

Q.1) Global Innovation Index is released by

1. Cornell University U.S
2. World Intellectual Property Organization (WIPO)
3. INSEAD

Select the correct statements

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

Q.1) Solution (d)

The Global Innovation Index (GII) is an annual ranking of countries by their capacity for, and success in, innovation. It is published by Cornell University, INSEAD, and the World Intellectual Property Organization, in partnership with other organisations and institutions, and is based on both subjective and objective data derived from several sources, including the International Telecommunication Union, the World Bank and the World Economic Forum. The index was started in 2007 by INSEAD and World Business.

India currently ranks 60th out of 127 countries on the Global Innovation Index (GII) 2017.

Source: http://www.business-standard.com/article/news-cm/india-ranked-60th-most-innovative-country-on-the-global-innovation-index-2017-117121900203_1.html

Q.2) Consider the following about IMPRINT India

1. IMPRINT India' is a Pan-IIT and IISc joint initiative to develop a roadmap for research to solve major engineering and technology challenges
2. Ministry of Science and Technology is the nodal ministry but will have convergence with centres of excellence across the nation

Select the correct answer

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

Q.2) Solution (a)

IMPacting Research INnovation and Technology (IMPRINT)

'IMPRINT India' is a Pan-IIT and IISc joint initiative to develop a roadmap for research to solve major engineering and technology challenges in ten technology domains relevant to India.

Concerned Ministry - Ministry of Human Resource Development

Q.3) Consider the following statements about White Spotted Bush Frog

1. It is endemic to the Western Ghats
2. The male frogs guards the eggs and tadpoles until they are mature enough

Select the correct statements

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

Q.3) Solution (c)

They are found only in the Western Ghats' Agastya Hills in Kerala and Tamil Nadu).

They breed inside hollow bamboo stems.

The males both attended to the eggs by sitting on them [possibly to keep them hydrated], and physically guarded them by standing between the eggs and the entry hole, scaring away intruders by producing loud alarm calls and even lunging at them.

Source: <http://www.thehindu.com/sci-tech/energy-and-environment/zealous-frog-fathers-guard-eggs-against-cannibals/article21827915.ece>

Q.4) Consider the following statements about 'KeRanger'

1. It is ransomware targeting computers running the Microsoft Windows operating system
2. It encrypts the user's file tables and then demands a BitCoin payment to decrypt them

Select the correct statements

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

Q.4) Solution (d)

KeRanger (also known as OSX.KeRanger.A) is a ransomware trojan horse targeting computers running macOS. Discovered on March 4, 2016, by Palo Alto Networks, it affected more than 7,000 Mac users.

KeRanger is remotely executed on the victim's computer from a flaw in Transmission, a popular BitTorrent client.

Source; <http://www.thehindu.com/todays-paper/tp-opinion/for-a-safe-cyberspace/article21908740.ece>

Q.5) 'Sorek' is the largest de-salinization plant of the world producing drinking water from saline sea water. Which of the following statements are correct about it?

1. It is developed by Israel
2. The desalination facility uses seawater reverse osmosis (SWRO)

Select the correct code

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

Q.5) Solution (c)

It is the world's largest modern seawater desalination plant, providing 20 percent of the water consumed by the country's households. Built for the Israeli government by Israel Desalination Enterprises, or IDE Technologies, at a cost of around \$500 million, it uses a conventional desalination technology called reverse osmosis (RO).

IASbaba's Daily Quiz

December 20, 2017

Source: <http://indianexpress.com/article/india/indian-parliamentary-delegation-visiting-israel-ahead-of-pm-modis-visit-4690570/>

