

## IASbaba's Daily Quiz

September 14, 2016

**Q.1) Consider the following statements with respect to Genetic Engineering Appraisal Committee (GEAC)**

1. It is under the Ministry of Science and Technology
2. It is the apex body for approval of activities involving large scale use of hazardous microorganisms and recombinants
3. It is responsible for approval of proposals relating to release of genetically engineered organisms and products into the environment including experimental field trials

**Which of the following statements is/are correct?**

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

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

Genetic Engineering Appraisal Committee (GEAC) established under **Ministry of Environment and Forests and Climate Change (MoEFCC)** is the apex body to accord notified under Rules 1989.

For approval of activities involving large scale use of hazardous microorganisms and recombinants in research and industrial production from the environmental angle

The GEAC is also responsible for approval of proposals relating to release of genetically engineered organisms and products into the environment including experimental field trials (Biosafety Research Level trial-I and II known as BRL-I and BRL-II)

**In News** - <http://www.dnaindia.com/india/report-geac-eases-norms-for-field-trials-of-gm-crops-2254175>

**Q.2) The Tea Board of India has sought the Centre's approval for modifying an insurance scheme meant for workers in small tea gardens. Consider the following statements**

1. Tea is a state subject
2. Tea Board of India is under the Ministry of Consumer Affairs, Food and Public Distribution
3. Tea Board of India is set up under the Tea Act 1953

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Select the correct statement(s)

- a) 1 and 2
- b) Only 3
- c) 2 and 3
- d) 1 and 3

## Q.2) Solution (b)

Tea is one of the industries, which by an Act of Parliament comes under the control of the Union Govt. The genesis of the Tea Board India dates back to 1903 when the Indian Tea Cess Bill was passed. The Bill provided for levying a cess on tea exports - the proceeds of which were to be used for the promotion of Indian tea both within and outside India. The present Tea Board set up under section 4 of the Tea Act 1953 was constituted on 1st April 1954. It has succeeded the Central Tea Board and the Indian Tea Licencing Committee which functioned respectively under the Central Tea Board Act, 1949 and the Indian Tea Control Act, 1938 which were repealed. The activities of the two previous bodies had been confined largely to regulation of tea cultivation and export of tea as required by the International Tea Agreement then in force, and promotion of tea Consumption.

Organisation of the Board: The present Tea Board is functioning as a statutory body of the Central Government under the **Ministry of Commerce**. The Board is constituted of 31 members (including Chairman) drawn from Members of Parliament, tea producers, tea traders, tea brokers, consumers, and representatives of Governments from the principal tea producing states, and trade unions .The Board is reconstituted every three years.

In News - <http://www.thehindu.com/business/Industry/tea-board-seeks-nod-for-insurance-scheme/article9094804.ece>

Q.3) Consider the below statements in regard to First Information Report (FIR), a written document prepared by police organizations in India and select the incorrect statement:

- a) The police can register FIRs only for cognizable offences.
- b) It is mandatory for the police to upload all types of FIRs on police or government websites within 48 hours of their registration in police stations.
- c) If the police refuse to register an FIR, a written complaint can be sent to the Superintendent of Police.
- d) A complaint may also be given directly to the Judicial Magistrate, who can direct the police to investigate the case.

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## Q.3) Solution (b)

The police can register FIRs only for cognizable offences — where the police have the power to arrest without a warrant. Examples of cognizable offences include murder, rape, theft, attack, etc. For non-cognizable offences, such as bigamy or defamation, the police cannot arrest without a warrant and thus cannot register an FIR. The complaint is sent to the Judicial Magistrate for action.

Last week the Supreme Court of India made it mandatory for the police to upload within 48 hours a First Information Report (FIR) drawn up by it suo motu or on a complaint.

According to the order, there will be exemption from the directive when the alleged offence is sensitive, such as sexual violence or one in which there is an angle of national security, insurgency or terrorism. We endorse this exception, because we are living in times when both privacy and terror issues matter greatly.

Statement (b) is wrong because FIRs which involves national security, insurgency or terrorism are exempted from this mandatory clause.

In News - <http://www.thehindu.com/opinion/lead/on-the-sc-order-for-quick-uploading-of-firs-by-police/article9104526.ece?homepage=true>

## Q.4) Consider the following statements with respect to Magnetars

1. It is a type of a neutron star
2. They are differentiated from other neutron stars by having even stronger magnetic fields and rotating comparatively slowly
3. The magnetic field decay powers the emission of X-rays and gamma rays

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

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

## Q.4) Solution (d)

A magnetar is a type of neutron star with an extremely powerful magnetic field.

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The magnetic field decay powers the emission of high-energy electromagnetic radiation, particularly X-rays and gamma rays.

Like other neutron stars, magnetars are around 20 kilometres (12 mi) in diameter and have a mass 2–3 times that of the Sun. Magnetars are differentiated from other neutron stars by having even stronger magnetic fields, and rotating comparatively slowly, with most magnetars completing a rotation once every one to ten seconds, compared to less than one second for a typical neutron star.

This magnetic field gives rise to very strong and characteristic bursts of X-rays and gamma rays. The active life of a magnetar is short.

Their strong magnetic fields decay after about 10,000 years, after which activity and strong X-ray emission cease.

**In News** - <http://www.thehindu.com/sci-tech/science/trio-of-highenergy-telescopes-spots-slowest-known-magnetar/article9094873.ece>

<http://www.thehindu.com/sci-tech/demystifying-science-what-are-magnetars/article9094838.ece>

**Q.5) Operation 'Calm Down' refers to**

- a) Returning lorries back to Tamil Nadu in lieu of the recent violent clash in the state of Karnataka
- b) Constructing a 'Giant Sea Well' to enhance flood prevention and foster urban development at Jakarta
- c) Restoring normalcy in Kashmir
- d) The Taj operation during November, 2008

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

**In News** - <http://timesofindia.indiatimes.com/india/Army-starts-operation-Calm-Down-in-JK-deploys-additional-4000-troops/articleshow/54312124.cms>

