

Q.1) 'ANDREX Project' was in news recently. What is it associated with?

- a) Cryptocurrency
- b) Antarctic
- c) Arctic Mining
- d) Andes Mountain Range

Q.1) Solution (b)

Source: <https://www.thehindu.com/sci-tech/energy-and-environment/research-suggests-how-southern-ocean-could-control-global-climate/article29309267.ece>

Q.2) Consider the following statements with respect to 'AIDA Mission'

1. It is a joint international collaboration of the European Space Agency (ESA) and Indian Space Research Organisation (ISRO)
2. It aims to deflect the smaller part of a double asteroid dubbed Didymos.

Select the correct statements

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



Q.2) Solution (b)

The Asteroid Impact and Deflection Assessment (AIDA) mission is a proposed pair of space probes which would study and demonstrate the kinetic effects of crashing an impactor spacecraft into an asteroid moon. The mission is intended to test and validate impact models of whether a spacecraft could successfully deflect an asteroid on a collision course with Earth.

This mission aims to deflect the smaller part of a double asteroid dubbed Didymos. For this purpose, a spacecraft will be made to crash into the asteroid and later, another spacecraft will reach the asteroid to study the crash site and gather necessary data on effects of the collision.

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The AIDA mission is a joint international collaboration of the European Space Agency (ESA), the German Aerospace Center (DLR), Observatoire de la Côte d'Azur (OCA), NASA, and Johns Hopkins University Applied Physics Laboratory (JHU/APL).

Source: <https://gadgets.ndtv.com/science/news/asteroid-impact-deflection-assessment-nasa-esa-dart-hera-2095036>

Q.3) 'Khadi and Village Industries Commission' is under the aegis of which of the following ministries?

- a) Ministry of Micro, Small and Medium Enterprises
- b) Ministry of Commerce and Industry
- c) Ministry of Jal Shakti
- d) Ministry of Social Justice and Empowerment

Q.3) Solution (a)

The Khadi and Village Industries Commission (KVIC) is a statutory body formed by the Government of India, under the Act of Parliament, 'Khadi and Village Industries Commission Act of 1956'. It is an apex organisation under the Ministry of Micro, Small and Medium Enterprises, with regard to khadi and village industries within India, which seeks to - "plan, promote, facilitate, organise and assist in the establishment and development of khadi and village industries in the rural areas in coordination with other agencies engaged in rural development wherever necessary."



Q.4) Lake Urmia is located in

- a) Armenia
- b) Azerbaijan
- c) Iraq
- d) Iran

Q.4) Solution (d)

Lake Urmia is an endorheic salt lake in Iran.

September 4, 2019

The lake is between the provinces of East Azerbaijan and West Azerbaijan in Iran, and west of the southern portion of the Caspian Sea. At its greatest extent, it was the largest lake in the Middle East and the sixth-largest saltwater lake on Earth.

The lake has shrunk to 10% of its former size due to damming of the rivers that flow into it, and the pumping of groundwater from the surrounding area.

Q.5) Which one of the following groups of items is included in India's Foreign Exchange Reserves?

- a) Foreign-currency assets, gold holdings of the RBI and Special Drawing Rights (SDRs)
- b) Foreign-currency assets, Special Drawing Rights (SDRs) and loans from foreign countries
- c) Foreign currency assets, loans from the World Bank and Special Drawing Rights (SDRs)
- d) Foreign currency assets, gold holdings of the RBI and loans from the World Bank

Q.5) Solution (a)

India's Foreign Exchange Reserves contains the following:

- SDRs
- Gold
- Foreign Currency Assets
- Reserve Tranche Position in IMF

