrect

Q5. LEED (Leadership in Energy and Environmental Design) Gold Certification is certified by:

- A. The United Nations Development Programme
- B. World Economic Forum
- C. The Green Business Certification Institute
- D. Ministry of Environment and Forests

Q6. The world largest Solar park is coming up in:

- A. Kerala
- B. Karnataka
- C. Gujarat
- D. Maharashtra

Q7. Conservation Assured | Tiger Standards (CA|TS) vision is to:

1. Ensure wild tigers have spaces to live
2. Breed safe from threat resulting in increased populations and recovery of range

Choose the correct options from below:

- A. 1 Only
- B. 2 Only
- C. Both 1 and 2
- D. Neither 1 nor 2

Q8. The member countries of International Solar Alliance are:

- A. Countries lying between the Tropic of Cancer and Tropic of Capricorn
- B. Countries lying beyond the Tropic of Cancer and Tropic of Capricorn
- C. Countries lying in Arctic region
- D. None of the above

Q9. The highest Tiger population of India is found in:

- A. Madhya Pradesh
- B. Kerala
- C. Assam
- D. Karnataka

Q10. The major threats of Vellayani lake are:

1. Increasing eutrophication
2. Presence of pesticides in the lake
3. illegal extraction of sand
4. The invasion of exotic plants and fishes

Choose the correct options:

- A. 1,2 and 3
- B. 2,3 and 4
- C. All of the above
- D. 1,3 and 4

Q11. The safety measures proposed to safeguard the lions in Gir National park are:

1. Building parapet walls would be built around these wells
2. Construction of fences along the railway tracks passing nearby.
3. Building speed breakers on roads passing through the sanctuary are.

Choose the correct options from the below:

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

Q12. The International Solar Alliance headquarters are in:

- A. Paris
- B. Frankfurt
- C. Gurugram

D. Mumbai

Q13 The city called as 'ecologically subsidised city' is:

- A. Kuttanad
- B. Kolkata
- C. Chennai
- D. Moirang

Q14. Consider the following statement about the first generation biofuels:

1. **Assertion:** The first generation biofuels affect the Food Security of the country
2. **Reason:** First generation biofuels are produced directly from food

In the context of the above, which of these is correct?

- A. A is correct, and R is an appropriate explanation of A
- B. A is correct, and R is not an appropriate explanation of A
- C. A is correct but R is incorrect
- D. Both A and R are incorrect

Q15. Consider the sources of energy:

1. Geo-thermal energy
2. Petroleum
3. Biomass energy
4. Nuclear energy

Which of the above are the sources of Non renewable energy?

- A. 1 and 2
- B. 2 and 3
- C. 1 and 3
- D. 2 and 4

Q16. Pink Electricity Zone is started by:

- A. Karnataka
- B. Madhya Pradesh
- C. Maharashtra

D. Telangana

Q17. Which poisonous gas is found in cigarette smoke?

- A. Nitrous amoxide
- B. Carbon monoxide
- C. Trimide
- D. Arsenic dioxide

Q18. The ongoing consistent decrease in the pH of the Ocean water is known as:

- A. Ocean acidification
- B. Eutrophication
- C. Algae Bloom
- D. None of the above

Q19. Which among the following has become first Union territory to run completely on solar power?

- A. Lakshadweep
- B. Andaman and Nicobar Islands
- C. Diu
- D. Chandigarh

Q20. International Solar Alliance signed with an international bank to promote solar energy deployment in Asia is:

- A. BRICS Bank
- B. Asian Development Bank
- C. World Bank
- D. Asian Infrastructure Investment Bank

Q21. Consider the following statements with respect to India's renewable Energy:

1. Indian Renewable Energy Development Agency (IREDA) is dedicated financing arm of Ministry of New and Renewable Energy for financing renewable and energy efficiency projects.

2. REDA is a Public Limited Government Company established as a Non-Banking Financial Institution

Choose the correct options:

- A. 1 Only
- B. 2 Only
- C. Both 1 and 2
- D. Neither 1 nor 2

Q22. Government of India declared 2018 as:

- A. National year of Wildlife
- B. National year of Millets
- C. National year of Girl Child
- D. National year of Wheat

Q23. Consider the following statements with respect to International Solar Alliance:

1. Is the first international and inter-governmental body that will house its secretariat in India
2. In accordance with the Paris Declaration the International Solar Alliance came into existence in 2015

Choose the correct options from below:

- A. 1 Only
- B. 2 Only
- C. Both 1 and 2
- D. Neither 1 nor 2

Q24. India's largest wind turbine generator commissioned by Suzlon at:

- A. Tamil Nadu
- B. Karnataka
- C. Gujarat
- D. Andhra Pradesh

Q25. The largest producer of Bamboo in the world is:

- A. Myanmar
- B. Indonesia
- C. India
- D. China

Q26. The Energy Transition Index is released by:

- A. International Monetary Fund
- B. World Bank
- C. Organisation for Economic Co-operation and Development (OECD)
- D. World Economic Forum

Q27. Uttar Pradesh's biggest solar power plant was inaugurated at:

- A. Lucknow
- B. Mirzapur
- C. Deoband
- D. Allahabad

Q28. Consider the following statements with respect to Atal Bhujal Yojana:

1. Atal Bhujal Yojana (ABHY) aimed at sustainable ground water management with community participation in select over-exploited and ground water stressed areas
2. The programme is proposed to be implemented with Asian Development Bank assistance.
3. ABHY is designed as a Central Sector Scheme

Choose the correct answer:

- A. 1 and 2
- B. 2 and 3
- C. All of the above
- D. 1 and 3

Q29. With respect to proposed Kisan Urja Suraksha evam

Utthaan Mahabhiyan (KUSUM) scheme consider the following statements:

1. The installation of grid-connected solar power plants each of capacity up to 2 MW in the rural and urban areas
2. It enables solarization of existing grid-connected agriculture pumps to make farmers independent of grid supply
3. It enables solarization of tube-wells and lift irrigation projects of Government sector

Choose the correct options:

- A. 1 and 2
- B. 2 and 3
- C. 1 and 3
- D. All of the above

Q30. The Bodi Hills which is recently in the news is situated in the state of:

- A. Kerala
- B. Tamil Nadu
- C. Karnataka
- D. Meghalaya

Q31. Identify the correct statements with respect to Microplastics:

1. Primary microplastics are manufactured and are a direct result of human material and product use
2. Secondary microplastics are microscopic plastic fragments derived from the breakdown of larger plastic debris

Choose the correct statements from the below:

- A. 1 Only
- B. 2 Only
- C. Both 1 and 2
- D. Neither 1 nor 2

Q32. The Wildlife Conservation Society is a:

- A. An association of wildlife activists
- B. A Government organisation
- C. A Nonprofit organization

D. None of the above

Q33. Identify the correct statements with respect to WWF:

1. The World Wide Fund for Nature (WWF) is an international non-governmental organization working in the field of the wilderness preservation, and the reduction of human impact on the environment
2. Much of its work concentrates on the conservation of four biomes that contain most of the world's biodiversity: oceans and coasts, forests, and freshwater ecosystems.

Choose the correct options:

- A. 1 Only
- B. 2 Only
- C. Both 1 and 2
- D. Neither 1 nor 2

Q34. Identify the correct statements with respect to lithium ion batteries:

1. Lithium-Ion batteries are 90 per cent-plus efficient.
2. Use of Lithium-Ion batteries allows bringing up diesel consumption by around a half.

Choose the correct options:

- A. 1 Only
- B. 2 Only
- C. Both 1 and 2
- D. Neither 1 nor 2

Q35. The World's first energy positive hotel is coming up at:

- A. Antarctica circle
- B. Arctic circle
- C. Suez canal
- D. None of the above

Q36. India's first home-delivery of Diesel kicked in the city of:

- A. Nagpur

- B. Jabalpur
- C. Pune
- D. Nashik

Q37. Identify the following statements with respect to Paramparagat Krishi Vikash Yojana:

1. Under the scheme 2 lakh hectares has been made suitable for organic farming thereby benefiting 5 lakh farmers.
2. The aim of the Ministry is to promote organic farming in hilly and tribal areas as the use of chemical fertilizers and pesticides in these areas is very low.

Choose the correct options:

- A. 1 Only
- B. 2 Only
- C. Both 1 and 2
- D. Neither 1 nor 2

Q38. *Banasura Chilappan* (*Montecincla jerdoni*), one of the most endangered forest birds of the country, was spotted in:

- A. The Anamudi Hills
- B. Bandipur and Nagarhole Forests
- C. Mullayanagiri Hills
- D. Shola Forests

Q39. The theme of World water Day 2018 is:

- A. Conserve and Sustainable Use of water
- B. Save Water
- C. One Planet Six Billion Dreams
- D. Nature for Water

Q40. Consider the below statements with respect to Haritha Keralam Mission:

1. It is an Umbrella Mission integrating the components of Waste Management, Organic Farming, Water Resources Management
2. The Mission being promoted by the Government of Tamil Nadu

Choose the correct options:

- A. 1 Only
- B. 2 Only
- C. Both 1 and 2
- D. Neither 1 nor 2

Q41. The Basel Convention is a:

- A. An international treaty designed to protect human health and the environment from anthropogenic emissions and releases of mercury and mercury compounds
- B. A Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal
- C. An international treaty for the conservation and sustainable use of wetlands
- D. An international treaty that defines a framework for diplomatic relations between independent countries.

Q42. The Olive Ridley turtles found on the seashores of:

- A. Havelock, Andaman Islands
- B. Gokarna, Karnataka
- C. Gahirmatha, Odisha
- D. Mahabalipuram, Tamil Nadu

Q43. Consider the following statements with respect to Coral bleaching:

1. It occurs when coral polyps expel algae that live inside their tissues
2. Above-average sea water temperatures caused by global warming have been identified as a leading cause for coral bleaching worldwide.

Choose the correct options:

- A. 1 Only
- B. 2 Only
- C. Both 1 and 2
- D. Neither 1 nor 2

Q44. The Earth Hour is a worldwide movement organized by:

- A. World Economic Forum
- B. United Nations Environment Programme
- C. International Union for Conservation of Nature
- D. World Wide Fund for Nature

Q45. Consider the following statements with respect to diclofenac drug:

1. The Vultures are vulnerable to chemicals such as diclofenac, present in the carcasses of cattle that were injected with the painkiller.
2. The endangered birds eat the remains of the drugged animals and suffer kidney failure and visceral gout, which is usually fatal.

Choose the correct options:

- A. 1 Only
- B. 2 Only
- C. Both 1 and 2
- D. Neither 1 nor 2

Q46. Consider the following statements with respect to Rhinoceros in India:

1. They are listed as Endangered animal by the IUCN Red List
2. Indian Rhino Vision 2020 is an ambitious effort to attain a wild population of at least 3,000

Choose the correct options:

- A. 1 Only
- B. 2 Only
- C. Both 1 and 2
- D. Neither 1 nor 2

Q47. Consider the following statements with respect to ISA and host country agreement:

1. The Agreement will give ISA a juridical personality
2. ISA shall enjoy such privileges, applicable tax concessions and immunities as are necessary for ISA's Headquarter to independently discharge its function and programmes

Choose the correct options:

- A. 1 Only
- B. 2 Only
- C. Both 1 and 2
- D. Neither 1 nor 2

Q48. The first district to have 100% solar powered health centres is:

- A. Nagpur
- B. Vadodara
- C. Rajkot
- D. Surat

Q49. India's first Insect Museum has been opened at:

- A. Karnataka
- B. Tamil Nadu
- C. Madhya Pradesh
- D. Andhra Pradesh

Q50. Rajasthan's first Food Mega Park is coming up at:

- A. Jodhpur
- B. Ajmer
- C. Udaipur
- D. Amer

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