

IASbaba's Daily Quiz

February 15, 2017

Q.1) Consider the following statements about INS Sarvekshak

1. It became the first naval ship to go green by installing a solar power system on board
2. It is a Sandhayak Class survey vessel

Select the correct code:

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

Q.1) Solution (c)

Indian Navy's survey vessel INS Sarvekshak, based at the Southern Naval Command in Kochi became the first naval ship to go green by installing a solar power system on board. It has innovatively deployed the zero-maintenance solar power system, capable of generating 5.4KW electricity and replacing the ship's traditional 4.4KW emergency diesel alternator.

The solar power generating system has been installed by customising and installing 'razor-thin, flexible' solar panels on the canopy of its telescopic (retractable) helicopter deck. It has light weight, extra-thin and flexible unbreakable solar panels imported from US along with no-fume solid electrolyte batteries. These industrial grade panels are found to be performing well in all-light conditions and are shade-tolerant. They also have a maintenance free life for 24 years making it maintenance free. The system is 100% reliable for power source that can be used for communication equipment, general lightings onboard and battery charging round the clock with battery outputs during night. The low cost system will slash a yearly carbon emission of 60,225 kg and save around 22,995 litres of diesel used to run the vessel's emergency diesel alternator.

Sandhayak Class – Survey Vessels

- INS Nirupak (J14)
- INS Investigator (J15)
- INS Jamuna (J16)
- INS Sutlej (J17)
- INS Sandhayak (J18)
- INS Darshak (J20)
- INS Sarvekshak (J22)

In News - <http://indianexpress.com/article/india/ins-sarvekshak-goes-green-instals-solar-power-system-4520969/>

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Q.2) Consider the following statements about Survey of India

1. It is India's central engineering agency in charge of mapping and surveying
2. It was set up in 1767 to help consolidate the territories of the British East India Company
3. It is going to remeasure the height of Mt. Everest

Which of the following statements is/are correct?

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

Q.2) Solution (d)

It is India's central engineering agency in charge of mapping and surveying. Set up in 1767 to help consolidate the territories of the British East India Company, it is one of the oldest Engineering Departments of the Government of India. The Survey of India's distinguished history includes the handling of the mammoth Great Trigonometrical Survey under William Lambton and George Everest and the discovery of Mt. Everest. Its members are from Survey of India Service cadre of Civil Services of India.

In News - <http://www.thehindu.com/sci-tech/science/Mt.-Everest-to-be-remeasured-by-Survey-of-India/article17087651.ece>

Q.3) Budget 2017-18 proposes to establish a National Testing Agency. Consider the following statements about National Testing Agency (NTA)

1. It will be an autonomous and self-sustained premier testing organization to conduct all entrance examinations for higher education institutions
2. It would free CBSE, AICTE and other premier institutions from these administrative responsibilities so that they can focus more on academics

Which of the following statements is/are correct?

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

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Q.3) Solution (c)

In News - <http://www.livemint.com/Education/7dDcHe1Hlt8Ae2cu7PpEsO/National-Testing-Agency-may-conduct-entrance-exams-Prakash.html>

Q.4) Country "X" became the world's first country to stop investing in fossil fuels. Which is that country?

- a) Sweden
- b) Ireland
- c) Iceland
- d) Denmark

Q.4) Solution (b)

In News - <http://timesofindia.indiatimes.com/home/environment/ireland-just-became-the-worlds-first-country-to-stop-investing-in-fossil-fuels/articleshow/56872723.cms>

Q.5) Bajaj Committee is concerned with

- a) Krishna River water sharing
- b) Narmada River water sharing
- c) Godavari River water sharing
- d) None of the above

Q.5) Solution (a)

In News - <http://www.thehindu.com/todays-paper/Injustice-done-to-us-since-1956-TS-tells-Bajaj-panel/article17299850.ece>

