

Que-1 With reference to Wet-Bulb Temperature, consider the following statements

- 1- Wet bulb temperature is the highest temperature to which air can be cooled by the evaporation of water into the air at a constant pressure.
- 2- It is measured by wrapping a wet wick around the bulb of a thermometer and the measured temperature corresponds to the wet bulb temperature.
- 3- A psychrometer measures the dry-bulb and wet-bulb temperatures simultaneously.

Which of the following given above is/are correct

- a) 1 and 2 only b) 3 only
c) 1, 2 and 3 d) 2 and 3 only
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Que-2 Consider the following statements about PM-WANI (Wi-Fi Access Network Interface)

- 1- It is a program of the Indian Railway.
- 2- The government plans to extend the PM-WANI-based access of RailTel's public Wi-Fi services to all 6,102 railway stations in a phased manner by the end of June 2025.
- 3- To connect all silo Wi-Fi networks for ease of use and proliferate broadband usage for the masses.

Which of the following given above is/are correct

- a) 1 and 2 only b) 3 only
c) 1, 2 and 3 d) 2 and 3 only
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Que-3 With reference to Members of Parliament Local Area Development Scheme (MPLADS), consider the following statements

- 1- It is an ongoing Central Sector Scheme which was launched in 1993-94.
- 2- The Ministry of Statistics and Programme Implementation has been responsible for the policy formulation, release of funds and prescribing monitoring mechanism for implementation of the Scheme.
- 3- The annual MPLADS fund entitlement per MP constituency is Rs. 10 crore.

Which of the following given above is/are correct

- a) 1 and 2 only b) 1 only
c) 1, 2 and 3 d) 2 only
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Que-4 With reference to 'Operation Dudhi', consider the following statements

- 1- This marked in the country's defence history as India's most successful counter-insurgency operation more than 30 years ago.
- 2- Conducted by 15 soldiers of the Assam Rifles 7th Battalion led by Naib Subedar Padam Bahadur Chhetri.
- 3- In Meghalaya from 1989-1992.

Which of the following given above is/are correct

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|-----------------|-----------------|
| a) 1 and 2 only | b) 1 only |
| c) 1, 2 and 3 | d) 2 and 3 only |
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Que-5 Consider the following statements about Cyclone Asani

- 1- Formed in Arabian Sea region.
- 2- Asani, which means wrath in Sinhala.

Which of the following given above is/are correct

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| a) 1 only | b) 2 only |
| c) Both 1 and 2 | d) Neither 1 nor 2 |
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Que-6 With reference to Currency Depreciation, consider the following statements

- 1- Currency depreciation is a fall in the value of a currency in a floating exchange rate system.
- 2- Economic fundamentals, interest rate differentials, political instability, or risk aversion can cause currency depreciation.
- 3- Orderly currency depreciation can increase a country's export activity as its products and services become cheaper to buy.

Which of the following given above is/are correct

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|---------------|-----------------|
| a) 2 only | b) 1 and 3 only |
| c) 1, 2 and 3 | d) 3 only |
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Que-7 With reference to Pradhan Mantri Suraksha Bima Yojana (PMJJBY), consider the following statements

- 1- Available to people in age group 18 to 55 years with bank account.
- 2- The premium will be directly auto-debited by the bank from the subscribers account.
- 3- The scheme is being offered by Public Sector General Insurance Companies or any other General Insurance Company.

Which of the following given above is/are correct

- a) 2 only b) 3 only
c) 1, 2 and 3 d) 2 and 3 only

Que-8 Consider the following statements about Atal Pension Yojana (APY)

- 1- Objective of delivering old age income security particularly to the workers in the unorganised sector.
- 2- Can be subscribed by any Indian citizen in the age group of 18-45 years having a bank account
- 3- Provides a minimum guaranteed pension ranging from Rs 1000 to Rs 5000 on attaining 60 years of age.

Which of the following given above is/are correct

- a) 2 only b) 1 and 3 only
c) 1, 2 and 3 d) 2 and 3 only

ANSWER

- 1- (d)
- Wet bulb temperature is the lowest temperature to which air can be cooled by the evaporation of water into the air at a constant pressure.
 - The dry bulb temperature is the ambient temperature. The difference between these two temperatures is a measure of the humidity of the air. The higher the difference in these temperatures, the lower is the humidity.
- 2- (b)
- It is a program of the Department of Telecom (DoT).
 - The government plans to extend the PM-WANI-based access of RailTel's public Wi-Fi services to all 6,102 railway stations in a phased manner by the end of June 2022.
- 3- (a)
- The annual MPLADS fund entitlement per MP constituency is Rs. 5 crore.
 - The MPLADS is a Plan Scheme fully funded by Government of India. The annual MPLADS fund entitlement per MP constituency is Rs. 5 crore.
 - MPs are to recommend every year, works costing at least 15 per cent of

the MPLADS entitlement for the year for areas inhabited by Scheduled Caste population and 7.5 per cent for areas inhabited by S.T. population.

- In order to encourage trusts and societies for the betterment of tribal people, a ceiling of Rs. 75 lakh is stipulated for building assets by trusts and societies subject to conditions prescribed in the scheme guidelines.

- Lok Sabha Members can recommend works within their Constituencies and Elected Members of Rajya Sabha can recommend works within the State of Election (with select exceptions). Nominated Members of both the Rajya Sabha and Lok Sabha can recommend works anywhere in the country.

4- (a)

- A team of 15 soldiers of the Assam Rifles' 7th Battalion led by Naib Subedar Padam Bahadur Chhetri had on May 5, 1991, gunned down 72 Pakistan-trained extremists and captured 13 others at 14,000 ft in Jammu & Kashmir.
- Meghalaya's capital Shillong is the headquarters of Assam Rifles, India's oldest paramilitary force, whose operational control is with the Defence Ministry and administrative control with the Home Ministry.

- Since its establishment in 1835, the Assam Rifles has been engaged in countless counter-insurgency operations across the northeast and elsewhere in India. But none has been as "daring and exemplary" as Operation Dudhi undertaken by the 7th Battalion that was posted in Jammu & Kashmir from 1989-1992.

5- (b)

- Formed in Bay of Bengal region.

6- (c)

7- (d)

- Available to people in age group 18 to 70 years with bank account.

8- (b)

- Can be subscribed by any Indian citizen in the age group of 18-40 years having a bank account.

- The Atal Pension Yojana (APY) was launched on 09.05.2015 to create a universal social security system for all Indians, especially the poor, the under-privileged and the workers in the unorganised sector. APY is administered by Pension Fund Regulatory and Development Authority (PFRDA).