

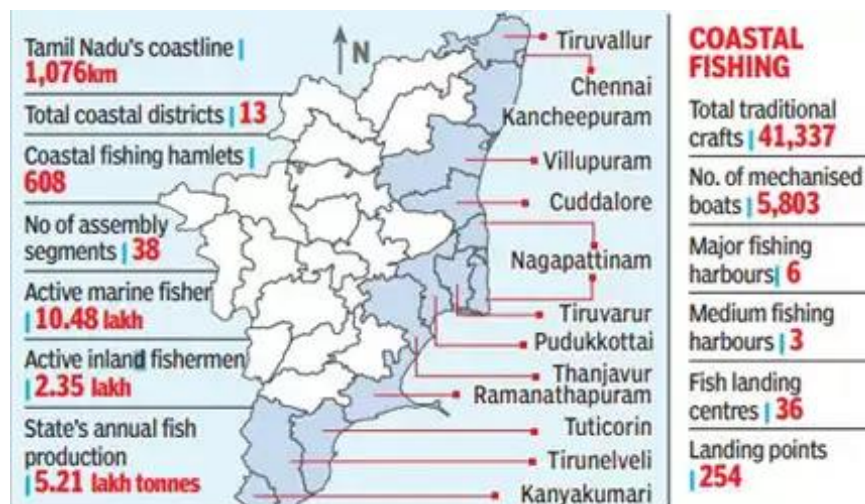
January - 14

## TNPSC BITS

- ❖ The WHO launched International Classification of Diseases (ICD) 11, Traditional Medicine Module 2.
  - The data and terminology relating to diseases based on Ayurveda, Siddha and Unani Medicine have been included in the WHO ICD-11 classification.
- ❖ In a first, India is set to chair and host 46<sup>th</sup> UNESCO's World Heritage Committee session in New Delhi.
- ❖ The union government has appointed IAS officer Senthil Pandian C as ambassador to the World Trade Organisation (WTO) in Geneva.
- ❖ Jaipur's Divyakriti Singh becomes the first Indian woman to get Arjuna Award in equestrian games.

## TAMIL NADU

### Tamil Nadu Coastal Restoration Mission



- ❖ The State government has issued orders to implement the Tamil Nadu Coastal Restoration Mission over the next five years.
- ❖ The project cost is about ₹1,675 crore with the World Bank support.
- ❖ The mission includes projects to strengthen coastal biodiversity, improve coastal livelihood through sustainable tourism, and reduce plastic waste in marine environments.
- ❖ The mission has four focus areas:

- Enhancing coastal biodiversity;
- Coastal protection;
- Improving livelihood through the creation of blue flag beaches and sustainable tourism; and
- Pollution abatement.
- ❖ A special purpose vehicle, named Tamil Nadu Blue Carbon Agency, will be established to
  - Monitor the restoration of mangroves and seagrass;
  - Control erosion; restore the corals at Kariyachalli Islands of the Gulf of Mannar ecosystem; and
  - Strengthen coastal management systems.
- ❖ The mission includes previously launched projects such as
  - Establishing a biodiversity and conservation park at Kadambur, Chengalpattu;
  - Sea turtle conservation centres at Nagapattinam and in Chennai; and
  - An international dugong conservation centre at Manora, Thanjavur.

### **World Tamil Diaspora Day**

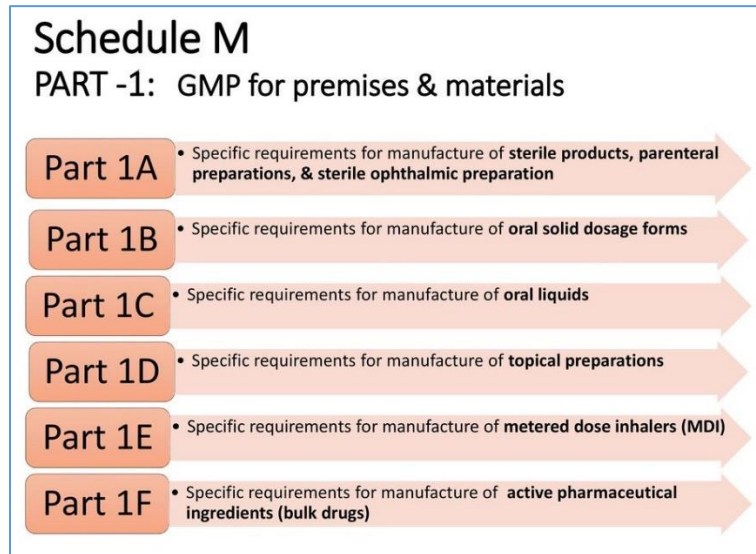


- ❖ January 12 was celebrated as World Tamil diaspora Day every year.
- ❖ This year was special as 58 selected youngsters from different countries went on a tour to various parts of Tamil Nadu under the 'Reaching Your Roots' programme.
- ❖ The CM presented awards to 13 persons of Tamil origin who have excelled in various fields on the occasion.
- ❖ Earlier, the Non-Resident Tamils Welfare and Rehabilitation Department created by the T.N. government.

- ❖ It has been providing free legal aid to people of Tamil origin in foreign countries, in cases of legal crises faced by them, and is also helping repatriating any Tamils suffering due to health conditions/those caught in conflicts or war situations

## NATIONAL

### Updated Manufacturing Practices for Drug Makers



- ❖ The Union Health Ministry notified revised rules under Schedule M of the Drugs and Cosmetics Rules, 1945.
- ❖ It was aimed at ensuring robust quality control for pharma and biopharmaceutical products.
- ❖ Schedule M prescribes the Good Manufacturing Practices (GMP) for pharmaceutical products.
- ❖ The revised Schedule M has been notified as rules to ensure GMP is adhered to, and requirements of premises, plant, and equipment for pharmaceutical products.
- ❖ GMP was first incorporated in Schedule M of the Drugs and Cosmetics Rules, 1945 in the year 1988 and the last amendment was done in June, 2005.

### Critically Important Antimicrobials

- ❖ The findings of a new survey by the National Centre for Disease Control (NCDC) underscored the need for directing more efforts for appropriate stewardship in antibiotic use practices.



- ❖ It stressed on particularly Critically Important Antimicrobials (CIAs) and in mitigation of antimicrobial resistance.
- ❖ Out of overall antibiotic prescriptions, the third generation cephalosporins was the most commonly prescribed class of antibiotics (33.1 per cent).
- ❖ Third generation cephalosporins are categorised as the highest priority critically important antimicrobials (HPCIA) by WHO.
- ❖ The third generation cephalosporins, including ceftriaxone, were found to be used in the Indian dairy sector.
- ❖ Aminoglycosides including amikacin were reported in the Indian poultry sector.
- ❖ These antibiotics were being used to prevent, control or treat diseases; the research found.
- ❖ Widespread use of these important antibiotics both in food animal production and healthcare poses a potential threat.

Antibiotics used in current study	Class of Critically Important Antibiotics	Prioritization of Critically Important Antibiotics*
Azithromycin	Macrolides and ketolides	Highest priority
Levofloxacin	Quinolones	
Ciprofloxacin		
Cefotaxime	Third-, fourth- and fifth-generation cephalosporins	High priority
Ceftriaxone		
Amikacin	Aminoglycosides	
Gentamicin		
Meropenem	Carbapenems	
Linezolid	Oxazolidinones	

### **Drishti 10 ‘Starliner’**

- ❖ The Indian Navy unveiled the first indigenously manufactured Drishti 10 Starliner Unmanned Aerial Vehicle (UAV) in Hyderabad.
- ❖ Drishti 10 Starliner is an advanced intelligence, surveillance, and reconnaissance (ISR) platform.
- ❖ It has 36 hours endurance and 450 kg payload capacity.

- ❖ This is the only all-weather military platform with NATO's STANAG 4671 certifications for the UAV system's airworthiness.



## REPORTS AND INDICES

### Henley Passport Index 2024

## Ranking world's passports

<b>RANK 1</b>	France, Germany, Italy, Japan, Singapore, Spain
<b>RANK 2</b>	Finland, South Korea, Sweden
<b>RANK 3</b>	Austria, Denmark, Ireland, Netherlands
<b>RANK 4</b>	Belgium, Luxembourg, Norway, Portugal, UK
<b>RANK 5</b>	Greece, Malta, Switzerland
<b>RANK 6</b>	Australia, Czechia, New Zealand, Poland
<b>RANK 7</b>	Canada, Hungary, United States
<b>RANK 8</b>	Estonia, Lithuania
<b>RANK 9</b>	Latvia, Slovakia, Slovenia
<b>RANK 10</b>	Iceland



**India was ranked 87 in 2017, 81 in 2018, 82 in 2019 and 2020, 90 in 2021, 83 in 2022 and 84 in 2023**

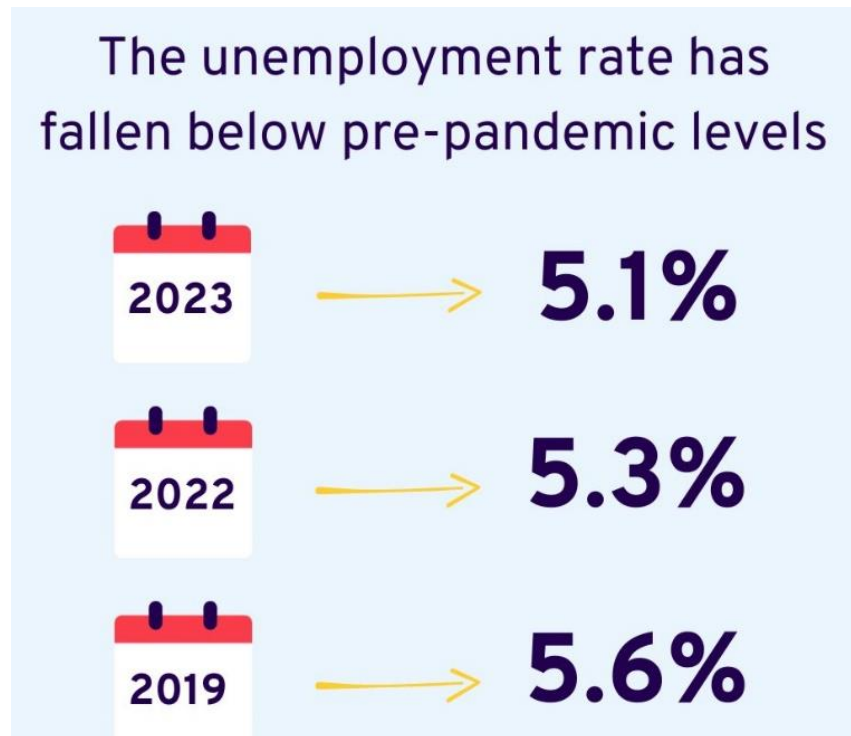
### METHODOLOGY

The passport ranking is based on a comprehensive methodology that considers national GDP data, political relations, bilateral agreements, and international regulations. The index includes 199 different passports

- ❖ The European nations of France, Germany, Italy and Spain, and Asia's Japan and Singapore sharing the number one spot.

- ❖ India, meanwhile, has improved its ranking and moved up to the 80th position from the previous year's ranking of 84.
- ❖ Those holding an Indian passport have visa-free access to 62 destinations.
- ❖ Ranking low on the index are Pakistan (101), Iraq (102), Syria (103) and Afghanistan (104).
- ❖ Other neighbours of India ranks: Maldives (#58), China (#62), Bhutan (#87), Myanmar (#92), Sri Lanka (#96), Bangladesh (#97), and Nepal (#98).
- ❖ Those holding the passports of the countries in the #1 spot had access to 194 visa-free destinations.
- ❖ Those holding the Afghanistan passport ranked last at #104, had visa-free access to only 28 of them.
- ❖ The index covers 227 destinations and 199 passports.

### World Employment and Social Outlook: Trends 2024



- ❖ The International Labour Organisation has projected the global unemployment rate a tad higher at 5.2% in 2024 compared to 5.1% in 2023.
- ❖ The jobs gap rate in 2023 was 8.2% in high-income countries while it stood at 20.5% in the low-income group.
- ❖ Similarly, while the 2023 unemployment rate persisted at 4.5% in high-income countries, it was 5.7% in low-income countries.

- ❖ In 2023, the numbers of workers living in extreme poverty (earning less than US\$2.15 per day per person in purchasing power parity (PPP) terms) grew by about one million globally.

## **PERSONALITIES, AWARDS, AND EVENTS**

### **81<sup>st</sup> Golden Globe awards**

- ❖ The Golden Globe Awards are awards for excellence in American and international film and television.
- ❖ The first Golden Globe Awards were held in January 1944 in Los Angeles.
- ❖ The film Barbie was nominated in the maximum categories in 9 categories and Oppenheimer in 8.
- ❖ Oppenheimer won awards in Best Director, Best Male Actor, Best Supporting Actor and Best Motion Picture category.
- ❖ Barbie won awards in Cinematic and Box Office Achievement and Best Original Song category



## **MISCELLANEOUS**

### **Lime-based trichoderma bio-pesticide**

- ❖ The ICAR-Indian Institute of Spices Research, Kozhikode has developed a new granular lime-based Trichoderma formulation, a fungal bio-control agent.
- ❖ The formulation named 'Tricholime', integrates Trichoderma and lime into a single product, making the application easier for farmers.
- ❖ It has proven effective in suppressing several soil-borne plant pathogens and serves as a successful bio-pesticide and bio-fertilizer in crop production.

- ❖ Tricholime can successfully eliminate the need for a time-consuming two-step process.
- ❖ This lime-based formulation neutralizes the soil acidity while promoting plant growth and shields crops from soil-borne pathogens.

