



## Daily Current Affairs Prelims Quiz 13-04-2022 - (Online Prelims Test)

1) Consider the following statements regarding HELINA:

1. It is a high-altitude anti-tank missile developed in cooperation with the United States.
2. It has a maximum range of seven kilometers and can engage targets both in the direct hit mode and top attack mode.

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

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

Answer : b

### Helina

- It is an anti-tank guided missile indigenously developed in India.
- It is one of the most advanced Anti-Tank weapons in the world.
- Helina has a maximum range of seven kilometers.
- Helina has been developed by Defence Research and Development Laboratory (DRDL), Hyderabad under the Missiles and Strategic Systems (MSS) cluster of the DRDO.
- Helina can engage targets both by direct hit mode as well as top attack mode.
- In the top attack mode, the missile is required to climb sharply after launch and travel at a certain altitude, and then plunge to the top of the target.
- In the direct hit mode, the missile travels at a lower altitude, directly striking the target.

2) The Bhoré Committee was associated with which of the following statements?

- a. Committee on Ayurveda research evaluation.
- b. Committee to review the status of higher education in India.
- c. Committee to review the status of minorities in the country.
- d. Pre-Independence committee on Health Survey and Development.

Answer : d

### Bhoré Committee, 1946

- This committee, known as the Health Survey & Development Committee, was appointed in 1943 with Sir Joseph Bhoré as its Chairman.
- It laid emphasis on the integration of curative and preventive medicine at all levels.
- It made comprehensive recommendations for the remodeling of health services in India.
- The report, submitted in 1946, had some important recommendations like:
  1. Integration of preventive and curative services at all administrative levels.

## 2. Development of Primary Health Centers in 2 stages.

3) Consider the following statements regarding the Canister Launched Anti-Armour Loiter Ammunition (CALM) System:

1. In this weapon system, the ammunition once fired can remain aloft for a period of time over the area of operation.
2. It is an unmanned missile system that when launched finds and destroys the targets on its own.

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

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

Answer : a

### Canister Launched Anti-Armour Loiter Ammunition (CALM) System

- The CALM System is a pre-loaded canister with loitering ammunition or a drone that once fired can remain aloft for a period of time over the area of operation.
- When the target is sighted it can be guided down to destroy the target with the explosive payload that it carries.
- Usually, loiter ammunitions carry a camera that is nose-mounted and which can be used by the operator to see the area of operation and choose targets.
- These munitions also have variants that can be recovered and reused in case they are not used for any strike.

4) Consider the following statements regarding microswimmers:

1. It is the ability of the object to move in a fluid environment only.
2. They are naturally occurring and examples are bacteria, archaea, sperm, and micro-animals.

Which of the above statement(s) is/are **incorrect**?

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

Answer : d

### Microswimmer

- A microswimmer is a microscopic object with the ability to move in a fluid environment.
- Natural microswimmers are found everywhere in the natural world as biological microorganisms, such as bacteria, archaea, protists, sperm, and micro animals.
- They are used in various biomedical and environmental applications.
- Researchers are planning to develop artificial microswimmers from two-dimensional compound poly (heptazine imide) carbon nitride.
- This artificial microswimmer is aimed at transporting and delivering drugs to various parts of the body by swimming across bodily fluids.

5) Consider the following statements regarding electoral bonds:

1. The political parties should encash the electoral bonds within 15 days of receiving them.

2. Electoral bonds can be bought all around the year but only from the State Bank of India.

Which of the above statement(s) is/are **incorrect**?

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

Answer : b

## **Electoral Bonds**

- It is an instrument through which anyone can donate money to political parties.
- Such bonds, which are sold in multiples of Rs 1,000, Rs 10,000, Rs 1 lakh, Rs 10 lakh, and Rs 1 crore, can be bought from authorized branches of the State Bank of India.
- The name of the donor remains anonymous.
- The political parties can choose to encash such bonds within 15 days of receiving them and fund their electoral expenses.
- Electoral bonds can be bought only during specific windows of time.
- The central criticism of the electoral bonds scheme is that it does the exact opposite of what it was meant to do: bring transparency to election funding.



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