

Q: Recently, a forthcoming satellite NISAR, will map the most earthquake-prone regions in the Himalayas with unprecedented regularity Consider the following statement:

1. It is short for NASA-ISRO-SAR.
2. NASA will use to measure changes in the surface of the Earth through SAR.
3. It can collect data only at day time in any weather.

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:

- The name NISAR is short for NASA-ISRO-SAR.
- SAR here refers to the Synthetic Aperture Radar that NASA will use to measure changes in the surface of the Earth.
- It refers to a technique for producing high-resolution images. Because of the precision, the radar can penetrate clouds and darkness, which means that it can collect data day and night in any weather.
- It will scan the globe every 12 days over the course of its three-year mission of imaging the Earth's land, ice sheets and sea ice to give an unprecedented view of the planet.

Q: Recently Animal Pandemic Preparedness Initiative was in News. It is funded by

- a) International Monetary Fund (IMF)
- b) World Bank
- c) Asian Development Bank
- d) European Central Bank

Ans: b

Explanation:

- Recently, the Union Minister for Fisheries, Animal Husbandry and Dairying launched the **Animal Pandemic Preparedness Initiative** and **World Bank-funded Animal Health System Support for One Health** to enhance India's preparedness and response to potential animal pandemics, in line with the One Health approach.

Q: Consider the following statement regarding Animal Pandemic Preparedness Initiative:

1. It is an initiative to cover all aspects of disease prevention, control and pandemic preparedness comprehensively.
2. The key elements include Integrated disease surveillance & monitoring, early warning & response.

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:

- Animal Pandemic Preparedness Initiative is an initiative to cover all aspects of disease prevention, control and pandemic preparedness comprehensively.
- The key elements include Integrated disease surveillance & monitoring, early warning & response, Vaccine/ diagnostics, R&D and production, and ecosystem coordination with funding and regulatory framework enablers.

Q: Consider the following statement cascade frog and choose the incorrect option:

- a) It is the new species discovered from Siju in Meghalaya.
- b) Siju is a natural limestone cave.
- c) The named of the new cascade ranid species is *Amolops siju*.
- d) This is the first discovered species of this group.

Ans: d

Explanation:

- Researchers from the Zoological Survey of India (ZSI) have discovered a new species of frogs from deep within the **Siju cave in the South Garo Hills district of Meghalaya**.
- Siju is a four-kilometre-long natural limestone cave.
- They named the new cascade ranid species *Amolops siju* after the cave from where this discovery was made.
- This is the fourth new species of a cascade frog (*Amolops*) published by the same team recently.

- Amolops chanakya, Amolops terraorchis and Amolops tawang were discovered in Arunachal Pradesh.

Q: Consider the following statement regarding Business Environment Rankings (BER):

1. It measures the attractiveness of the business environment.
2. India offers a potential scale comparable to that of China due to its huge domestic market.
3. It is released by IMF.

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:

- India improved its ranking by six spots in the latest Business Environment Rankings (BER) globally, according to data released by the Economist Intelligence Unit (EIU).
- The upward shift is due to its improved score in parameters like technological readiness, political environment, and foreign investment among others.
- The BER measures the attractiveness of the business environment in 82 countries on a quarterly basis across 91 indicators.
- The report states that although south-east Asian economies have been the principal beneficiaries of the supply-chain diversification, in the long term, it is India that offers a potential scale comparable to that of China due to its huge domestic market.