

Q: Consider the following statement regarding Exercise “Harimau Shakti -2022”:

1. The scope of this exercise involves a Command Planning Exercise.
2. For 2022, the exercise will held in Malaysia.
3. It is a joint exercise between India, Malaysia and Japan.

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, the India - Malaysia joint military Exercise “Harimau Shakti -2022” commenced at Pulai, Kluang, Malaysia on 28th November and will culminate on 12th December 22.
- Exercise Harimau Shakti is an annual training event between the Indian and Malaysian Army which is being conducted since 2012.
- Combat-experienced troops of the Garhwal Rifles Regiment of Indian Army and the Royal Malay Regiment of the Malaysian Army are participating in the exercise this year to share experiences gained during operations in order to enhance inter-operability in planning & execution of various operations in jungle terrain.
- The scope of this exercise involves a Command Planning Exercise (CPX) at the Battalion level and Company level Field Training Exercise (FTX) on sub-conventional operations in jungle terrain.

Q: Consider the following statement:

1. Space tech start-up Agnikul Cosmos launched pad is located at Thiruvananthapuram.
2. The launched pad was developed into two sections.
3. The launchpad is specifically built keeping in mind the ability to support liquid stage-controlled launches.

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:

- Recently, the Space tech start-up Agnikul Cosmos has inaugurated the first privately made launch pad in India.
- The facility will be used for testing and developing new launch vehicles as private sector becomes increasingly involved in the Indian space program.
- Located at Sriharikota, the launch pad has been developed has **two sections to it - the Agnikul launchpad (ALP) and the Agnikul mission control center (AMCC).**
- All critical systems connecting these two sections - which are 4 km away from each other are redundant to ensure 100% operationality during countdown.
- The launchpad is specifically built keeping in mind the ability to support liquid stage-controlled launches, while also addressing the need for ISRO’s range operations team to monitor key flight safety parameters during launches.
- Additionally, it can, as necessary, share data and other critical information with ISRO’s Mission Control Center.

Q: Consider the following statement:

1. Mpox was first named monkeypox in 1958.
2. It appears to be the first time the WHO has attempted to rechristen a disease decades after it was first named.

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:

- Mpox was first named monkeypox in 1958 when research monkeys in Denmark were observed to have a pox-like disease, although they are not thought to be the disease's animal reservoir.

- Although WHO has named numerous new diseases shortly after they emerged, including Severe Acute Respiratory Syndrome or SARS and COVID-19, this appears to be the first time the agency has attempted to rechristen a disease decades after it was first named.

Q: Which among the following cities is the first in the country to launched Local Government Bonds?

- a) Surat
- b) Mumbai
- c) Delhi
- d) Indore

Ans: d

Explanation:

- Indore is planning to issue the nation's first local government bond targeting individual investors, with proceeds used to fund a solar power project.
- Indore Municipal Corp. seeks to raise as much as 2.6 billion rupees (\$31.8 million) via a 10-year bond in December 2022.
- Indore has won the award of India's cleanest city for six years in a row, based on a survey conducted by the country's housing and urban affairs ministry.
- The offering from Indore, which is in the central state of Madhya Pradesh, is also set to be the country's maiden municipal green bond designed for retail investors.
- The issuer has mandated A.K. Capital Services Ltd. and SBI Capital Markets Ltd. as lead managers of the offering.

Q: Consider the following statement regarding SARAS 3 telescope:

1. It was designed and built at the Raman Research Institute (RRI).
2. Using data from the telescope, astronomers and researchers have been able to determine properties of radio luminous galaxies formed post the Big Bang.

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:

- SARAS 3, a radio telescope designed and built at the Raman Research Institute (RRI) has provided clues to the nature of the universe's first stars and galaxies.
- Shaped Antenna measurement of the background Radio Spectrum 3 (SARAS) telescope, indigenously designed and built at RRI was deployed over Dandiganahalli Lake and Sharavati backwaters, located in Northern Karnataka, in early 2020.
- Using data from the telescope, astronomers and researchers have been able to determine properties of radio luminous galaxies formed just 200 million years post the Big Bang, a period known as the Cosmic Dawn.