

Q: Consider the following statement:

1. Donyi Polo Airport is the first greenfield airport in Arunachal Pradesh.
2. Total airport count in Northeast region raise to 16.
3. Kameng hydropower station is located in Manipur.

Choose the correct option from the codes given below:

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

Ans: a

Explanation:

- Recently, Prime Minister inaugurated Arunachal Pradesh's first greenfield airport, Donyi Polo Airport, in Itanagar's Hollongi and a 600-MW Kameng hydropower station in West Kameng district.
- The foundation stone for the airport was laid by PM Modi in February 2019.
- Named after 'Donyi Polo', the deity revered by the indigenous communities of the state, the airport will fulfill an important aspiration of the people of Arunachal Pradesh and upper Assam.
- It will be the third operational airport for Arunachal Pradesh, taking the total airport count in the North-East region to 16.

Q: Recently, Skyroot Aerospace made history by launching India's first privately made rocket Vikram-S into space.

Consider the following statement:

1. It also has three solid fuel-powered stages.
2. The rocket stage is built with high-strength carbon fibre structure.
3. It is powered by the Kalam-80 engine.

Choose the correct option from the codes given below:

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

Ans: b

Explanation:

- Vikram-S is a small-lift launch vehicle having a payload of 480 kg to Low Earth Orbit.
- It also has three solid fuel-powered stages. Each stage has a burn time ranging between 80 and 108 seconds.
- The rocket stage is built with high-strength carbon fibre structure, solid fuel, Ethylene-Propylene-Diene terpolymers (EPDM) thermal protection system, and carbon ablative nozzle.
- Vikram-S rocket is powered by the Kalam-80 engine.

Q: Consider the following statement:

1. India received the Leadership in Family Planning (EXCELL) Awards-2022.
2. India is the only country to have received the award in the 'country category'.

Choose the correct option from the codes given below:

- a) 1 Only
- b) 2 Only
- c) 1 and 2
- d) None of the above

Ans: c

Explanation:

- In a significant development and recognition to the country's efforts in improving access to modern family planning methods, India received the Leadership in Family Planning (EXCELL) Awards-2022.
- India is the only country to have received the award in the 'country category' at the International Conference on Family Planning held in Pattaya city, Thailand.

Q: Consider the following statement:

1. Arunachal Pradesh is the second largest state of northeast India.
2. Arunachal Pradesh is bordered by China and Myanmar only.

Choose the correct option from the codes given below:

- a) 1 Only
- b) 2 Only
- c) 1 and 2
- d) None of the above

Ans: d

Explanation:

- Arunachal is the largest state of North East India, spreading from Bhutan on its western border to Myanmar in the east.
- It shares a sensitive border in the north with Tibet's autonomous region of China. Post partition, the natural lines of the movement were severed and the northeast region became landlocked.

Q: Consider the following statement regarding *Melocanna baccifera*:

1. It is a tropical bamboo species.
2. It is also called 'Muli' in northeast India.
3. It is native to the Himalayan and Nepal region.

Choose the correct option from the codes given below:

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

Ans: a

Explanation:

- Recently, a study spanning 13 years has shed interesting light on flowering in *Melocanna baccifera*, a tropical bamboo species that has long fascinated researchers for its association with the occurrence of 'bamboo death,' 'rat floods' and famines in northeast India.
- Called 'Muli' in northeast India, *Melocanna baccifera* is the largest fruit-producing bamboo and is native to the northeast India-Myanmar region.