

IASbaba's Daily Quiz

November 19, 2018

Q.1) Which of the following countries do not have a coast on the Adriatic Sea?

- a) Italy
- b) Albania
- c) Croatia
- d) Austria

Q.1) Solution (d)



Source: <https://www.pressreader.com/india/the-hindu/20181119/282690458230685>

Q.2) Where is 'Ranganathittu Bird Sanctuary' located?

- a) Kerala
- b) Odisha
- c) Karnataka
- d) Tamil Nadu

Q.2) Solution (c)

It is a bird sanctuary in the Mandya District of the state of Karnataka. It is the largest bird sanctuary in the state.

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Source: <https://www.thehindu.com/news/national/karnataka/bamboo-clumps-and-dried-branches-get-the-axe-at-ranganathittu/article25470245.ece>

Q.3) 'Hiawatha Glacier' was recently in news. Where is it located?

- a) Greenland
- b) Argentina
- c) Iceland
- d) New Zealand

Q.3) Solution (a)

A study revealed the existence of a large impact crater beneath Greenland's ice sheet in the Hiawatha Glacier region—a 31-kilometre-wide (19 mi) circular bedrock depression up to a kilometre below the surface of the ice.

This is the first time that a crater of any size has been found under one of Earth's continental ice sheets.

Source: <https://www.thehindu.com/sci-tech/science/ice-age-crater-discovered-beneath-greenland-glacier/article25509556.ece>

Q.4) Consider the following statements with respect to 'Tissue Chips in Space' initiative

1. It is an initiative by European Space Agency (ESA) and Japan Aerospace Exploration Agency (JAXA)
2. It seeks to better understand the role of microgravity on human health and disease

Select the correct statements

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

Q.4) Solution (b)

A series of investigations to test tissue chips in microgravity aboard the International Space Station is planned through a collaboration between the National Center for Advancing

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Translational Sciences (NCATS) at the National Institutes for Health (NIH) and the Center for the Advancement of Science in Space (CASIS) in partnership with NASA.

The Tissue Chips in Space initiative seeks to better understand the role of microgravity on human health and disease and to translate that understanding to improved human health on Earth.

Source: <https://www.thehindu.com/sci-tech/science/nasa-to-send-organs-on-chips-to-space/article25464638.ece>

Q.5) Consider the following statements with respect to 'GROWTH-India'

1. It is a part of the international Global Relay of Observatories Watching Transients Happen) network.
2. It is India's first robotic telescope jointly constructed by Indian Institute of Astrophysics (IIA), Bengaluru, and IIT Bombay
3. It is located at the Indian Astronomical Observatory (IAO) at Hanle in Ladakh

Select the correct statements

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

Q.5) Solution (d)

GROWTH-India telescope located at the Indian Astronomical Observatory (IAO) at Hanle in Ladakh is the country's first robotic telescope and the first one designed to observe dynamic or transient events in the universe.

It is part of the Global Relay of Observatories Watching Transients Happen. Its goals are threefold: (1) Search for explosions in the optical regime whenever LIGO group detects a Binary Neutron Star merger (2) study nearby young supernova explosions. (3) Study nearby asteroids.

It is jointly constructed by Indian Institute of Astrophysics (IIA), Bengaluru, and IIT Bombay.

Source: <https://www.thehindu.com/sci-tech/growth-india-telescopes-first-science-observation/article25526385.ece>