

IASbaba's Daily Quiz

September 28, 2016

Q.1) Which of the following is/are mammals?

- a) Pika
- b) Armadillo
- c) Pangolin
- d) All of the above

Q.1) Solution (d)

Pika in news - <http://www.thehindu.com/sci-tech/energy-and-environment/new-species-of-pika-found-in-sikkim/article9150584.ece>

Pangolin in news - <http://www.thehindu.com/sci-tech/energy-and-environment/shy-pangolins-need-world-spotlight-to-survive/article9149653.ece>

Q.2) Project Iceworm is

- a) A UN project to protect Greenland ice sheets
- b) A top-secret United States Army program during the Cold War to build a network of mobile nuclear missile launch sites under the Greenland ice sheet
- c) A project in response to the April 1912 sinking of the Titanic
- d) None of the above

Q.2) Solution (b)

Project Iceworm was the code name for a top-secret United States Army program during the Cold War to build a network of mobile nuclear missile launch sites under the Greenland ice sheet. The ultimate objective of placing medium-range missiles under the ice — close enough to strike targets within the Soviet Union — was kept secret from the Danish government. To study the feasibility of working under the ice, a highly publicized "cover" project, known as Camp Century, was launched in 1960. However, unsteady ice conditions within the ice sheet caused the project to be cancelled in 1966.

In News - <http://www.thehindu.com/todays-paper/tp-national/melting-greenland-ice-threatens-to-expose-cold-war-waste/article9151507.ece>

Q.3) FARC rebels are from which of the following countries?

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- a) Colombia
- b) Venezuela
- c) Suriname
- d) Cuba

Q.3) Solution (a)

In News - <http://www.thehindu.com/todays-paper/tp-in-school/cartagena-colombia-sept-27-2016-afp/article9155253.ece>

Q.4) India has been ranked 39th among the 138 countries in the 2016-17 Global Competitiveness Index (GCI). It is released by

- a) World Trade Organisation
- b) World Economic Forum
- c) UNCTAD
- d) International Monetary Fund

Q.4) Solution (b)

In News - <http://indianexpress.com/article/business/economy/global-competitiveness-index-india-jumps-16-ranks-for-second-time-second-most-competitive-brics-economy/>

Q.5) Which of the following statement is/are correct?

1. PSLV is designed mainly to deliver the "earth observation" or "remote- sensing" satellites in LEO
2. GSLV is designed mainly to deliver the "communication- satellites" in GEO
3. An orbit is called sun-synchronous when the angle between the line joining the centre of the Earth and the satellite and the Sun is constant throughout the orbit
4. Low Earth Orbit (LEO) is in the range of 600- 900 Km altitude whereas Geo-synchronous Earth orbit (GEO) is about 36000 Km altitude

Choose the appropriate code:

- a) 1 and 2
- b) 3 and 4
- c) 1, 2 and 4

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d) All of the above

Q.5) Solution (d)

Sun-Synchronous - circular polar orbits (The remote sensing satellites orbit the earth from Pole-to-Pole)

GEO - zero deg inclination on equatorial plane (satellites in these orbits appear to remain permanently fixed in the same position in the sky, as viewed from a particular location on Earth, thus avoiding the need of a tracking ground antenna and hence are useful for the communication applications)

In News - <http://www.thehindu.com/news/national/mega-launchers-for-isro-soon/article9155342.ece>

