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Q.1) Consider the following statements about Agni – 1P

- 1. It will replace Prithvi and Agni-1 missiles
- 2. It has a range of 300 to 700 kilometres

Select the correct statements

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

Q.1) Solution (c)

The Defence Research and Development Organisation (DRDO) is developing a new, Pakistan-centric nuclear missile that will be equipped with sophisticated technology used in intermediate range ballistic missile (IRBM) such as Agni-IV. The new missile, Agni-1P, will replace Prithvi and Agni-1, developed with relatively low-end technology in the early 1990s, and will reportedly have a range of 300 to 700 kilometres.

In News - <u>http://www.business-standard.com/article/economy-policy/new-age-agni-to-boost-pak-focused-nuclear-deterrent-116121601111 1.html</u>

Q.2) Consider the following statements about 'Axial Seamount'

- 1. It is the youngest volcano and current eruptive centre of the Cobb-Eickelberg Seamount chain
- 2. It is caused by the movement of two tectonic plates in the region that are gradually spreading apart

Select the correct statements

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

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Q.2) Solution (c)

Scientists record live video of underwater volcanic eruption which had erupted last year (2015) and twice in the past in 1998 and 2011. Axial Seamount is the world's most active and studied underwater volcano, located at 300 miles from Oregon coast, rising from Juan de Fuca Ridge. Axial Seamount is caused by the movement of two tectonic plates in the region that are gradually spreading apart (divergent plate margin). The convergent plate margin is located between the North American Plate and Juan de Fuca Plate. Axial Seamount is the youngest volcano and current eruptive center of the Cobb-Eickelberg Seamount chain.

In News - <u>http://indianexpress.com/article/technology/science/scientists-record-live-video-of-underwater-volcanic-eruption-4431497/</u>

Q.3) Consider the following statements about Lake Pulicat

- 1. It is the largest brackish water lake or lagoon in India
- 2. It receives water from rivers Kalangi and Swarnamukhi

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.3) Solution (b)

Pulicat Lake is the second largest brackish water lake or lagoon in India, after Chilika Lake. It straddles the border of Andhra Pradesh and Tamil Nadu states with over 96% of it in Andhra Pradesh and 3% in Tamil Nadu situated on the Coromandal Coast in South India. The lake encompasses the Pulicat Lake Bird Sanctuary. The barrier island of Sriharikota separates the lake from the Bay of Bengal and is home to the Satish Dhawan Space Centre.

Inflows – Arani, Kalangi and Swarnamukhi

In News - <u>http://www.thehindu.com/news/national/andhra-pradesh/Flamingos-are-back-in-strength-at-Pulicat/article16871600.ece</u>

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Q.4) After India's demonetization, country X' has followed suit but for a different reason. The oil rich country has decided to take out its currency, bolivar' out of the market. The country X' here refers to

- a) Libya
- b) Nigeria
- c) Venezuela
- d) Kuwait

Q.4) Solution (c)

In News - <u>http://www.thehindu.com/news/national/Venezuela-warns-about-</u> cybercrime/article16801504.ece

Q.5) With regard to Central Bureau of Investigation (CBI), consider the following

- 1. It is a statutory body
- 2. The high courts and supreme courts also have the jurisdiction to order a CBI investigation
- 3. The Parliament has powers to extend the powers and jurisdiction of CBI

Choose the appropriate code

- a) 1 and 2 only
- b) 3 only
- c) 1 only
- d) 1, 2 and 3

Q.5) Solution (a)

An executive order was, therefore, passed by the Government of India in 1941, setting up the Special Police Establishment (SPE) under a DIG in the then Department of War with mandate to investigate cases of bribery and corruption in transactions with which War and Supply Department of the Government of India was concerned.

CBI derives power to investigate from the Delhi Special Police Establishment Act, 1946. Section 2 of the Act vests DSPE with jurisdiction to investigate offences in the Union Territories only. However, the jurisdiction can be extended by the Central Government to

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other areas including Railway areas and States under Section 5(1) of the Act, provided the State Government accords consent under Section 6 of the Act.

As per Section 3 of the Act, Special Police Establishment is authorised to investigate only those cases, which are notified by the Central Government from time to time.

After promulgation of the Act, superintendence of SPE was transferred to the Home Department and its functions were enlarged to cover all departments of the Government of India. The jurisdiction of SPE was extended to all the Union territories and the Act provided for its extension to States with the consent of the State Government.

not only cases of bribery and corruption, but also violation of Central fiscal laws, major frauds relating to Government of India departments, public joint stock companies, passport frauds, crimes on the high seas, crimes on the Airlines and serious crimes committed by organised gangs and professional criminals. Therefore, the Government of India set up **Central Bureau of Investigation by a resolution dated 1st April, 1963 with the following divisions:**

The High Courts and the Supreme Court have the jurisdiction to order a CBI investigation into an offence alleged to have been committed in a state without the state's consent, according to a five-judge constitutional bench of the Supreme Court (in Civil Appeals 6249 and 6250 of 2001) on 17 Feb 2010. The bench ruled:

Being the protectors of civil liberties of the citizens, this Court and the High Courts have not only the power and jurisdiction but also an obligation to protect the fundamental rights, guaranteed by Part III in general and under Article 21 of the Constitution in particular, zealously and vigilantly.

- Five-judge constitutional bench of the Supreme Court of India,

The court clarified this is an extraordinary power which must be exercised sparingly, cautiously and only in exceptional situations

Can CBI take over the investigation of a criminal case registered by the State Police?

Yes, it can, in the following situations

(i) The concerned State Government makes a request to that effect and the Central Government agrees to it (Central Government generally seeks comment of CBI before deciding upon the request of the State)

(ii) The State Government issues notification of consent under section 6 of the DSPE Act and the Central Government issues notification under section 5 of the DSPE Act

(iii) The Supreme Court or High Courts orders CBI to take up such investigations.

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Who exercises supervision over CBI?

The superintendence of CBI related to investigation of offences under the Prevention of Corruption Act, 1988 lies with the Central Vigilance Commission (CVC) and in other matters with the Department of Personnel & Training (DOPT) in the Ministry of Personnel, Pension & Grievances of the Government of India.

Source: <u>http://www.business-standard.com/article/news-ani/sc-to-hear-plea-against-asthana-s-appointment-as-cbi-interim-director-116121600116_1.html</u>

