

## IASbaba's Daily Quiz

October 4, 2016

**Q.1) Consider the following statements with respect to Organization of the Petroleum Exporting Countries (OPEC)**

1. All the founding members were from Asia
2. It is headquartered in Baghdad

**Select the correct statement(s)**

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

**Q.1) Solution (d)**

Founding Members - by Iran, Iraq, Kuwait, Saudi Arabia and Venezuela (South America)

It is headquartered in Vienna

In News - <http://www.thehindu.com/todays-paper/tp-opinion/opecs-roll-of-the-dice/article9177400.ece>

**Q.2) Consider the following statements about South Asia Subregional Economic Cooperation (SASEC)**

1. All the members of SASEC are members of SAARC
2. Asian Development Bank (ADB) serves as the Secretariat for the SASEC member countries

**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.2) Solution (c)**

The South Asia Subregional Economic Cooperation (SASEC) Program, set up in 2001, brings together Bangladesh, Bhutan, India, the Maldives, Nepal and Sri Lanka.

# IASbaba's Daily Quiz

October 4, 2016

These countries are members of SAARC.

Afghanistan and Pakistan (members of SAARC) are included in SASEC

The Manila, Philippines-based Asian Development Bank (ADB) serves as the Secretariat for the SASEC member countries.

**In News - [http://www.business-standard.com/article/news-cm/six-member-countries-of-the-south-asia-sub-regional-economic-cooperation-sasec-releases-its-operational-plan-2016-2025-116092600868\\_1.html](http://www.business-standard.com/article/news-cm/six-member-countries-of-the-south-asia-sub-regional-economic-cooperation-sasec-releases-its-operational-plan-2016-2025-116092600868_1.html)**

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

1. It is high in nitrogen
2. It is adulterated in milk and food products to increase its protein content

Which of the following statement(s) is/are correct?

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

### Q.3) Solution (c)

Melamine is a by-product of the coal industry. It is a chemical compound with numerous industrial uses, including the production of plastics, dishware, kitchenware, commercial filters, laminates, adhesives, molding compounds, coatings and flame retardants.

Melamine ((1,3,5-triazine-2,4,6-triamine) is high in nitrogen (C<sub>3</sub>N<sub>6</sub>H<sub>6</sub>)

It is this characteristic that has led to its illegal addition to food and feed for the purpose of increasing the apparent protein content of food and feed products.

### How does melamine give an apparent increase in protein content?

One of the standard tests for measuring the protein content in food actually measures the level of nitrogen and based on this estimated the level of protein in the food. As melamine is high in nitrogen such tests will interpret this nitrogen content as protein. Therefore, if milk has been diluted with water and melamine has been added, measuring the nitrogen level to determine protein content will disguise the fact that water has been added to the milk.

However, there are a number of other methods now available to test the protein content in

# IASbaba's Daily Quiz

October 4, 2016

food which do not focus on the measurement of nitrogen content. When such tests are used the increased nitrogen content due to the presence of melamine will not be measured. In cases of diluted milk these tests will detect reduced protein content.

**In News -** <http://www.thehindu.com/news/national/a-new-handheld-device-to-detect-melamine-in-milk/article9159866.ece>

## Q.4) Consider the following statements about Advantage Healthcare India (AHCI 2016)

1. It is an International Summit on Medical Value Travel with aim of 'Promoting Healthcare Services Exports from India'
2. It is an initiative by Ministry of Health and Family Welfare

**Select the correct statement(s)**

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

## Q.4) Solution (a)

**What is it:** an International Summit on Medical Value Travel with aim of 'Promoting Healthcare Services Exports from India'

**Initiative of Ministry of Commerce & Industry,** GoI with FICCI and Service Export Promotion Council (SEPC)

FICCI is the voice of India's business and industry. Established in 1927, it is India's oldest and largest apex business organization. It serves its members from the Indian private and public corporate sectors and multinational companies, drawing its strength from diverse regional chambers of commerce and industry across states, reaching out to over 2,50,000 companies.

SEPC is set by the Ministry of Commerce & Industry, Government of India, SEPC is an apex trade body to facilitate service exporters of India and serving as a platform of interaction between service exporters and policy makers. SEPC has been instrumental in promoting the efforts of Indian service exporting community since 2006.

# IASbaba's Daily Quiz

October 4, 2016

Supported by Ministry of Home Affairs, Ministry of Health & Family Welfare, Ministry of AYUSH, Ministry of External Affairs and Ministry of Tourism, Government of India and National Accreditation Board for Hospitals & Healthcare Providers (NABH)

**Objective:** to promote India as a Premier Global Healthcare Destination and to enable streamlined medical services exports from India.

It is a **unique conglomeration of 5Ts**

- Tradition – promoting AYUSH and wellness industry
- Technology – promoting technologically advanced medical treatment in India
- Tourism – encouraging people to travel to India for medical value reasons
- Talent – showcasing globally renowned Indian talent in healthcare sector
- Trade – creating unique B2B institutionalized linkages

AHCI will bring together stakeholders from 67 countries, first such initiative in the Indian Subcontinent.

**Importance:**

- The medical value travel industry has emerged as one of the fastest growing segment of tourism industry despite the global economic downturn.
- India is emerging as a preferred healthcare destination for patients across the globe.
- Growing at a compounded annual growth rate (CAGR) of 27%, the inflow of medical tourists in India is likely to cross 3.2 million in 2015.

In News - <http://pib.nic.in/newsite/PrintRelease.aspx?relid=151312>

**Q.5) Consider the below statements:**

1. When a gene from one organism is purposely moved to improve or change another organism in a laboratory, the result is a genetically modified organism (GMO).
2. The Cartagena Protocol regulates transboundary movement, transit, handling and use of living modified organisms (LMO) that may have adverse effects on the conservation and sustainable use of biological diversity.

**Which statement(s) is/are correct?**

- a) 1 only
- b) 2 only
- c) Both
- d) None

# IASbaba's Daily Quiz

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October 4, 2016

## Q.5) Solution (c)

When a gene from one organism is purposely moved to improve or change another organism in a laboratory, the result is a genetically modified organism (GMO).

The Cartagena Protocol regulates transboundary movement, transit, handling and use of living modified organisms (LMO) that may have adverse effects on the conservation and sustainable use of biological diversity.

“Living Modified Organism” (LMO) is a defined term that captures a wide range of genetically modified organisms.

The Protocol addresses two general categories of LMOs:

- those intended for release into the environment (e.g., seeds for cultivation and animals for breeding) and
- those intended for use in food or feed, or for processing (e.g., bulk commodities, such as corn, cotton, and soy)

In News: <http://www.thehindu.com/opinion/op-ed/the-battle-over-bt-cotton/article9180979.ece>

Source: <https://www.cbd.int/doc/articles/2002-/A-00431.pdf>

