

19th November

With regard to Trans Fats, consider the following statements

- 1. Saturated fats pose a higher risk to heart disease than trans fats**
- 2. Though they increase the shelf life of products, they tend to make them more expensive.**
- 3. Trans fats consumption increases the risk of developing heart disease and stroke.**

choose the correct one

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

- **Ans C**
- **TFAs (trans Fatty Acids) pose a higher risk of heart disease than saturated fats. While saturated fats raise total cholesterol levels, TFAs not only raise total cholesterol levels but also reduce the good cholesterol (HDL), which helps to protect us against heart disease. Trans fats consumption increases the risk of developing heart disease and stroke.**
- **It is also associated with a higher risk of developing obesity, type 2 diabetes, heart disease, metabolic syndrome, insulin resistance, infertility, certain types of cancers and can also lead to compromised fetal development causing harm to the yet to be born baby**
- **TFA containing oils can be preserved longer, they give the food the desired shape and texture and can easily substitute Pure ghee. These are comparatively far lower in cost and thus add to profit/saving.**



KERALA

Kerala to rein in trans-fat in eatery foods



C. Maya

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Consider the following statements:

- 1) Acting Chief Justice of High Court is appointed by the President.**
- 2) Duly qualified persons can be appointed as High Court judge.**

Select the correct option from below:

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

- **Ans: C**
- **Acting Chief Justice - Judge can be appointed acting Chief Justice of that High Court by the President in respect to the judgements, decrees and orders passed by it**

Industry, Impartiality and Integrity is the motto of which of the following organisations?

- a) Central Bureau of Investigation**
- b) Central Vigilance Commission**
- c) National Human Rights Commission**
- d) National Commission of SCs**

- Ans a

Who among the following hold the office for a period of six years or upto the age of 65 years?

- 1) Comptroller and Auditor General of India**
- 2) Central Information Commissioner**
- 3) Chief Election commissioner**

Select the correct option from below

- a) 1 and 2 only**
- b) 1 and 3 only**
- c) 2 and 3 only**
- d) all of the above**

- Ans: C

The primary goals of GROWTH-India Telescope are

- 1. Study nearby young supernova explosions**
- 2. Study nearby asteroids**
- 3. To study black holes and other forms of electromagnetic radiation observed**

choose the correct one

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

- **Ans a**
- **The GROWTH-India telescope is part of a multi-country collaborative initiative – known as the Global Relay of Observatories Watching Transients Happen (GROWTH) – to observe transient events in the universe**
- **its goals are threefold:**
- **Search for explosions in the optical regime whenever LIGO group detects a Binary Neutron Star merger**
- **Study nearby young supernova explosions**
- **Study nearby asteroids.**

Consider the following statements

1. Hoolock Gibbons are native western Ghats and Sri Lanka

2. Black Necked Storks are mainly found in wetlands across south and south-east Asia and Australia.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

- Ans b



Young female Western Hoolock Gibbon. Credit: Kevin Schafer *Getty Images*

Of the world's 25 biodiversity hotspots, two are in India: one along the

Western Ghats mountain range and the other in the Eastern Ghats.

- **Hoolock Gibbons are native North East India and Bangladesh.**

Consider the following statements

- 1. Neutrinos are one of the most abundant particles in the universe.**
- 2. Neutrinos carry no electrical charge and are nearly massless.**
- 3. India-Based Neutrino Observatory is about to come up in Ladakh, Jammu and Kashmir.**

Which of the statements given above is/are correct?

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

- Ans c
- India-Based Neutrino Observatory is about to come up in in Bodi West hills of Theni District of Tamil Nadu.

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Scientists waiting for two more clearances for neutrino project

Since clearance for the project has become a politically-sensitive issue, scientists are waiting eagerly for the support of the Tamil Nadu government

Recently The Andhra Pradesh and West Bengal governments have withdrawn “general consent” to the CBI for investigating cases in their respective states , What does withdrawal mean

- 1. It means the CBI will not be able to register any fresh case involving a central government official**
- 2. CBI can Arrest a private person stationed in the state**
- 3. CBI officers will lose all powers of a police officer as soon as they enter the state unless the state government has allowed them**

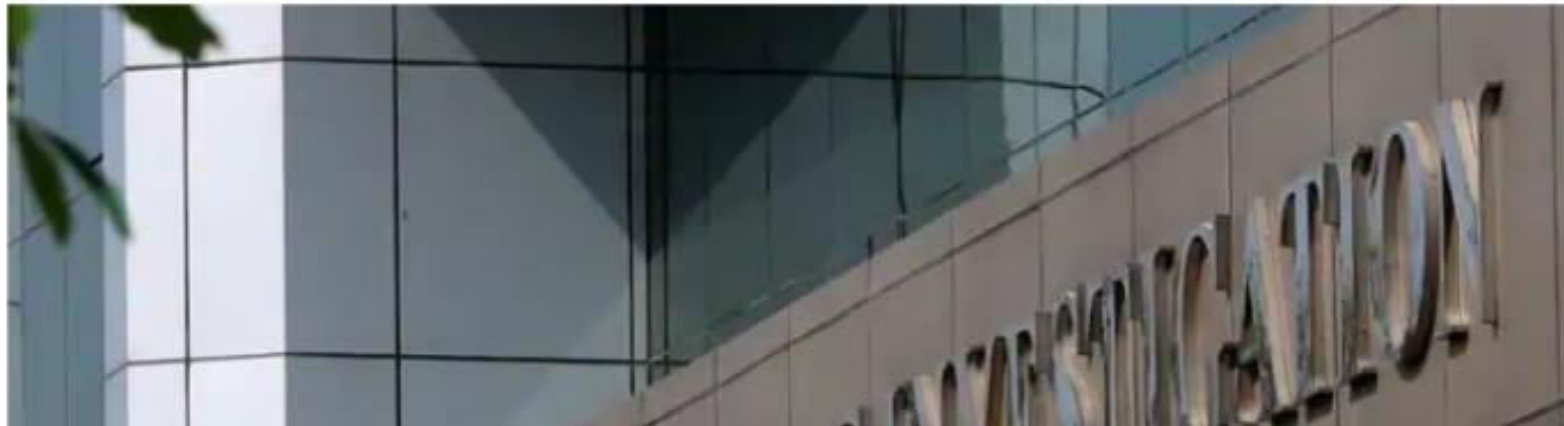
choose the correct one

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

- **Ans b**
- **It means the CBI will not be able to register any fresh case involving a central government official or a private person stationed in these two states without getting case-specific consent. Withdrawal of consent simply means that CBI officers will lose all powers of a police officer as soon as they enter the state unless the state government has allowed them**

Explained: Why CBI needs consent, how far the denial will restrict it in Andhra, Bengal

Andhra, Bengal have withdrawn general consent for CBI investigation. Why does CBI need consent, how many states have granted or denied it, how far will the denial restrict CBI in the two states?



Consider the following statements:

- 1. It is one of the most abundant naturally occurring non-essential amino acids.**
- 2. It is a flavor enhancer commonly added to Chinese food, canned vegetables, soups and processed meats.**
- 3. It is produced with a commercial name of Aji no moto.**

The above statements are correct about which of the following substances?

- A. Iodized Salt**
- B. Mono Sodium Glutamate**
- C. Tartaric acid**
- D. Fruit salt**

- **Ans b**
- **Monosodium glutamate is the sodium salt of the naturally occurring amino acid glutamic acid. This amino acid is one of the most abundant in nature, being an important component of all proteins. Monosodium glutamate, has been used as a seasoning or flavour enhancer, since it was first isolated from seaweed more than a century ago and is now recognised as the most pure example of umami or savoury taste. The body treats glutamate in exactly the same way whether it comes from the food we eat or from seasoning.**
- **MSG not only adds a umami character to food but can also be used to reduce the salt content. For the latest information about the science about glutamate and umami taste. It was suspected by some people of being the cause of 'Chinese restaurant syndrome', where people suffer a hot flushing reaction after eating food containing MSG. However, tests on people who claim to be susceptible have never been able to confirm that there is a link, as this scientific review explains**

Consider the following statements

- 1) The secret service expenditure is audited by CAG in India while it is not so in United States**
- 2) In addition to legal and regulatory audit, the CAG can also conduct the propriety audit**

Which of the following statements is/are correct?

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

- **Ans: B**
- **In addition to legal and regulatory audit, the CAG can also conduct the propriety audit that is, he can look into the wisdom, faithfulness and economy of government expenditure and comment on the wastefulness and extravagance of such expenditure. However, unlike the legal and regulatory audit, which is obligatory on the part of the CAG, the propriety audit is discretionary.**
- **Secret service expenditure is a limitation on the office of CAG.**