

# IASbaba's Daily Quiz

December 2, 2016

**Q.1) Consider the following statements about Low Temperature Thermal Desalination (LTTD)**

1. The system uses vacuum pumps to create a low pressure and low-temperature environment
2. LTTD technology indigenously developed and demonstrated by the National Institute of Ocean Technology (NIOT) have been successfully commissioned at Kavaratti, Minicoy, and Agatti islands

**Select the correct statements**

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

**Q.1) Solution (c)**

Three desalination plants, based on the Low Temperature Thermal Desalination (LTTD) technology indigenously developed and demonstrated by the National Institute of Ocean Technology (NIOT).

It is a desalination technique which takes advantage of the fact that water evaporates at lower temperatures at low pressures, even as low as ambient temperature.

The system uses vacuum pumps to create a low pressure, low-temperature environment in which water evaporates even at a temperature gradient of 8°C between two volumes of water.

In News - <http://pib.nic.in/newsite/PrintRelease.aspx?relid=154650>

**Q.2) Which of the following is are correctly matched?**

1. Jeevan Pramaan :: Aadhaar based Biometric Authentication System for Pensioners
2. E-Taal :: Portal for dissemination of statistics related to electronic transactions under national and state level e-governance projects including MMPs
3. MyGov :: Link between Government and Citizens towards meeting the goal of good governance

**Select the correct code**

- a) 1 and 2

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

### Q.2) Solution (d)

MyGov aims to establish a link between Government and Citizens towards meeting the goal of good governance

Jeevan Pramaan is an Aadhaar based Biometric Authentication System for Pensioners.

E-Taal is a portal for dissemination of statistics related to electronic transactions under national and state level e-governance projects including MMPs. It receives transaction statistics from web based applications periodically on near real time basis. eTaal presents quick analysis of transaction counts in tabular and graphical form.

In News - <http://pib.nic.in/newsite/PrintRelease.aspx?relid=154617>

### Q.3) Which of the following sites is/are identified under Pilgrimage Rejuvenation and Spiritual Augmentation Drive (PRASAD)

1. Amaravati, Andhra Pradesh
2. Ajanta, Maharashtra
3. Hazratbal, J&K
4. Patna, Bihar

Select the correct code

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

### Q.3) Solution (a)

Aim of PRASAD - To create spiritual centres for tourism development within the nation

23 sites of religious significance have been identified for development in India including Himalayan areas, namely

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1. Amaravati (Andhra Pradesh)
2. Amritsar (Punjab)
3. Ajmer (Rajasthan)
4. Ayodhya (Uttar Pradesh)
5. Dwarka (Gujarat)
6. Deoghar (Jharkhand)
7. Belur (West Bengal)
8. Gaya (Bihar)
9. Guruvayoor (Kerala)
10. Hazratbal (Jammu & Kashmir)
11. Kamakhya (Assam)
12. Kanchipuram (Tamil Nadu)
13. Kedarnath (Uttarakhand)
14. Mathura (Uttar Pradesh)
15. Patna (Bihar)
16. Puri (Odisha)
17. Srisailem (Andhra Pradesh)
18. Somnath (Gujarat)
19. Tirupati (Andhra Pradesh)
20. Trimbakeshwar (Maharashtra)
21. Ujjain (Madhya Pradesh)
22. Varanasi (Uttar Pradesh)
23. Vellankani (Tamil Nadu)

**Q.4) Kudankulam Nuclear Power Project is located in**

- a) Kerala
- b) Tamil Nadu
- c) Karnataka
- d) Andhra Pradesh

**Q.4) Solution (b)**

In News – [www.thehindu.com/news/national/tamil-nadu/'Kudankulam's-first-reactor-has-posted-Rs.-1000-crore-profit'/article16741492.ece](http://www.thehindu.com/news/national/tamil-nadu/'Kudankulam's-first-reactor-has-posted-Rs.-1000-crore-profit'/article16741492.ece)

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## Q.5) OraQuick is

- a) A question and answer website
- b) HIV self-testing kit
- c) A German supercompute
- d) None

## Q.5) Solution (b)

The WHO-approved OraQuick HIV self-testing is based on HIV antibodies present in oral and blood samples. The test can detect antibodies developed within three months of getting infected. It is a screening test, and a positive result should be reconfirmed through a blood-based test.

The OraQuick self-testing makes diagnosis easier and faster, besides ensuring privacy and confidentiality, thus encouraging more people to get tested.

In News - <http://www.thehindu.com/opinion/editorial/HIV-The-self-test-option/article16737936.ece>

