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**Daily Current Affairs**

**GEO IAS**

SOURCES



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2. With 56.4% of India's total disease burden linked to unhealthy diets, what new nutrition guidelines prescribe - Indian express
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## Important News Articles

### GS II

#### 1. The Tiny Nation at the Vanguard of Mining the Ocean Floor- Indian express

**Relevance:** Effect of policies and politics of developed and developing countries on India's interests, Indian diaspora.

##### Prelims Takeaway

- Map based question

##### News:

- The Cook Islands is at the vanguard of a quest to mine the ocean floor for minerals used in electric car batteries.
- Mining these deposits has never been attempted on a large scale, but their reserves are so vast, proponents argue, that extracting them could power the world's shift away from fossil fuels.

##### Key highlights

- The Cook Islands, a 15-island chain that was once a **colony of New Zealand**, has been self-governing since 1965.
- Soon after achieving that status, which is short of full independence, international research vessels began exploring the country's territorial waters, which cover about 756,000 square miles, roughly comparable to Mexico's landmass.
- **Rich deposits of phosphates**, a fertilizer ingredient, once brought vast riches to Nauru, but mismanagement and alleged corruption plunged the nation into poverty.

#### 2. With 56.4% of India's total disease burden linked to unhealthy diets, what new nutrition guidelines prescribe - Indian express

**Relevance:** Issues relating to development and management of Social Sector/Services relating to Health, Education, Human Resources.

##### Prelims Takeaway

- Non-communicable diseases
- TB

##### News:

- India's premier nutrition research institute has published comprehensive guidelines on the diet of vulnerable groups, including pregnant and lactating women, and children and the elderly.
- With noncommunicable diseases (NCDs) — cardiovascular disease, cancers, diabetes, etc. — rising, and affecting adolescents and even children

##### India's growing NCD problem

- A recent report by the ICMR shows a sharp increase in deaths caused by non-communicable diseases (NCDs) in India.
- These are long-term illnesses like heart disease, diabetes, and cancer.
- The biggest rise has been seen among people above 30.

##### Lifestyle choices to blame

- These diseases are largely preventable.
- Unhealthy eating habits, lack of exercise, tobacco use, and alcohol consumption are major risk factors.
- The economic cost of NCDs in India is expected to be enormous.

##### The government's response

- The government has revamped its National Program for NCD prevention to address a wider range of conditions and put more emphasis on early detection and treatment.
- It also aims to improve the quality of care for millions with hypertension and diabetes.

##### Focus on diet

- Nutrition experts point out that unhealthy diets are a major contributor to NCDs.
- New dietary guidelines recommend including a variety of foods from different groups and limiting processed foods, salt, and sugar.
- These guidelines offer specific advice for different age groups, including pregnant women, infants, children, and the elderly.

**India's unique challenge**

- India faces a double burden of malnutrition - deficiencies in essential nutrients and a rise in obesity.
- The guidelines address both issues and emphasize the importance of a balanced diet for overall health and development.

### 3. SC stops grant of fresh mining leases in the Aravalli range

**Relevance:** Functions and Responsibilities of the Union and the States  
**News:**

- The Supreme Court on Thursday stopped the grant of fresh mining leases and renewals in the Aravalli ranges and hills.

#### Prelims Takeaway

- Aravalli hill ranges
- Sand mining

**Highlights:**

- The FSI report **defined the Aravallis to include the hills and a uniform 100-metre-wide buffer zone** around the downsides of the hills.
- Until further orders, though all States wherein the Aravalli ranges are situated will be at liberty to consider and process applications for grant of **mining leases and renewals** thereof
  - no annual permission shall be granted for mining in the Aravalli hills and ranges as defined in the FSI report
- The court said its order should not be construed as a ban on **legal mining activities** carried out through valid **permits and licences**.
- A total ban on mining is **not conducive** even to the **interest of the environment** in as much as it gives scope for illegal mining
- The order covers **Delhi, Rajasthan, Haryana and Gujarat** - the four States where the Aravallis reside.
- The prohibition on fresh mining leases and renewals would extend to **statutory clearances** by the various authorities.

### 4. Niti Aayog report finds 'huge gap' in cancer screening at Ayushman centres - Indian Express

**Relevance:** Issues Relating to Development and Management of Social Sector/Services relating to Health, Education, Human Resources.

**News:**

- When it comes to cancer screening at the **Health and Wellness Centres**, there is a "huge gap," according to a report from 13 states prepared by NITI Aayog,

#### Prelims Takeaway

- Niti Aayog
- Ayushman Bharat

**Key Highlights:**

- Six years since the launch, the **Ayushman Bharat** insurance scheme has been availed of by more than 5.47 crore users across the country
  - The world's largest medical insurance scheme.
  - But when it comes to cancer screening at the HWCs, there is a "huge gap"
- This report was prepared by Niti Aayog and its findings have been shared with the Ministry of Health and Family Welfare.
- NITI Aayog visited a total of **93 HWCs** across 37 districts in 12 states and one Union Territory
  - HWC staff had limited or no knowledge of the fact that the screening for cancer needed to be done on patients
  - However, infrastructure was good and within the standards of operational guidelines.
  - All basic devices such as stethoscope, BP apparatus, weighing scale, clinical thermometer were available and functional.
  - Medicines and diagnostic tests were available free-of-cost in all the visited facilities.
- Under the required upgrade, Auxiliary Nurse and Midwife (ANMs) at the HWCs were meant to be trained.
  - Also training of required Cancer Specialist Medical Officers and Staff nurses is necessary
  - The gaps in cancer screening are significant in view of the government's focus on prevention and detection of cancer at an early stage

## 5. Why did Interpol issue a blue corner notice against Prajwal? - The Hindu

**Relevance:** Important International Institutions, agencies and fora - their Structure, Mandate

### Prelims Takeaway

- Interpol
- CBI

### News:

- The International Criminal Police Organisation, commonly known as Interpol, has issued a blue corner notice against an absconding politician.

### Interpol:

- The Interpol is an **inter-governmental** law enforcement organisation which assists and facilitates cooperation between national law forces in **196 member countries** to combat transnational crimes.
- The organisation shares information regarding crimes and wanted criminals globally, and provides technical, operational, and investigative support to locate fugitives.
- It manages a **database** of critical data about wanted criminals, which member countries can use to trace such individuals.
- The agency has a **National Central Bureau** in all member countries which is a single point of contact between law enforcement agencies of that country and Interpol.
- The **Central Bureau of Investigation (CBI)** is officially designated as the **nodal agency** for India.

### Interpol alerts countries

- The agency uses a **colour-coded system** to alert and share requests for crime-related information among member countries and global organisations.
- Notably, member countries are not bound by **international law** to abide by Interpol notices as they are entirely discretionary.

### Interpol's blue corner notice

- The international organisation issues a blue corner notice when the case is related to missing persons.
  - such an alert is sent for additional information from member states about a person, to verify their identity, location, or criminal record concerning a criminal investigation.
- It is different from a **red corner notice**
  - the purpose of a **blue notice** is information about a person of interest in an investigation
  - while the **red corner notice** is generally issued against a person wanted for extradition, or serves a sentence based on a court decision, or a similar lawful action.

## 6. India contributes \$5,00,000 to U.N. Counter-Terrorism Trust Fund- The Hindu

**Relevance:** Important International institutions, agencies and fora- their structure, mandate.

### Prelims Takeaway

- UNOCT

### News:

- **India has contributed \$500,000 to the U.N. Counter-Terrorism Trust Fund**, underscoring its unwavering commitment to support multilateral efforts in the global fight against the scourge of terrorism.

### Funding the fight against terrorism

- The UN established a trust fund in 2009 to support counter-terrorism efforts.
- Now managed by the UN Office of Counter-Terrorism (UNOCT), it accepts donations from governments, organizations, and individuals.

### India's contribution

- India's recent contribution targets two key areas: preventing terrorist financing and stopping terrorist travel.
- This will help eastern and southern African countries fight terrorism more effectively.

### About the UN Office of Counter-Terrorism

- Created in 2017, **UNOCT leads the UN's counter-terrorism efforts.**
- It coordinates different UN entities, helps member states build their counter-terrorism capacity, and raises awareness and resources for this vital work.
- UNOCT ensures counter-terrorism remains a priority and that preventing violent extremism aligns with the UN's overall counter-terrorism strategy.

## GS III

### 7. India's Technical Textiles market has huge potential backed by a significant growth rate of 10%: Textiles Secretary: PIB

**Relevance:** Science and Technology- Developments and their Applications and Effects in Everyday Life.

**News:**

- India's Technical Textiles market has a huge potential backed by a significant growth rate of 10% and placement as the **5th largest technical textiles market** in the world.

**Key Highlights:**

- Technical Textiles have distinct structural and physical features, which make them suitable for specific applications across various sectors:
  - Infrastructure development, aerospace, automotive sector, Military and Defence sector, medical devices, composite materials, among others.
- The significance and importance of institutional buyers and industries in the adoption of technical textiles and products made out of specialty fibres and composites.
- The Ministry of Textiles suggested technical textiles is one of the **fastest growing segments** with a strong global demand.
- A collaborative approach among stakeholders including industry representatives, policymakers, researchers, and investors is imperative to:
  - address the cost implications in the field of composites and specialty fibres
  - increasing awareness and education for wider adoption by the larger community for the growth of the sector, she added.
- Specialty fibres like **aramids, carbon fibre, zylon, glass fibre**, ceramic fibre can be tailored for diverse applications, such as
  - Fire Retardant fabrics, Bullet Resistant Jackets, ropes and cables, windmills (renewable energy) and in gas and chemical filtration respectively.

#### Prelims Takeaway

- Technical Textiles
- Composites

### 8. Department of Telecom brings together 15 startups, academia on "Telecom Design Collaboration Sprint" - PIB

**Relevance:** Science and Technology- Developments and their Applications and Effects in Everyday Life.

**News:**

- The Department of Telecommunications' (DoT) "Telecom Design Collaboration Sprint", brought together start-ups/MSMEs, academia and research institutions.

**Key Highlights:**

- This collaboration engaged in ideation and innovative solutions towards developing
  - a comprehensive and future-ready telecom stack encompassing comprehensive 5G solution and setting the stage for future advancements to **6G**.
- The Sprint was driven by three primary objectives:
  - Leveraging Collective Strengths:** The Sprint enables startups to build and further develop critical 5G infrastructure, which will enable innovation and speed up a common telecom stack development.
  - Fostering Holistic Solutions:** Through collaboration, startups aim to create comprehensive 5G solutions, addressing industry needs and preparing for future advancements.
  - Creating Market Opportunities:** By aligning efforts, it seeks to unlock market potential, empowering startups to compete and grow in the telecom landscape.
- DoT's commitment to nurturing innovation and fostering industry collaboration to propel India's telecommunications sector
  - towards global leadership in the 5G era and beyond.

#### Prelims Takeaway

- 5G, 6G
- Communication Waves

- Improving **core infrastructure**, distribution units (DUs), radio units (RUs), central units (CUs) with an objective to bridge current gaps and provide solutions that are suited to meet future needs.
- The DoT aims at creating a robust and forward-looking mobile telecom stack with an emphasis on advancing towards **6G technology**.

## Editorials, Gists and Explainers

### 9. Reservation within Constitutional bounds - The Hindu

**Relevance:** Mechanisms, Laws, Institutions and Bodies constituted for the Protection and Betterment of these Vulnerable Sections.

**Context:**

- The Constitution aims to secure social justice while guaranteeing equality as a fundamental right.
  - Articles 15 and 16 guarantee equality to all citizens in any action by the state (including admissions to educational institutions) and public employment.
  - To achieve social justice, they also enable the state to make special provisions for the advancement of OBC, SC and ST.

#### the Indra Sawhney case (1992)

- the Supreme Court upheld the 27% reservation for OBC. It opined that caste is a determinant of class in the Indian context and backwardness cannot be determined solely on economic criteria.
  - It fixed a cap of 50% for reservations unless there were exceptional circumstances.
  - The court also provided for excluding the creamy layer from OBC with an income limit currently at ₹8 lakhs per annum.

#### the Janhit Abhiyan case (2022)

- the court by a majority of 3:2 upheld the constitutional validity of the EWS reservation. It held that economic criteria could be a basis for reservation.

#### Affirmative action elsewhere

- In the U.S, there is 'affirmative action' to racial minorities like African-American and Latin-American.
- In the U.K. the law enables voluntary 'positive action' which allows employers to combat under-representation of disadvantaged groups.
- France does not have any affirmative action based on race or ethnicity. It provides educational measures designed to increase opportunities for low-income students.

#### Current status

- The Constituent assembly that framed our Constitution was against reservation solely based on religion.
  - The Constitution guarantees the prohibition of discrimination only based on religion under Articles 15 and 16.
  - This is because the term used in the Constitution is 'socially and educationally backward classes' and could encompass backward communities from all religions.
  - Only for being a member of a SC, 'The Constitution (Scheduled Castes) order, 1950' specifies that the person should profess only Hinduism, Sikhism or Buddhism.
  - There is no such requirement for being a member of a ST.

#### The way forward

- Reservation is affirmative action meant to balance the historical discrimination faced by OBC, SC and ST communities.
  - **Rohini Commission** was set up to provide recommendations on sub-categorisation amongst OBC castes, findings are not yet public.

- The government has constituted a commission headed by former CJI **K. G. Balakrishnan** to study the question of extending SC reservation to Dalits who have converted to religions other than Sikhism and Buddhism.
- The aim should be towards the **continuous pursuit of social justice** while maintaining a harmonious balance with equality guaranteed in the Constitution.

## 10. An AI-infused world needs matching cybersecurity - The Hindu

**Relevance:** Challenges to Internal Security through Communication Networks, Role of Media and Social Networking Sites in Internal Security Challenges, Basics of Cyber Security

**Context:**

- **Generative AI** has exceptionally transformed how we operate, with its integration into sectors such as education, banking, health care, and manufacturing
  - However, it has also transformed the paradigm of cyber-risks and safety.
- According to a recently published report:
  - there has been a 1,265% increase in phishing incidents/emails,
  - along with a 967% increase in credential phishing arising from the manipulation of generative AI.

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| <p><b>Sophisticated cyber threats:</b></p> <ul style="list-style-type: none"> <li>● With sophisticated cyber threats on the rise, organisations and individuals are susceptible to the novel avenues of cyber-attacks, pushing firms to adapt to ever-evolving technology.</li> <li>● As per a study conducted by Deep Instinct,           <ul style="list-style-type: none"> <li>○ around 75% of professionals witnessed an upsurge in cyberattacks in the past year alone,</li> <li>○ while 85% of the surveyed respondents have attributed the increased risk to generative AI.</li> </ul> </li> <li>● While generative AI has significantly impacted productivity across the industrial realm, 70% of professionals reporting increased productivity,</li> <li>● However, organisations cited undetectable phishing attacks, and growing privacy concerns as the biggest challenges.</li> </ul> | <p><b>Solutions:.</b></p> <ul style="list-style-type: none"> <li>● While stringent ethical and legislative frameworks are underway to combat growing cyber crimes due to AI, loopholes and a lack of industrial understanding/comprehension in regulating generative AI persist.</li> <li>● World leaders have recently signed <b>Bletchley Declaration</b>, to initiate collaborative efforts for understanding the potential catastrophic harm caused by the detrimental utilisation of AI           <ul style="list-style-type: none"> <li>○ The countries that signed the agreement include China, the European Union, France, Germany, India, the United Arab Emirates, the United Kingdom and the United States.</li> </ul> </li> </ul> <p><b>At institutional level</b></p> <ul style="list-style-type: none"> <li>● Stern policy-led efforts are pivotal to bolstering the stance against increasing challenges via solutions</li> <li>● Further, a collaborative effort between institutional and industrial stakeholders could necessitate the process of           <ul style="list-style-type: none"> <li>○ improving and implementing a realistic, practical, and effective framework,</li> <li>○ Feedback mechanism to further strengthen the drafting of these regulations.</li> </ul> </li> </ul> |
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## Quick Look

### 1. Sonai Rupai Wildlife Sanctuary

- The Sanctuary is located in the foothills of Himalaya in the Sonitpur district of Assam
- Sonai Rupai Wildlife Sanctuary experiences a sub-tropical type of climate, with heavy summer rains often causing flood and river overflows.
- The wildlife sanctuary is famous for Indian bison, elephant and one-horned rhinoceros

### 2. EAC - PM

- Economic Advisory Council to the Prime Minister (EAC-PM) is an independent body
- It is constituted to give advice on economic and related issues to the Government of India, specifically to the Prime Minister.
- The Terms of Reference of EAC-PM include analyzing any issue, economic or otherwise, referred to it by the Prime Minister and advising him thereon,
- Or addressing issues of macroeconomic importance and presenting views thereon to the Prime Minister.
- These could be either suo-motu or on reference from the Prime Minister or anyone else.
- They also include attending to any other task as may be desired by the Prime Minister from time to time.

### 3. FLiRT

- Variant of the SARS-CoV-2 virus with two new added spike mutations.
- The acronym indicates two specific mutations, which when they occur together, end up conferring greater invasive properties to the virus.
- The U.S. Centre for Disease Control and Protection says FLiRT accounts for approximately 25% of new cases in April 2024
- The symptoms of the new variant are similar to those of other Omicron sub variants: sore throat, cough, nausea, congestion, fatigue, headache, muscle or body ache, loss of taste or smell.

### 4. Marrakesh Agreement

- The Marrakesh Agreement established the World Trade Organization
- signed by 123 countries in 1994, leading to the birth of the WTO on 1 January 1995.
- Over the past 30 years, the WTO has helped to bring about a major expansion in global trade, raising living standards, increasing employment and promoting sustainable development.
- It is the founding treaty of the World Trade Organization (WTO), which was created during the Uruguay Round of the General Agreement on Tariffs and Trade (GATT) negotiations.

### 5. Oleander

- Also known as Arali flowers (oleander) is used in rituals conducted at temples.
- The toxic nature of the flowers could pose harm to humans and animals.
- Travancore Devaswom Board has decided to completely avoid using Arali flowers in the Nivedyam and Prasadam offerings in temples.”
- Several forensic medical journals have reported cases of poisoning from ingestion of oleander leaves.

## Prelims Track Question

**Q.1 Consider the following pairs**

1. Seychelles : Pacific ocean
2. Cook island : Indian ocean
3. Saint Helena : Atlantic Ocean,

**How many of the above pairs are correctly matched?**

- A. Only one
- B. Only two
- C. All three
- D. None

**Q.2 Consider the following statement**

1. cardiovascular disease, cancers, diabetes are non communicable disease
2. A recent report by the ICMR shows a sharp increase in deaths caused by non-communicable diseases (NCDs) in India.
3. The government has revamped its National Program for NCD prevention to address a wider range of conditions and put more emphasis on early detection and treatment.

**How many of the above statements are correct?**

- A. Only one
- B. Only two
- C. All three
- D. None

**Q.3. Consider the following statement regarding Aravallis**

1. It is one of the oldest fold mountains in the world.
2. Mahi and Chambal river flows through it
3. The hill ranges is spanned over 6 Indian states

**How many of the above statement is/are correct?**

- A. Only One
- B. Only two
- C. All three
- D. None

**Q4. Which of the following Indices is released by :**

1. School Education Quality Index
2. Agroforestry Suitability Index (ASI),
3. India Innovation Index
4. Municipal Performance Index

**How many of the above options is/are correct?**

- A. Only one
- B. Only two
- C. Only three
- D. All Four

**Q5. Consider the following statement regarding Interpol**

1. It is an inter-governmental law enforcement organisation that facilitates cooperation between national law forces.
2. Member countries are legally bound by international law to abide by Interpol notices.
3. Red corner notice is issued when the case is related to missing persons, meanwhile, Blue corner notice is issued against a person wanted for extradition.

**How many of the above statement is/are correct?**

- A. Only one
- B. Only two
- C. All three
- D. None

**Q6. Consider the following statement**

**Statement I:** It was established by Security Council resolution 1373 which was adopted unanimously on 28th September 2001 in the wake of the 9/11 terror attacks in the US.

**Statement II:** Only three permanent members and ten non-permanent members of United nation are its member

**Which one of the following is correct in respect of the above statements?**

- A. Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I
- B. Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- C. Statement-I is correct but Statement-II is incorrect
- D. Statement-I is incorrect but Statement-II is correct

**Q7. Consider the following Statements about Technical Textiles:**

**Statement 1:** India has become the 5th largest producer of Technical Textiles in the world.

**Statement 2:** 49% FDI is approved under Automatic route in Technical Textiles

**Which one of the following is correct in respect of the above statements?**

- A. Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I
- B. Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- C. Statement-I is correct but Statement-II is incorrect
- D. Statement-I is incorrect but Statement-II is correct

**Q8. Consider the following statement regarding 5G & 6G**

- 1. 6G wireless network technology is predicted to offer high energy consumption in comparison to 5G
- 2. 6G speed is expected to be 100 times faster than 5G
- 3. 6G will have ultra high latency in comparison to 5G

**How many of the above statement is/are correct?**

- A. Only one
- B. Only two
- C. All three
- D. None

**Q9. Consider the following Statements about Reservation Policy:**

- 1. The concept of reservation based on caste was first proposed by William Hunter and Jyotirao Phule in 1882.
- 2. The 104th amendment allows states and Union Territories to prepare their own Socially and Economically Backward Classes (SEBCs) list.
- 3. The Mandal Commission (1979) recommendation of 32% reservation for OBCs

**How many of the above statement is/are correct?**

- A. Only one
- B. Only two
- C. All three
- D. None

**Q10. Consider the following statement regarding Bletchley Declaration**

- 1. It aims to establish a shared understanding of the risks and opportunities posed by Frontier AI
- 2. India has not signed this declaration
- 3. It has been signed by more than 27 countries

**How many of the above options is/are correct?**

- A. Only one
- B. Only two
- C. All three
- D. None

## Prelims Track Answer

### Answer 1 Option C is correct

#### Explanation

- The Seychelles is a republic of 115 islands in the western Indian Ocean, northeast of Madagascar. The islands are divided into two groups: the inner group of about 40 rocky and mountainous islands, and the outer group of low-lying and coralline islands.
- Saint Helena is a volcanic and tropical island, located in the South Atlantic Ocean,
- The Cook Islands is a nation in the South Pacific, with political links to New Zealand. Its 15 islands are scattered over a vast area.

**Hence all pairs are correct**

### Answer 2 Option C is correct

#### Explanation

- With noncommunicable diseases (NCDs) — cardiovascular disease, cancers, diabetes, etc. — rising, and affecting adolescents and even children India's growing NCD problem
- A recent report by the ICMR shows a sharp increase in deaths caused by non-communicable diseases (NCDs) in India.
- The government has revamped its National Program for NCD prevention to address a wider range of conditions and put more emphasis on early detection and treatment. **Hence all statements are correct**

### Answer 3 Option A is correct.

#### Explanation:

- Aravalli Range is one of the oldest fold mountains of the world. **Statement 1 is correct.**
- Three major rivers and their tributaries flow from the Aravalli, namely Banas and Sahibi rivers which are tributaries of Yamuna, as well as Luni River which flows into the Rann of Kutch. **Statement 2 is incorrect.**
- Aravalli range majorly passes over four Indian states, Delhi, Rajasthan, Haryana and Gujarat. **Statement 3 is incorrect.**

### Answer 4 Option C is Correct

#### Explanation:

- Niti Aayog releases the following Indices:
- **School Education Quality Index**, District Hospital Index, Health Index, Agriculture Marketing And Farmer Friendly reform Index, **India Innovation Index**, Good Governance Index, **Agroforestry Sustainability Index**
- The Municipal Performance Index is released by the Ministry of Housing and Urban Affairs. **Hence Option 4 is Incorrect**

### Answer 5 Option A is correct

#### Explanation:

- The Interpol is an inter-governmental law enforcement organisation which assists and facilitates cooperation between national law forces in 196 member countries to combat transnational crimes. **Statement 1 is correct.**
- The organisation shares information regarding crimes and wanted criminals globally, and provides technical, operational, and investigative support to locate fugitives.
- Notably, member countries are not bound by international law to abide by Interpol notices as they are entirely discretionary. **Statement 2 is incorrect.**
- The interpol issues a blue corner notice when the case is related to missing persons.
- While the red corner notice is generally issued against a person wanted for extradition, or serves a sentence based on a court decision, or a similar lawful action. **Statement 3 is incorrect.**

### Answer 6 Option C is correct

#### Explanation

#### UNSC-CTC

- It was established by Security Council resolution 1373 which was adopted unanimously on 28th September 2001 in the wake of the 9/11 terror attacks in the US.
- The Committee comprises all 15 Security Council member.

- Five permanent members: China, France, Russian Federation, the United Kingdom, and the United States, and ten non-permanent members elected for two-year terms by the General Assembly. **Hence statement 2 is incorrect**

**Answer 7 Option C is Correct**

**Explanation:**

- India has become the 5th largest producer of Technical Textiles in the world. **Hence Statement 1 is Correct**
- 100% FDI is approved under Automatic route in Technical Textiles. **Hence Statement 2 is INcorrect.**

**Answer 8 Option A is correct**

**Explanation:**

- Sixth-generation (6G) wireless network technology is predicted to offer higher coverage, less energy consumption, and cost-effectiveness with improved security. **Statement 1 is incorrect.**
- 6G speed is expected to be 100 times faster than 5G with enhanced reliability and wider network coverage. **Statement 2 is correct.**
- 6G will have ultra low latency in comparison to 5G. **Statement 3 is incorrect.**

**Answer 9 Option A is Correct**

**Explanation:**

- The concept of reservation based on caste was first proposed by William Hunter and Jyotirao Phule in 1882. **Statement 1 is correct**
- The **105th** amendment allows states and Union Territories to prepare their own Socially and Economically Backward Classes (SEBCs) list. **Statement 2 is incorrect**
- The Mandal Commission (1979) recommendation of 27% reservation for OBCs **Statement 3 is incorrect**

**Answer 10 Option B is correct**

**Explanation:**

- The Bletchley Park Declaration aims to establish a shared understanding of the risks and opportunities posed by “frontier AI.” **Statement 1 is correct.**
- The Bletchley Declaration was signed by more than 27 countries, notably India and China, the United States, the United Kingdom, and the European Union. **Statement 2 is incorrect & statement 3 is correct**



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 +91-9477560001 /002/005

 BRANCH: Delhi Kolkata, Raipur, Patna |  
HEAD OFFICE: 641, Ramlal Kapoor Marg,  
Mukherjee Nagar, Delhi, 110009

 [info@geoias.com](mailto:info@geoias.com)

 [www.geoias.com](http://www.geoias.com)