



DAILY QUIZ JULY-2018
ENERGY & ENVIRONMENT

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Q1 Consider the below statements with respect to wetland conservation

1. Lake ecosystem can be conserved by developing sustainable livelihoods and management of natural resources.
2. It is better to conserve the wetlands at the local level.

Which of the above statements is/are INCORRECT?

- a. 1 Only
- b. 2 Only
- c. Both 1 and 2
- d. Neither 1 nor 2

Q2 Consider the following statements with respect to Hotspots in India:

1. The Western Ghats and Eastern Himalayas are hotspots of decreasing greenness of wet evergreen forests
2. West Bengal is a major hotspot of montane wet forests degradation.

Select the correct answer:

- a. 1 Only
- b. 2 Only
- c. Both 1 and 2
- d. Neither 1 nor 2

Q3 The Kudankulam power plant is situated in:

- a. Tamil Nadu
- b. Kerala
- c. Assam
- d. Uttar Pradesh

Q4 Consider the below statements with respect to Ujwal DISCOM Assurance Yojana:

1. It aims to provide financial and operational support to power distribution companies
2. It aims to provide long term affordable and accessible 24x7 power supply to all

Select the correct answer code:

- a. 1 Only
- b. 2 Only
- c. Both 1 and 2
- d. Neither 1 nor 2

Q5 The MOVE: the first Global Mobility Summit is scheduled to be held in:

- a. Mumbai
- b. Bengaluru
- c. Chennai
- d. New Delhi

Q6 Bharat stage emission standards (BSES) includes

- a. Internal combustion engines
- b. Motor vehicles
- c. Both a and b
- d. All engines

Q7 Consider the following statements regarding Eco-Sensitive Zones (ESZs)

- 1) ESZs are those areas that are ecologically and economically important, but vulnerable even to mild disturbances.
- 2) ESZs are notified by president of India

Which of the above statements is are correct

- a) 1 only
- b) 2 only
- c) Both 1 & 2
- d) None of the above

Q8 Consider the following statements about. The bamboo species *Schizostachyum andamanicum* of the Andaman and Nicobar Islands, which was in news.

- 1) It is a common variety of bamboo found all over India
- 2) It is a green alternative to use-and-throw plastic drinking straws

Which of the above statements is are correct

- a) 1 only
- b) 2 only
- c) Both 1 & 2
- d) None of the above

Q9 Consider the following statements with respect to Western Ghats:

- 1. It is one of the Hottest Biodiversity Hotspots

2. It is a UNESCO's World Heritage Site
3. It is older than the Himalayas

which of the above statement(s) is/are correct?

- a. 1 and 2
- b. 2 and 3
- c. 1 and 3
- d. All of the above

Q10 The Workshop On Greenhouse Gas Inventories in Asia is an initiative of:

- a. India
- b. Japan
- c. Saudi Arabia
- d. China

Q11 The Nilgiri tahr is endemic to:

- a. Western Ghats
- b. Eastern Ghats
- c. Himalaya
- d. North East region

Q12 The below fuel which accounts for the lowest effective greenhouse gas emission is:

- a. PNG
- b. LPG
- c. Biogas
- d. None of the above

Q13 Which of the following sectors is the largest Greenhouse Gas emitter in India?

- a. Textile Industry
- b. Automobile Industry
- c. Agriculture
- d. Energy

Q14 Harrier birds are a migratory raptor species that regularly visits vast swathes of India. The decline in arrival of these birds is attributed to,

- a. Forest destruction

- b. Degradation of grasslands
- c. Hunting
- d. Climate change

Q15 The high-power committee for the overhaul of regulations governing mine auctions is headed by:

- a. BN Srikrishna
- b. Pratyush Sinha
- c. Piyush Goyal
- d. Shailesh Nayak

Q16 Excessive instream sand and gravel mining affects:

1. Bank erosion and causes degradation of rivers
2. Adjoining ground water system
3. Aquatic and riparian habitats

Select the correct answer using the codes below:

- a. 1 and 2
- b. 2 and 3
- c. 1 and 3
- d. All of the above

Q17 A lithium-ion battery:

1. is a type of non-rechargeable battery
2. Cannot be used in space missions as it is flammable
3. Can be used in electric vehicles

Which of the above statements is are INCORRECT?

- a. 1 and 2
- b. 2 and 3
- c. 1 and 3
- d. All of the above

Q18 Consider the below statements with respect to National Action Plan on Climate Change:

1. A comprehensive action plan which outlines measures on climate change related to adaptation and mitigations

2. The Ministry of Environment, Forest and Climate Change is incharge of the overall implementation of the plan.

Select the correct answer code:

- a. 1 Only
- b. 2 Only
- c. Both 1 and 2
- d. Neither 1 nor 2

Q19 Consider the following statements with respect to Formaldehyde:

- 1. It is an organic chemical that is very prevalent in our environment.
- 2. It is a suspected human carcinogen that is linked to nasal cancer and lung cancer.

Which of the above statements is/ are correct?

- a. 1 Only
- b. 2 Only
- c. Both 1 and 2
- d. Neither 1 nor 2

Q20 Consider the below statements with respect to Production Sharing Contracts:

- 1. The contractor bears all exploration risks, production and development costs in return for its stipulated share of profit
- 2. The costs incurred by the contractor for exploration cannot be recovered before the profits are shared with government.

Select the correct answer code:

- a. 1 Only
- b. 2 Only
- c. Both 1 and 2
- d. Neither 1 nor 2

Q21 The agency specifies the limit of discharge of radioactivity from Nuclear power plants in India is:

- a. Ministry of Environment, Forest and Climate Change
- b. Atomic Energy Regulatory Board
- c. Defence Research and Development Organisation
- d. Department of Atomic Energy

Q22 The aim of Ganga Vriksharopan Abhiyan is to:

- a. Cleaning of Ganga river basin
- b. To bring greater awareness among people and other stakeholders regarding the importance of deforestation for the task of Ganga Rejuvenation.
- c. It provides the legal status to Ganga river
- d. To bring greater awareness among people and other stakeholders regarding the importance of afforestation for the task of Ganga Rejuvenation

Q23 The term 'IndArc' sometimes seen in the news, is the name of:

- a) an indigenously developed radar system inducted into Indian defence.
- b) India's satellite to provide services to the countries of Indian Ocean Rim
- c) a scientific establishment set up by India in Antarctic region
- d) India's underwater observatory to scientifically study the Arctic region

Q24 With reference to Cloud brightening, consider the following statements:

- 1. The solar radiation management climate engineering technique that would make clouds brighter, reflecting a small fraction of incoming sunlight back into space
- 2. It helps in offsetting anthropogenic global warming.

Select the correct answer code:

- a. 1 Only
- b. 2 Only
- c. Both 1 and 2
- d. Neither 1 nor 2

Q25 The UN's champion of earth prize -2018 is awarded to:

- a. Indira Gandhi International Airport
- b. Kempegowda International Airport
- c. Netaji Subhas Chandra Bose International Airport
- d. Cochin International Airport Limited

Q26 The major components of National Initiative on Climate Resilient Agriculture (NICRA) are:

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

Which of the above statements is/are correct?

- a. 1,2 and 4
- b. 1,2 and 3
- c. All of the above
- d. 2,3 and 4

Q27 Consider the below statements with reference to “Deep Ocean Mission(DOM)”, recently in news:

1. The mission proposes the scientific exploration of the deep ocean
2. It will explore technologies for deep-sea mining, underwater vehicles, underwater robotics and ocean climate change advisory services etc

Select the correct answer code:

- a. 1 Only
- b. 2 Only
- c. Both 1 and 2
- d. Neither 1 nor 2

Q28 The major steps taken by the Government for water quality monitoring are:

1. Installation of Common Effluent Treatment Plants for cluster of Small Scale Industrial units
2. Issuance of directions for implementation of Zero Liquid Discharge
3. Setting up of monitoring network for assessment of ambient water quality
4. Preparation of action plan for sewage management and restoration of water quality in aquatic resources

Which of the above statements is/are correct?

- a. 1,2 and 3
- b. 2,3 and 4
- c. 1,3 and 4
- d. All of the above

Q29 Eco clubs are:

- a. Environmental conservation clubs by involving rural communities
- b. Environmental conservation clubs by involving students
- c. Afforestation programme by the Non Governmental Organisation
- d. None of the above

Q30 The State energy efficiency preparedness index is formulated by:

- a. Ministry of Petroleum and Natural Gas
- b. The Bureau of Energy Efficiency
- c. NITI Aayog
- d. Ministry of Finance

Q31 With reference to Flash flood guidance system, consider the below statements:

1. It provides forecasts by computing the likelihood of rainfall and the soil moisture levels to warn of possible floods.
2. The system uses satellite mapping and ground based observations.
3. It aims to provide forecasts six hours in advance.
4. The World Meteorological Organization (WMO) designated India as a nodal centre for preparing flash-flood forecasts in the region.

Select the correct answer code:

- a. 1,2 and 3
- b. 2,3 and 4
- c. All of the above
- d. 1,3 and 4

Q32 With reference to System of Air Quality and Weather Forecasting, consider the following statements:

1. It gives real-time air quality index on 24×7 basis with colour coding.
2. It measure sun's UV-Index
3. It provide measurement of ultrafine particles PM1 and Mercury

Which of the above statement(s) is/ are correct?

- a. 1 and 2
- b. 2 and 3
- c. All of the above
- d. 1 and 3

Q33 The word ' M-STripES' , recently in the news related to :

- a. Online registration of voter details with Election Commission of India
- b. A mobile-based application to collect Tiger data on the field.
- c. Online data collection with regards to population census
- d. None of the above

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