



## Daily Current Affairs Prelims Quiz 04-04-2024 (Online Prelims Test)

1) Consider the following statements with respect to the Purana Qila

1. It was built by the Mughal Emperor Humayun and completed by Afghan Sher Shah Suri.
2. It was designed in the Indo-Islamic architectural style.
3. It was designated as a UNESCO World heritage site in 1999.

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

- a. Only one
- b. Only two
- c. All three
- d. None

Answer : c

### Purana Qila

- The Qila-i-Kunha Mosque situated within the fort exhibits 5 doorways and is designed in the **Indo-Islamic architectural style**.
- It was built by the **Mughal Emperor Humayun and completed by Afghan Sher Shah Suri**.
- Sher Mandal is situated within the fort, it is an octagonal tower built by Humayun as an observatory and library.
- It is designated as a **UNESCO World Heritage Site** in 1993.

2) Consider the following statements with respect to the Opti Drop Platform

1. It is a laser-based technology that analyzes the characteristics of cells or particles.
2. It is developed by the Centre for Cellular and Molecular Platforms (C-CAMP).

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

### OptiDrop

- It is an innovative **microfluidic chip-based platform** that simplifies and reduces the cost of **studying single cells** encapsulated in droplets.
- It is Developed by the **Centre for Cellular and Molecular Platforms (C-CAMP) and IIT, Madras**.

3) Which of the following jellyfish species was recently blooms off the coast of Andhra Pradesh?

- a. Sea nettle jellyfish
- b. Mauve stinger jellyfish
- c. Mushroom cap jellyfish
- d. Cannonball jellyfish

Answer : b

**Mauve stinger or purple-striped jellyfish**

- It is a toxic jellyfish that has a powerful sting which causes different degrees of illnesses and can be life-threatening.
- **Scientific Name** - Pelagia noctiluca.



- **Distribution** - It is found worldwide in **tropical and warm-temperature seas**.
- It is considered as one of the notorious bloom forming species in the world’s oceans due to its wide distribution.

*A jellyfish bloom is when the population of the species increases dramatically within a short period of time, usually due to a higher reproduction rate.*

- **Uniqueness** - Unlike other jellyfish species, it has stingers not just on the tentacles, but on the bell too.
- **Luminescence** - These are bioluminescent, having an ability to produce light in the dark.
- **Migration** - They participate in diel vertical migration, moving closer to the surface at night and deeper during the day.
- **Diet** - They are **carnivorous**, preying on zooplankton, small fish, crustaceans, other jellyfish, and eggs.

<b>Conservation status</b>	
<b>IUCN Red List Status</b>	Not Evaluated
<b>CITES status</b>	
<b>Convention on Migratory Species</b>	

4) Consider the following statements with respect to the Living Wills

1. It is a legal document that allows patients who are no longer able to take medical decisions, to give

instructions in advance concerning their medical treatment.

2. Both Passive and Active Euthanasia has been legalized by Supreme Court since 2018.

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

### Living will

- It is a legal document that allows patients who are no longer able to take medical decisions, to give instructions in advance concerning their medical treatment (Passive Euthanasia).
- The Supreme Court allowed **passive euthanasia since 2018**.

5) With reference to startups of the world arrange the corn startups in descending order by their worth:

- 1. Unicorn
- 2. Minicorn
- 3. Soonicorn
- 4. Hectocorn
- 5. Decacorn

Consider the following order:

- a. 1>2>3>4>5
- b. 4>5>1>3>2
- c. 1>2>4>3>5
- d. 3>4>1>5>2



Answer : b

Types of Startups	
<b>Minicorn</b>	<ul style="list-style-type: none"><li>• Minicorns refer to startups which has a valuation <b>of \$1 million or more</b>.</li><li>• They are considered <b>less risky</b> and are new to the game.</li></ul>
<b>Soonicorn</b>	<ul style="list-style-type: none"><li>• A soonicorn is a startup which is expected to reach <b>unicorn status (\$1 billion) very soon</b>.</li><li>• It implies that the startup has gained a significant market share and is on a rapid growth trajectory.</li><li>• However, they are <b>considered riskier</b> as they still have to face significant competition in the market than established unicorns.</li></ul>
<b>Unicorn</b>	<ul style="list-style-type: none"><li>• A Unicorn is a startup that has achieved a valuation of <b>\$1 billion but less than \$10 billion</b>.</li><li>• It is used to describe the exceptional growth and potential of the company.</li><li>• Unicorn companies are often considered to be the <b>most valuable and innovative in the world</b>.</li></ul>

<b>Decacorn</b>	<ul style="list-style-type: none"> <li>• Decacorn is a startup that has a valuation of <b>\$10 billion or more.</b></li> <li>• Decacorns are companies which are highly valued and are often represented in <i>the elite category.</i></li> <li>• They are well-established, innovative and disruptive and have the strength to transform the industries in which they operate.</li> <li>• They face a lot of challenges as they continue to grow and scale.</li> </ul>
<b>Hectocorn</b>	<ul style="list-style-type: none"> <li>• Hectocorn is used to describe startups that have a valuation of <b>\$100 billion or more.</b></li> <li>• They have reached extraordinary levels of valuation and now represent an <i>elite group of companies.</i></li> <li>• Investing in hectacorn companies is rare but they are considered safe investments because of their reputation and strong financial resources.</li> </ul>