



DAILY QUIZ APRIL-2018  
ENERGY & ENVIRONMENT

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Q1. Consider the following statements with respect to *Permafrost*:

1. Permafrost is located in high latitudes in and around the Arctic region only, but at lower latitudes alpine permafrost occurs at higher elevations
2. It contains carbon-rich organic material

Choose the correct options:

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

Q2. Naitwar Mori Hydro Electric Project is located on the river:

- A. Betwa
- B. Son
- C. Tons
- D. Krishna

Q3. Which of the following cities has become the India's first city to switch from BS-IV grade fuels to BS-VI?

- A. Bengaluru
- B. Hyderabad
- C. Mumbai
- D. Delhi

Q4. The project C5 (Change for Change Climate Change) is launched by:

- A. Karnataka
- B. Kerala
- C. Assam
- D. Rajasthan

Q5. Consider the following statements with respect to wetlands:

1. Panchanadikulam Wetland is listed in Ramsar Convention 1971
2. The Wetlands (Conservation and Management) Rules, 2017 stipulate setting up of a State Wetlands Authority in each State and union territories

Choose the correct option:

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

Q6. The Unlocking Transparency by Third Party Assessment of Mined Coal (UTTAM) App is launched by:

- A. Ministry of Home Affairs
- B. The Ministry of Coal and Coal India Limited
- C. The Finance Ministry
- D. Ministry of New and Renewable Energy

Q7. The Van Dhan Vikas Kendra is being implemented by:

- A. Ministry of Home Affairs
- B. The Ministry of Tribal affairs
- C. Ministry for Development of North Eastern Region
- D. None of the above

Q8. India's first solar-powered island is:

- A. Lakshadweep
- B. Andaman
- C. Diu
- D. Nicobar

Q9. With respect to National Forest Policy (NFP), 2018, consider the below statements:

1. NFP, 2018 talks about climate change mitigation through sustainable forest management
2. The policy contributes to the forestry-related Nationally Determined Contribution Targets
3. The draft policy document also talks about degraded land

Choose the correct options from the below:

- A. 1 and 2
- B. 2 and 3
- C. All of the above
- D. None of the above

Q10. Consider the following statements with respect to Pradhan Mantri Ujjwala Yojana

1. Under the scheme, five crore LPG connections are to be provided to BPL households.
2. The identification of eligible BPL families will be made in consultation with the State Governments and the Union Territories.

Choose the correct options:

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

Q11. The Thottara Rice which is recently in the news from:

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

Q12. Consider the following Statements with respect to micro factory:

1. A microfactory is one or a series of small machines and devices that uses patented technology to perform one or more functions in the reforming of waste products into new and usable resources.
2. Plastic from e-devices can be converted into micro materials used in industrial grade ceramics and plastic filaments for 3D printing.
3. It is a cost-effective solution to one of the greatest environmental challenges

Choose the correct options:

1. 1 and 2
2. 2 and 3
3. 1 and 3
4. All of the above

Q13. The World's largest Greenfield oil refinery is coming up near:

- A. West coast of India
- B. East coast of India
- C. South coast of India
- D. North East India

Q14. The World's largest Greenfield oil refinery is coming up near:

- A. West coast of India
- B. East coast of India
- C. South coast of India
- D. North East India

Q15. The world's largest phytoplankton bloom is found in:

- A. South Atlantic Ocean
- B. North Atlantic Ocean
- C. Pacific Ocean
- D. Indian Ocean

Q16. The Rushikulya rookery coast is famous for:

- A. Dolphins
- B. Dugongs
- C. Coral reefs
- D. Olive ridleys

Q17. Consider the following statements with respect to Hydrocarbon Exploration and Licensing Policy (HELP):

1. The uniform licence will enable the contractor to explore conventional as well as unconventional oil and gas resources

2. The Open Acreage Licensing Policy (OALP) under HELP gives an option to a company looking for exploring hydrocarbons to select the exploration blocks on its own, without waiting for the formal bid round from the Government.

Choose the correct options:

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

Q18. The world's largest phytoplankton bloom is found in:

- A. South Atlantic Ocean
- B. North Atlantic Ocean
- C. Pacific Ocean
- D. Indian Ocean

Q19. India's first filament bulb-free village panchayat is in the state of:

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

Q20. Ethylene, as a plant growth regulator primarily plays which of the following roles:

- A. Protecting seeds from insects and pests
- B. Increasing the hardness of the fruit after separation from the tree
- C. Transporting air and other vital gases from atmosphere to the plant cells
- D. Breaking the dormancy and inducing ripening in fruits

Q21. Greenhouse technology helps to

- A. Trap all greenhouse gases into a chamber to reduce global warming
- B. Induce cloud seeding and rainfall
- C. Grow plants under controlled climatic conditions leading to higher yield
- D. None of the above

Q22. Consider the following statements with respect to 3D conic, which is named as Artificial Transpiration and was recently in the news:

1. It has a special 1D water path within it, which can reduce the energy loss in conduction
2. The device can enhance the solar-thermal conversion rate to 85 per cent
3. It can collect more sunlight throughout the day when compared with a flat device

Choose the correct statements:

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

Q23. Consider the following statements with respect to OPEC:

1. It is an intergovernmental organization of 5 oil producing nations
2. It is headquartered in Vienna, Austria

Choose the correct options:

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

Q24. Consider the following statements with respect to Paris agreement:

1. Paris climate agreement is an agreement within the United Nations Framework Convention on Climate Change (UNFCCC)
2. It aims to keep the global temperature till 2100 well below 2 degrees Celsius above pre-industrial levels

Choose the correct options:

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

Q25. Asian premium recently seen in the news was associated with:

- A. Gulf Cooperation Council
- B. Organisation of the Petroleum Exporting Countries
- C. International Monetary Fund
- D. Association of Southeast Asian Nations



Q26. National Clean Air Programme (NCAP) is

1. A project implemented with the help of UN-Environment in the city of Delhi
2. The main aim of the programme is to take up research on air pollution and human health.

Choose the correct options

- A. 1 only
- B. 2 only
- C. Both 1&2
- D. Neither 1 nor 2

Q27. Consider the following statements with respect to Draft forest policy 2018:

1. It seeks to introduce a community forest management (CFM) mission
2. It proposes involvement of private parties in regeneration of forests

Choose the correct options:

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

Q28. Consider the following statements with respect to Sunderbans:

1. It is a vast forest in the coastal region of the Arabian Sea and considered one of the natural wonders of the world.
2. The Sundarbans contain the world's largest coastal mangrove forest

Choose the correct options:

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

Q29. Ramsar site is a:

- A. It is a wetland site designated of international importance under the Vienna Convention
- B. It is a wetland site designated of international importance under the Ramsar Convention
- C. A World Heritage Site selected by the United Nations Educational, Scientific and Cultural Organization (UNESCO)
- D. None of the above

Q30. Consider the following statements with respect to India's Forest cover by the Forest Survey of India (FSI) 2017:

1. The total forest and tree cover in India is 24.39 per cent of the country's geographic area.
2. Arunachal Pradesh has the largest forest cover in the country

Choose the correct options:

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

Q31. The Mahanadi river water sharing dispute is between:

- A. Maharashtra and Chhattisgarh
- B. Odisha and Chhattisgarh
- C. Chhattisgarh and Jharkhand
- D. Odisha and Jharkhand

Q32. The first Smart City in India to run on 100% renewable energy during day time is:

- A. Kochi
- B. Daman
- C. Surat
- D. Diu

Q33. Earth Day Network, the organization that leads Earth Day worldwide, has chosen as the theme for 2018:

- A. One planet Billion dreams
- B. Trees for earth
- C. End Plastic pollution
- D. Climate literacy

Q34. Consider the following statements with respect to Restructured National Bamboo Mission:

1. To increase the area under bamboo plantation in non-forest Government and private lands
2. To promote product development at micro, small and medium levels and feed bigger industry.

3. To improve post-harvest management of Bamboo

Choose the correct options:

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

Q35. The pollutants under Air Quality Index are:

- 1. Sulphur dioxide (SO<sub>2</sub>)
- 2. Nitrogen dioxide (NO<sub>2</sub>)
- 3. Carbon monoxide (CO)
- 4. Ozone (O<sub>3</sub>)

Choose the correct options:

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

Q36. India's first industrial solar microgrid commissioned at:

- A. Madhya Pradesh
- B. Karnataka
- C. Rajasthan
- D. Gujarat

Q37. The World's first floating nuclear power plant is coming up at:

- A. Japan
- B. Russia
- C. Germany
- D. Canada

Q38. Indian Oil Corporation Ltd (IOCI) is commissioning Liquid Natural Gas (LNG) import terminal at:

- A. Mangaluru
- B. Ennore
- C. Kochi
- D. Dabhol

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