

## IASbaba's Daily Quiz

February 8, 2017

**Q.1) Bhitarkanika National Park and Gahirmatha Marine Sanctuary is located in which of the following states?**

- a) Jharkhand and Odisha
- b) Both Odisha
- c) Uttarakhand and Gujarat
- d) Madhya Pradesh and Maharashtra

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

The salt-water estuaries of Bhitarkanika national park and Gahirmatha marine sanctuary in Odisha continue to be a congenial habitat for endangered Irrawaddy dolphins species.

Irrawaddy dolphin (*Orcaella brevirostris*) is a highly endangered species. Total population of these animals in the world is estimated to be less than 7,500 with highest being little over 6,000 reported from Bangladesh. The population of Irrawaddy dolphins in Chilika is considered to be the highest single lagoon population with recorded head count of 121 this year.

**In News - <http://indianexpress.com/article/india/irrawaddy-dolphins-continue-to-be-endangered-in-bhitarkanika-gahirmath/>**

**Q.2) Consider the following statements about 'Measles'**

- 1. It is caused by a virus
- 2. It is non-contagious

**Select the correct code:**

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

**Q.2) Solution (a)**

Measles is a highly contagious infection caused by the measles virus. Initial signs and symptoms typically include fever, often greater than 40 °C (104.0 °F), cough, runny nose, and inflamed eyes. Two or three days after the start of symptoms, small white spots may form inside the mouth, known as Koplik's spots.

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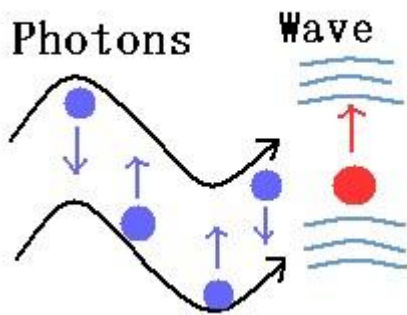
In News - <http://www.thehindu.com/news/cities/chennai/Over-19-lakh-vaccinated-in-Measles-Rubella-drive/article17245355.ece>

**Q.3) Photons have properties similar to that of**

- a) Waves
- b) Particles
- c) Both particles and waves
- d) Neither particles nor waves

**Q.3) Solution (c)**

A photon describes the particle properties of an electromagnetic wave instead of the overall wave itself.



In News – <http://www.thehindu.com/opinion/op-ed/Back-to-basics/article17205336.ece>

**Q.4) Where does exchange of gases (O<sub>2</sub> and CO<sub>2</sub>) take place in our lungs?**

- a) Alveoli
- b) Bronchi
- c) Pleura
- d) Trachea

**Q.4) Solution (a)**

Alveoli are tiny sacs within our lungs that allow oxygen and carbon dioxide to move between the lungs and bloodstream.

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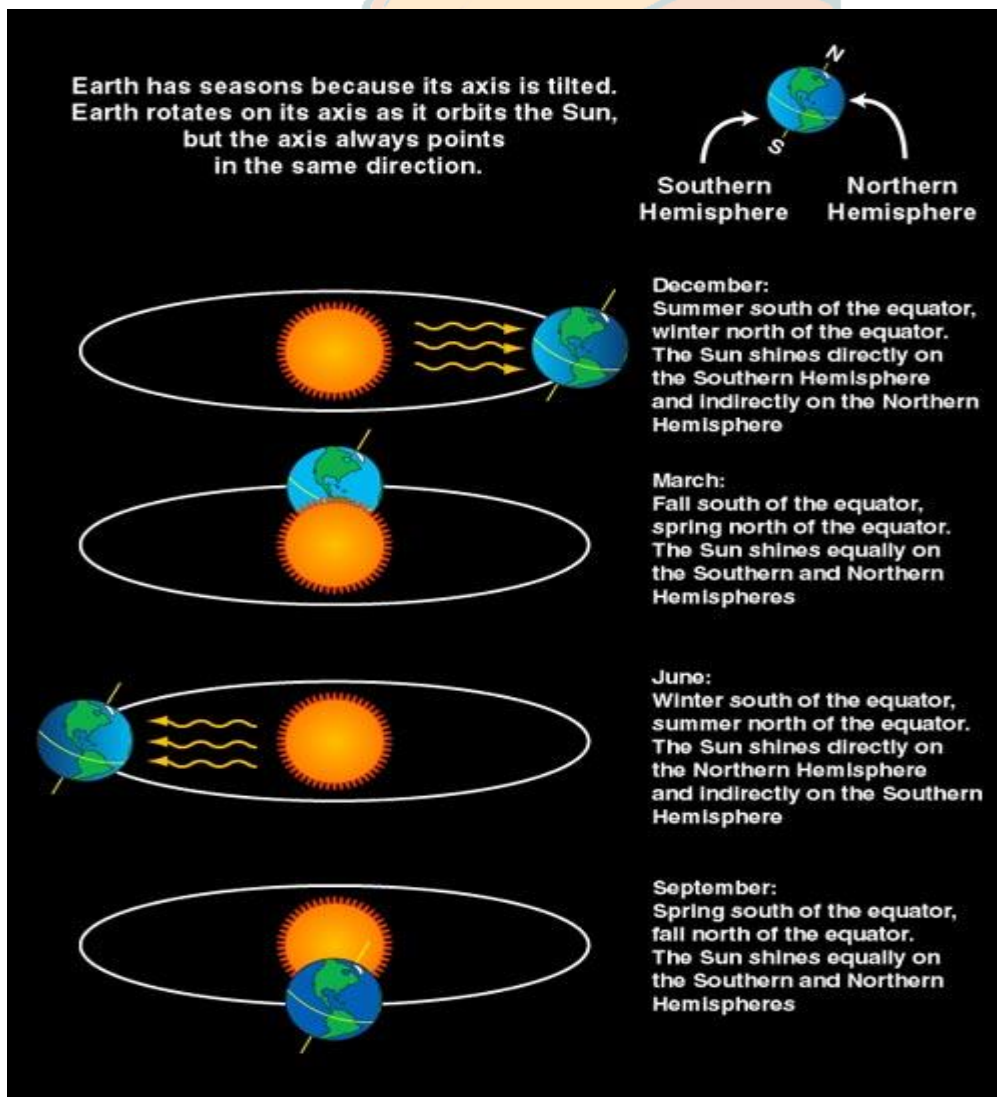
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In News - <http://www.thehindu.com/todays-paper/tp-national/How-lung-disease-can-block-ability-to-self-heal/article16897225.ece>

**Q.5) Seasons on the Earth are caused due to**

- a) The elliptical orbit of the Earth
- b) Alteration/change in the speed of revolution of the Earth
- c) Inclination of the Earth on its axis of rotation
- d) Differences in the amount of energy received from the Sun

**Q.5) Solution (c)**



Read More - <http://www.weatherquestions.com/What causes the seasons.htm>