

Statement Analysis:

Statement 1	Statement 2	Statement 3
Incorrect	Incorrect	Correct
Agriculture contributes 73 per cent of the country's methane emissions. India has kept away from the recent EU-US pledge to slash methane emissions by 30 per cent by 2030, despite the country being the world's third largest emitter of methane.	As per the national GHG inventory, the agriculture sector emits 408 MMT of carbon-dioxide equivalent and rice cultivation is the third highest source (17.5 per cent) of GHG emissions in Indian agriculture after enteric fermentation (54.6 per cent) and fertiliser use (19 per cent)	Paddy fields are anthropogenic sources of atmospheric nitrous oxide and methane, which have been reckoned as 273 and 80-83 times more powerful than carbon dioxide in driving temperature increase in 20 years' (Sixth Assessment Report IPCC 2021).

Source: <https://indianexpress.com/article/opinion/columns/for-climate-smart-agriculture-cop26-budget-7771379/>

Q.62) It was established as a French colony in 1673. It was the first trading post on the eastern bank of the Hooghly, set up by the French in 1696. The city had thriving centres of trade involving opium, indigo, silk, rice, rope, sugar. The city is

- a) Armegon
- b) Chandernagore
- c) Chinsura
- d) Serampur

Q.62) Solution(b)

Chandannagar was established as a French colony in 1673, obtaining permission from Ibrahim Khan, the then Nawbab of Bengal, to establish a trading post on the right bank of the river Hooghly. It became a permanent French settlement in 1688. Chandannagar or Chandernagore was the first trading post on the eastern bank of Hooghly, set up by the French in 1696. The city had thriving centres of trade involving opium, indigo, silk, rice, rope, sugar.

Source: <https://www.thehindu.com/news/cities/kolkata/restoration-offrenchheritage-structureat-chandernagore-will-be-completed-soon-ambassador-lenain/article65045633.ece>

Q.63) Consider the following statements regarding 'LIDAR'

1. It uses ultraviolet, visible, or near infrared light to image objects
2. It has a wavelength greater than RADAR which enables higher level of accuracy