



**April – 15**

## **TNPSC BITS**

- ❖ Dr. Promila Gupta is appointed as the Director General Health Services (officer-in-charge) in the Union Health Ministry. She will succeed Dr. B. D. Athani who is currently in charge of the DGHS office.

## **INTERNATIONAL**

### **ICBM Sarmat Missile**

- ❖ Russia has successfully test-fired its latest nuclear Inter-Continental Ballistic Missile (ICBM) RS-28 Sarmat.
- ❖ The test was carried out at the Plesetsk Cosmodrome, as a spaceport in the west of Russia, close to the Arctic Circle.
- ❖ The ICBM Sarmat has the capacity to reach any point in the world. The missile will enter into service by 2021.
- ❖ The RS-28 Sarmat is a heavy liquid-propellant ICBM capable of carrying nuclear charges.
- ❖ The objective of this development is to replace the R-36M2 Voyevoda ICBM, which is Russia's only Strategic Missile Force since 1988.
- ❖ The name Sarmat is based upon the nomadic Sarmatian tribes which used to live between 6th and 4th century BC in current territories of Russia, Ukraine, and Kazakhstan.



### **BABUR Missile - Pakistan**

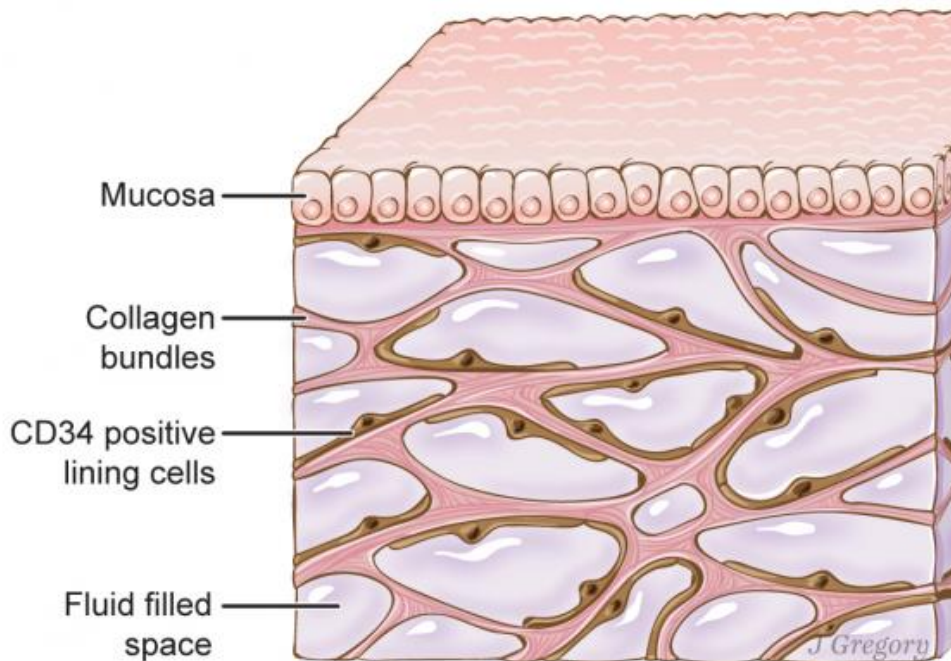
- ❖ Pakistan Navy successfully test fired indigenously developed Submarine Launched version of Cruise Missile (SLCM) BABUR.
- ❖ The missile was tested from an underwater dynamic platform off Pakistan's coast in the Arabian Sea and flew to strike a target at an undisclosed location.
- ❖ This is only the second time that Pakistan has announced a test of the submarine-launched Babur-III missile, with the first test being conducted in January 2017.

- ❖ The Babur-3 is capable of “delivering various types of payloads” and uses “underwater controlled propulsion.”

## SCIENCE AND TECHNOLOGY

### New organ

- ❖ Scientists have discovered a new “organ” just beneath the skin called interstitium.



- ❖ It contains collagen and elastin, proteins that give the skin its durability and elasticity.
- ❖ The layer is found in tissues lining the gut, lungs, blood vessels, and muscles.
- ❖ The organ was found using the technique called probe-based confocal laser endomicroscopy on a living tissue.
- ❖ The interstitium layer could help understand how cancer spreads in the body, and prove to be a potential diagnostic tool.
- ❖ The team behind the discovery suggest the compartments may act as “shock absorbers” that protect body tissues from damage.
- ❖ Research is being carried out to confirm whether the layer is an organ or not.

## STATES

### Hike of retirement age – Madhya Pradesh

- ❖ Madhya Pradesh CM Shivraj Singh Chouhan has announced the state has increased the retirement age for government employees from 60 to 62 years.
- ❖ The decision has been taken to ensure that all employees receive their due promotions.

### Kadaknath chicken - Madhya Pradesh GI tag

- ❖ Chennai based Geographical Indication Registry and Intellectual Property India has awarded Geographical Indication (GI) Tag to Madhya Pradesh's Kadaknath chicken.
- ❖ Kadaknath chicken breed is considered unique one because of its black color due to its black-feathers. due to the deposition of melanin pigment its looks in black color.
- ❖ It is native tribal districts of Jhabua, Alirajpur in Madhya Pradesh.
- ❖ Recently, there is a bone of contention between Madhya Pradesh and Chhattisgarh with both the States staking claim over its nativity for GI tag.







- ❖ The Kadaknath is popular mainly for its adaptability, and the good-tasting black meat, it is believed to have medicinal properties.
- ❖ In the recent past, the Madhya Pradesh government had launched a mobile app called 'MP Kadaknath'.

### Geographical Indication (GI)

- ❖ The Geographical Indication (GI) is name or sign used on certain products which correspond to specific geographical location or origin.
- ❖ It is used for agricultural, natural and manufactured goods having a special quality and established a reputation.
- ❖ The registration of a GI is valid for 10 years after which it needs to be renewed.
- ❖ GI is covered as an element of intellectual property rights (IPRs) under Paris Convention for Protection of Industrial Property.
- ❖ At the international level, GI is governed by WTO's Agreement on Trade-Related Aspects of Intellectual Property Rights (TRIPS).
- ❖ In India, Geographical Indications are given under Geographical Indications of Goods (Registration and Protection) Act, 1999 by Indian Patent Office.

## **SPORTS**

### **Anti-Corruption Head - BCCI**

- ❖ The BCCI has appointed ex-Director General of Police (Rajasthan), Ajit Singh, as the head of its Anti-Corruption unit ahead of the Indian Premier League 2018.
- ❖ Ajit Singh replaces ex-Police Commissioner of Delhi Neeraj Kumar as BCCI's Anti-Corruption unit head, and Neeraj Kumar has been appointed as an Advisor to this unit till May 31, 2018.

### **ISSF Junior World Cup**

- ❖ India ended the ISSF Junior World Cup held at Sydney, Australia, by reaching second in the medal standings with nine Gold, five Silver and eight Bronze medals for a total of 22 medals.
- ❖ China topped the standings with nine Golds, eight Silver and eight Bronze medals for a total of 25 medals won.



- ❖ Italy was third with three Gold medals, and among gold clinched countries. The host country, Australia got the fourth place by winning one gold.

**Final medal standings**

| Rank | Nation | Individual |        |        | Team |        |        | Total |        |        |       |
|------|--------|------------|--------|--------|------|--------|--------|-------|--------|--------|-------|
|      |        | Gold       | Silver | Bronze | Gold | Silver | Bronze | Gold  | Silver | Bronze | Total |
| 1    | CHN    | 5          | 4      | 4      | 4    | 4      | 4      | 9     | 8      | 8      | 25    |
| 2    | IND    | 4          | 1      | 4      | 5    | 4      | 4      | 9     | 5      | 8      | 22    |
| 3    | ITA    | 1          | 1      | 1      | 2    |        | 1      | 3     | 1      | 2      | 6     |
| 4    | AUS    | 1          |        |        |      | 2      |        | 1     | 2      |        | 3     |
| 5    | TPE    |            | 1      |        |      | 1      |        |       | 2      |        | 2     |
| 6    | THA    |            | 1      | 1      |      |        | 2      |       | 1      | 3      | 4     |
| 7    | HUN    |            | 1      | 1      |      |        |        |       | 1      | 1      | 2     |
| 8    | FIN    |            | 1      |        |      |        |        |       | 1      |        | 1     |
| 8    | GBR    |            | 1      |        |      |        |        |       | 1      |        | 1     |
|      |        | 11         | 11     | 11     | 11   | 11     | 11     | 22    | 22     | 22     | 66    |

### Indian Medalists

- ❖ **GOLD clinched players:** ANISH, VALARIVAN Elavenil, BHAKER Manu, MUSKAN
- ❖ **SILVER clinched players:** RANA Gaurav.
- ❖ **BRONZE clinched players:** BABUTA Arjun, ANMOL, KAPOOR Vivaan, SEKHON Ganemat.

## IMPORTANT DAYS

### Odisha Day – 01 April

- ❖ Utkal Divas also known as Odisha Day is celebrated on 1 April every year in all over Odisha.
- ❖ It is celebrated to commemorate the formation of the state, which was carved out of the combined Bengal-Bihar-Orissa province in 1936.
- ❖ With the defeat and death of king Mukunda Dev, the last Hindu king in 1568 Orissa lost its complete political identity. Then it continued to be a part of

Bengal province for many years. led to the formation of a separate state under British rule on the basis of the language on 1 April 1936.



- ❖ The leaders such as Madhusudan Das, Gopabandhu Das, Maharaja Krusha Chandra Gajapati, Fakir Mohan Senapati, and Gouri Shankar Ray played a key role in the formation of a separate Odisha State on the linguistic basis under British rule.

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