

# IASbaba's Daily Quiz

January 3, 2017

**Q.1) Internet of Birds (IoB) is the first platform to identify birds from the Indian subcontinent through the power of Artificial Intelligence, Deep Learning and Image Recognition. It is developed by**

- a) Indian Bird Conservation Network and CISCO
- b) Accenture and the Bombay Natural History Society (BNHS)
- c) Salim Ali Bird Sanctuary
- d) Keoladeo National Park

**Q.1) Solution (b)**

IT consultancy firm Accenture and the Bombay Natural History Society have developed an Internet of Things-based Birds platform that identifies bird species found in India.

Using Artificial Intelligence technology, including machine learning and computer vision, the cloud-based service uses an Accenture-created image recognition and deep learning platform to accurately identify bird species from digital photos that are uploaded by the public.

The 'Internet of Birds' platform, available to anyone, anywhere, for free, uses a unique citizen crowd sourcing approach to engage more people in bird watching by identifying key species of birds and inspiring an interest in nature conservation.

India is a biodiversity hotspot and is home to almost 12.5 per cent of the world's avifauna, consisting of 1,300 species. The 'Internet of Birds' platform can initially identify approximately 300 species but will eventually support all species found in India.

"Birds are excellent indicators of their environment, providing ecological information based on when and where they are located.

In News - <http://www.thehindubusinessline.com/info-tech/now-flaunt-your-bird-knowledge-with-iot-platform/article9455422.ece>

**Q.2) The Supreme Court judgement on Sadiq Ali vs Election Commission of India is concerned with**

- a) Allotment of a symbol
- b) Election speeches
- c) Absentee voting
- d) NOTA

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## Q.2) Solution (a)

“The symbol is not a property to be divided between co-owners. The allotment of a symbol to the candidates set up by a political party is a legal right. And in case of a split, the Commission has been authorised to determine which of the rival groups or section is the party entitled to the symbol. The Commission, in resolving this dispute, does not decide as to which group represents the party, but which group is that party,” a three-judge Supreme Court Bench of Justices H.R. Khanna, K.S. Hegde and A.N. Grover clarified the purpose of Paragraph 15, while upholding the constitutionality of the test of majority in Sadiq Ali v. Election Commission of India.

In News - <http://www.thehindu.com/todays-paper/tp-national/Who-will-get-%E2%80%98cycle%E2%80%99-It%E2%80%99s-poll-panel%E2%80%99s-call/article16975517.ece>

## Q.3) Consider the following statements about Gyrotrons

1. Gyrotron is a device used in nuclear fusion
2. Gyrotrons produce very high-energy, high-frequency microwaves which are used for generating the plasma

Which of the following statements is/are correct?

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

## Q.3) Solution (c)

Gyrotron is a device used in nuclear fusion, a process that releases much more energy and is far cleaner than the currently used fission process.

For nuclear fusion, India would need gyrotrons. Crucial devices in fusion reaction, gyrotrons produce very high-energy, high-frequency microwaves which are used for generating the plasma.

In News - <http://pib.nic.in/newsite/PrintRelease.aspx?relid=155992>

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## Q.4) Consider the following statements about Samba Mahsuri Rice Variety

1. It is a high yielding fine grain rice variety released by Directorate of Rice Research (DRR)
2. The variety was developed using Marker assisted selection and has three major bacterial blight resistance genes Xa21, xa13 and xa5
3. It is resistant to bacterial blight disease

### 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.4) Solution (d)

### Samba Mahsuri Rice Variety – Bacterial Blight Resistant

- It is a high yielding fine grain rice variety released by Directorate of Rice Research.
- The variety was developed using Marker assisted selection and has three major bacterial blight resistance genes Xa21, xa13 and xa5.
- It is being cultivated in ~ 90,000 hectares in the states of Andhra Pradesh, Telangana, Karnataka and Tamil Nadu.

In News - <http://pib.nic.in/newsite/PrintRelease.aspx?relid=155992>

## Q.5) Which of the following statements about 'Hunar Se Rozgar Tak' is/are correct?

- a) It is a flagship Programme of the Ministry of Tourism to impart employable skills to youth in the age group of 18 to 28 years
- b) Badhate Kadam I covers four hospitality trades namely Food Production, Food & Beverages Services, Bakery and Patisserie and Housekeeping Utility
- c) Badhate Kadam II provides training courses to bring up Event Facilitators, Tour Assistants, Transfer Assistants and Office Assistants, Tourism Security Guards, Skin Care & Spa Therapists
- d) All of the above

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### Q.5) Solution (d)

#### Hunar Se Rozgar Tak

- A flagship Programme of the Ministry of Tourism to impart employable skills to youth in the age group of 18 to 28 years.
- The total number of persons trained under the Programme since its inception in the year 2009 stood at about 263918.
- In order to expand the HSRT outreach, it was opened up to implementation by private organizations with domain specific credentials/competence in terms of two verticals titled Badhate Kadam I and Badhate Kadam II.
- **Badhate Kadam I** covers four hospitality trades namely Food Production, Food & Beverages Services, Bakery and Patisserie and Housekeeping Utility
- **Badhate Kadam II** provides training courses to bring up Event Facilitators, Tour Assistants, Transfer Assistants and Office Assistants, Tourism Security Guards, Skin Care & Spa Therapists.

In News - <http://pib.nic.in/newsite/PrintRelease.aspx?relid=155985>

