

### NATIONAL

#### 1. Rudragiri hillock

**Why in news** – A pre-historic rock paintings (Mesolithic period) and exquisite artwork from the Kakatiya dynasty were discovered in the Rudragiri hillock.

#### Key Points –

- Location - Guntur district, Andhra Pradesh (Eastern Ghats).
- They depict several pieces of evidence from the Ramayana –
  - a) Battle between the Vanara brothers, Vali and Sugriva (mural painting).
  - b) Hanuman lifting the Sanjeevani hill (fresco painting).
  - c) Hanuman accompanied by conch (Sankha) and the fire altar (Yagna Vedi) (sketch).
- Ganapati Deva Maharaja (1199-1262 AD), the founder of the Muppavaram temple and greatest Kakatiya ruler, likely patronized the rich ancient mural heritage.

#### About Kakatiya Dynasty (1083-1323CE) –

- Present-day Andhra-Telangana region.
- Ruled from Warangal (Telangana).
- Known for the construction of a network of tanks for irrigation and drinking water.
- Founder - Rudradeva I (Anumakonda inscription).



- Rudrama Devi was the ruler of the Kakatiya dynasty from 1263 until 1289.
- Alauddin Khilji invaded the Kakatiya region in 1303, which resulted in disaster for the Turks.
- Kakatiya temples - Thousand pillar temple at Hanamkonda and Ramappa temple at Palampet.

#### 2. Gambusia Fish

**Why in news** - Andhra Pradesh has released approximately 10 million Gambusia fish into the state's water bodies.

#### Key Points –

- Aim - to combat mosquito-borne diseases like malaria and dengue.
- It is also known as mosquitofish.
- It is widely used as a biological agent for controlling mosquito larvae.
- A single full-grown fish eats about 100 to 300 mosquito larvae per day.

#### About Gambusia –

- Native to the waters of the southeastern United States.
- Part of mosquito-control strategies for over a century in various parts of the world, including India.
- Part of various malaria control strategies in India since 1928, including the Urban Malaria Scheme.
- High adaptability - survive on 6 out of 7 continents.
- India has listed Gambusia as invasive alien species.
- As per IUCN. Gambusia is one of the 100 worst invasive alien species in the world.

### GOVERNMENT SCHEMES

#### 1. AI for India 2.0 course

**Why in news** - Dharmendra Pradhan launched AI for India 2.0 on July 15 (World Youth Skills).

#### Key Points –

- By - Ministry of Skill Development and Entrepreneurship.
- It is a free-of-cost online training program on Artificial Intelligence.
- Joint initiative of - Skill India and GUVI (Grab

Your Vernacular Imprint).

- Accredited by - National Council for Vocational Education and Training (NCVET) and IIT Madras.
- Aim - educating individuals rural youth in cutting-edge technologies like Artificial Intelligence.

### About GUVI (Ed-tech company) –

- IIT Madras and IIM-Ahmedabad incubated startup.
- enables tech learning in vernacular languages.
- curated in 9 Indian languages.

## SCIENCE – TECH

### 1. PPP-model Atal Tinkering Lab

**Why in news** - OPPO India sets up India's first PPP-model Atal Tinkering Lab (ATL) in Thrissur, Kerala.

#### Key Points –

- Aim - to create an empowered future-ready workforce and nurture entrepreneurship and technological skills among the youth.
- Knowledge partner - Atal Innovation Mission (AIM, NITI Aayog).
- PPP - Public-Private Partnership model.

#### About ATL –

- Aim - to empower school children in grades 6th to 12th to develop innovative solutions.
- The students can harness cutting-edge technology tools such as 3D printing, the Internet of Things (IoT), robotics, miniaturized electronics, space technology, drone technology, and technology-inspired textiles.
- It works on 'Hub n Spoke' strategy –
  - a) Hub - ATL in the nodal school.
  - b) Spoke - Neighbouring government schools.
- Till 2022, 10,000 ATLs were established across 35 States and UTs in India through government grants.

## RANKS & INDICES

### 1. Henley Passport Index

**Why in news** - The latest ranking of the Henley Passport Index was released recently.

#### Key Points –

- India's rank - 80th (visa-free access - 57 countries).

#### Top 3 –

Rank	Country	Visa-free travel to (out of 277 nations)
1	Singapore	192
2	Germany, Italy, Spain	190
3	Austria, Finland, France, Japan, South Korea, Luxembourg, Sweden	189

#### Bottom 3 –

Rank	Country	Visa-free travel to (out of 277 nations)
103	Afghanistan	27
102	Iraq	29
101	Syria	30

## SECURITY

### 1. Operation Trinetra II

**Why in news** – It was launched by the security forces to neutralize terrorists in Jammu and Kashmir's Poonch.

#### Key Points –

- Joint operation by the Indian Army and Jammu and Kashmir Police.

## IMPORTANT DAYS

### 1. International Moon Day 2023

**Why in news** – It is celebrated July 20.

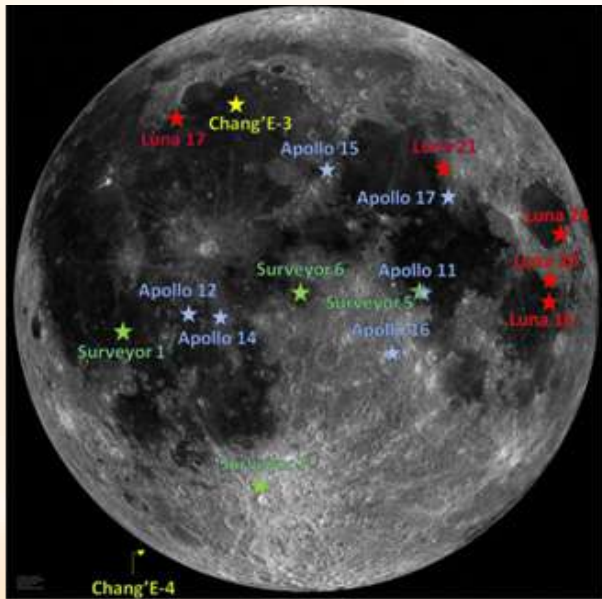
#### Key Points –

- Reason - Humans first landed on the Moon as part of NASA's Apollo 11 mission.
- Astronauts Neil Armstrong (1st person) and Buzz Aldrin (2nd) landed on the Moon.
- Landing site- Tranquility Base (July 20, 1969).
- Michael Collins was the pilot.

#### Colonizing the Moon –

- Exploration of the lunar surface by spacecraft began in 1959 with the Soviet Union's Luna program.
- Luna 2 made a hard landing (impact) on its surface and became the first artificial object on the moon.

- To date, only 12 astronauts walked on the Moon's surface.
- Chandrayaan-1 (India) in 2009 –
  - Discovery of lunar water at the lunar poles renewed interest in the Moon.
  - Lunar soil contains 0.1% water by weight.



### AWARDS & HONOURS

#### 1. Crossing North Channel

**Why in news** – Anshuman Jhingran became the youngest (18-year-old) person to cross the North Channel.

#### Key Points –

- This feat has earned him the Guinness World Record.
- Since 1947, he is the 114th person to cross the channel.

#### About North Channel –

- Between Scotland and Northern Ireland.
- Believed to be the toughest of the Ocean Seven Swims.
- Ocean Seven Swims (2008)** –
  - A marathon swimming challenge consisting of 7 open water channel swims.
  - the North Channel, the Cook Strait, the

Molokai Channel, the English Channel, the Catalina Channel, the Tsugaru Strait and the Strait of Gibraltar.



#### Value Addition –

- Mihir Sen was the 1st Indian to swim across the English Channel from Dover to Calais in 1958.
- Time taken by Mihir Sen - 14 hours and 45 minutes. 4th best timing.
- Mihir is the only man to have swum the oceans of the 5 continents in one year in 1966.
- Mihir has the Guinness Book of Records as the 'world's greatest long-distance swimmer'.

### SPORTS

#### 1. Wimbledon title

**Why in news** – Carlos Alcaraz (Spain) beats Novak Djokovic (Serbia) to win his 1st Wimbledon men's title.

#### Key Points –

- Alcaraz won his 1st Grand Slam title at the US Open 2022.
- Alcaraz (20 years) is the 3rd youngest man to win the Wimbledon title in the Open era (1st - Boris Becker in 1985, 2nd - Bjorn Borg in 1976).
- Djokovic has a tally of 22 major titles. (Only Margaret Court with 24 titles is ahead of him).

#### 2. FIFA ranking

**Why in news** – Indian men's football team rises to 99th spot in latest FIFA rankings.



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## Key Points –

- The Indian football team has won all the tournaments so far (July 21) in 2023.
- India won 3 trophies till July 2023–
  - a) Hero Tri-Nation Cup
  - b) Hero Intercontinental Cup
  - c) SAFF Championship.
- India achieved a sub-100 spot for the first time since 2018.

## Value Addition –

- Captain - Sunil Chhetri.
- Coach - Igor Štimac (Croatia).
- India's best-ever FIFA ranking – 94th (1996).
- Asian Football Confederation's rankings – India (18th).

## OUR NEW COURSES STARTING SCHEDULE

### Classes starting in Patna Centre

Bpsc Hindi Medium	26th July 2023	Timing 1:00 pm - 4:00 pm
Bpsc English Medium	23rd August 2023	Timing 11:30 am - 2:30 pm
Upssc English Medium	13th September 2023	Timing 11:30 am - 2:30 pm
Upssc Hindi Medium	13th September 2023	Timing 4:00 pm - 7:00 pm

### Classes starting in Delhi Centre

Bpsc Hindi Medium	23rd August 2023	Timing 2:30 pm - 6:30 pm
Bpsc English medium	23rd August 2023	Timing 10:00 am - 2:00 pm
Upssc English Medium	19th July 2023	Timing 4:00 pm- 8:00 pm
Upssc Hindi Medium	19th July 2023	Timing 4:00 pm- 8:00 pm

**ADMISSION IS GOING ON FOR UPCOMING BATCHES.**

**Book your seats immediately.**

**For Any Query you can contact us on**

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**PATNA CENTRE:** NEW BATCHES FOR BPSC (HINDI MEDIUM) STARTING FROM 26TH JULY 2023

**DELHI CENTRE:** NEW BATCHES FOR UPSC STARTING FROM 19TH JULY 2023



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## ➤ CURRENT AFFAIRS ONE LINERS ◀

- In which countries is the Women FIFA World Cup 2023 being organized - **Australia and New Zealand.**
- Which state's Gopalpur port has created a national record in cargo handling – **Odisha.**
- Which country has the most powerful passport in the world as per the Henley Passport Index 2023 – **Singapore.**
- 'Absolute Foods' and who has signed an MoU to strengthen PMFBY (Pradhan Mantri Fasal Bima Yojana) - **United Nations Development Programme (UNDP).**
- In which country International Aerospace and Defense Exhibition (ADEX) 2023 will be organized - **South Korea.**
- From which city the Women's Tri-Services Motorcycle Rally has been flagged off to mark the 24th Kargil Vijay Diwas - **New Delhi.**
- Who has been appointed as 25th Director General of the Indian Coast Guard - **Rakesh Pal.**
- Which state has introduced a bill to guarantee a minimum income to the entire adult population of the state – **Rajasthan.**
- Satwiksairaj Rankireddy holds the Guinness World Record for the fastest badminton smash at - **565 kilometer per hour.**
- Dr. Mangala Narlikar passed away at the age of 80. She was associated with which profession – **Mathematician.**

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