

IASbaba's Daily Quiz

August 26, 2016

Q.1) A test has been developed that could help diagnose bacterial infections, including meningitis in minutes. Consider the following statements regarding Meningitis—

1. It is an acute inflammation of the protective membranes covering the brain and spinal cord.
2. The inflammation is caused by infection of bacteria only.

Select the correct option:

- a) Only 1
- b) Only 2
- c) Both 1 and 2
- d) None of the above

Q.1) Solution: (a)

Meningitis:

- Meningitis is an acute inflammation of the protective membranes covering the brain and spinal cord, known collectively as the meninges.
- The inflammation may be caused by infection with viruses, bacteria, or other microorganisms, and less commonly by certain drugs.
- Bacterial Meningitis is spread from person to person by exchanging respiratory and throat secretions (saliva or spit) during close (for example, coughing) or lengthy contact, especially if living in the same household.
- Can lead to serious long-term consequences such as deafness, epilepsy, hydrocephalus, or cognitive deficits, especially if not treated quickly

Quick Facts:

- In 2013, meningitis occurred in about 16 million people worldwide
- **Meningitis belt:** Area of sub-Saharan Africa; Outbreaks of bacterial meningitis occur between December and June each year

Current Development: *A test has been developed that could help diagnose bacterial infections, including meningitis in minutes:* but will take time to develop a cheap testing device

Refer:

<https://en.wikipedia.org/wiki/Meningitis>

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<http://www.thehindu.com/sci-tech/health/new-test-may-diagnose-meningitis-in-minutes/article9032543.ece>

Q.2) Recently the Union Cabinet gave its approval for signing of new Air Services Agreement (ASA) between India and Fiji. Consider the following statements with respect to ASA

1. Both countries shall be entitled to designate one or more airline and only those airlines shall have the right to establish offices in the territory of the other country for the promotion and sale of air services
2. The carriers of Fiji can establish direct operation to Delhi, Mumbai and Chennai, Bangalore and Hyderabad

Which of the following statements is/are correct?

- a) Only 1
- b) Only 2
- c) Both 1 and 2
- d) None of the above

Q.2) Solution (a)

Features of the Air Services Agreement –

- **Both countries shall be entitled to designate one or more airline.**
- **The designated airlines of either country shall have the right to establish offices in the territory of the other country for the promotion and sale of air services.**
- The designated airlines of the two countries shall have fair and equal opportunity to operate the agreed services on specified routes. The routes and frequencies shall be decided subsequently.
- The designated airline will be free to decide tariffs in respect of the agreed services at reasonable levels based on the commercial considerations.
- The designated Airline of each party can enter into cooperative marketing arrangements with the designated carriers of same party and other party.
- Apart from the above, the ASA also has the provisions relating to Revocation or Suspension of Operating Authorization, Principles governing operations of agreed services, commercial opportunities, safety related clause etc. that were incorporated in the line of Indian model ASA.
- The existing Route Schedule annex to the ASA has also been revised and new points of call have been added for enhanced connectivity. Now **Indian carriers can operate**

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to any points in Fiji from points in India whereas the carriers of Fiji can establish direct operation to Delhi, Mumbai and Chennai in India and by code share with Indian carriers to Bangalore, Kolkata, Hyderabad apart from points given for direct operation. Besides this, Kochi, Varanasi, Ahmedabad and Amritsar may be served through domestic code share operations.

Q.3) Udaipur Declaration is concerned with –

- a) Disaster Risk Management
- b) Food Security
- c) Wildlife Protection
- d) BRICS Women Parliamentarians

Q.3) Solution (a)

2 day meet of Ministers of Disaster Management of BRICS countries in Udaipur.

A dedicated Joint Task Force for Disaster Risk Management for regular dialogue, exchange, mutual support and collaboration among BRICS Countries to be set up.

Q.4) Which of the following is the only state to sign an MoU with the Ministry of Civil Aviation and the Airports Authority of India for Regional Connectivity Scheme to develop 10 districts

- a) Telangana
- b) Maharashtra
- c) Odisha
- d) Rajasthan

Q.4) Solution (b)

Maharashtra Government has signed a MoU with the Union Civil Aviation Ministry and Airports Authority of India (AAI) to develop 10 airports as part of the Centre's Regional Connectivity Scheme

Aim: To facilitate regional air connectivity by making air travel affordable and move aviation sector in Maharashtra to next level

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With this Maharashtra became first state in the country to formally to provide the concessions required from the State Governments in the Regional Connectivity Scheme

Q.5) Consider the below statements and select the correct statement/s from the options provided below:

1. National Biodiversity Authority (NBA) is an apex body under the "Rules for the Manufacture, Use, Import, Export and Storage of Hazardous Microorganisms/Genetically Engineered Organisms or Cells, 1989".
2. NBA is an Environment Ministry body whose clearance is mandatory for testing GM crops in farmer fields.

Choose the appropriate code:

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

Q.5) Solution (d)

It is the Genetic Engineering Appraisal Committee (GEAC), an Environment Ministry body, whose clearance is mandatory for testing GM crops in farmer fields.

In other words, the Genetic Engineering Appraisal Committee (GEAC), the apex body under the "Rules for the Manufacture, Use, Import, Export and Storage of Hazardous Microorganisms/Genetically Engineered Organisms or Cells, 1989", has the mandate to approve large scale trials and environmental release of Genetically Modified Organisms (GMOs) and ensure that research, development and testing of GMOs prior to environment release are conducted in a safe and scientific manner through appropriate implementation of Rule 1989 and biosafety guidelines.

National Biodiversity Authority (NBA) was established by the Government of India in October, 2013 at Chennai (Tamil Nadu) under Section (8) of the Biological Diversity Act.

NBA is an autonomous, statutory and regulatory organization which is intended to implement the provisions of Biological Diversity Act, 2002.

Click: <http://www.thehindu.com/news/national/gm-mustard-moves-closer-to-approval/article9032700.ece>