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## SEPTEMBER – 2018

### IMPORTANT TOPICS

- |  |   |
|--|---|
| 1) <b>Kudimaramathu Scheme</b><br>குடிமராமத்துத் திட்டம்                                   | 13) <b>Food fortification</b><br>உணவு வலுவூட்டல்                |
| 2) <b>TN Coastal Zone management Plan</b><br>தமிழ்நாடு கடற்கரையோர மண்டல மேலாண்மைத் திட்டம் | 14) <b>LooReview Campaign</b><br>LOO Review மதிப்பாய்வு         |
| 3) <b>IPC Section 377</b><br>இந்திய குற்றவியல் சட்டப் (IPC) பிரிவு 377                     | 15) <b>e-Sahaj Portal</b><br>இ-சகஜ் இணையவாயில்                  |
| 4) <b>LCA Tejas</b><br>எல்.சி.ஏ தேஜாஸ்   | 16) <b>PRAGATI</b><br>பிரகதி                                    |
| 5) <b>Smart border fence</b><br>எல்லையோர ஸ்மார்ட் வேலி                                     | 17) <b>Krishna Kuthir</b><br>கிருஷ்ணா குதிர                     |
| 6) <b>IPC Section 497</b><br>இந்திய தண்டனைச் சட்டத்தின் பிரிவு 497                         | 18) <b>IOWAVE18</b><br>19) <b>Cyclone – 30</b><br>சைக்ளோன் - 30 |
| 7) <b>Swayangsiddha</b><br>ஸ்வயங்க்சித்தா  | 20) <b>Gaganyaan Mission</b><br>ககன்யான் திட்டம்                |
| 8) <b>APSARA – U</b><br>அப்சரா - யு  | 21) <b>Prahaar</b><br>பிரஹார்                                   |
| 9) <b>Nahargarh Biological Park</b><br>நாகர்கர் உயிரியல் பூங்கா                            | 22) <b>WAYU</b><br>வாயு   |
| 10) <b>Ranjan Gogoi</b><br>இரஞ்சன் கோகாய்  | 23) <b>Jan Dhan Dharshak</b><br>ஜன்தன் தர்ஷக்                   |
| 11) <b>ICESAT-2</b><br>பனி, மேகம் மற்றும் தரை உயர் செயற்கைக்கோள் - 2                       | 24) <b>Rashtriya Poshan Maah</b><br>இராஷ்ட்ரிய போசான் மா        |
| 12) <b>90:90:90 Strategy</b><br>90 : 90 : 90 உத்தி   | 25) <b>Sarala Puraskar award</b><br>சரளா புரஸ்கர் விருது        |
|  | 26) <b>Achievements of Hima Das</b><br>ஹீமா தாலின் சாதனைகள்     |

- |  |  |
|--|--|
| 27) <b>Aapoorti App</b><br>ஆபூர்தி செயலி   | 40) <b>National Sports Award 2018</b><br>தேசிய விளையாட்டு விருது 2018  |
| 28) <b>Vorombe Titan</b><br>வோராம்பே டைட்டன்   | 41) <b>TN Electoral Draft 2018</b><br>தமிழ்நாட்டின் வாக்காளர் வரைவுப் பட்டியல் -2018   |
| 29) <b>Ramon Magsayay Award</b><br>ரமோன் மகசேசே விருது   | 42) <b>The Muslim Women (Protection of Rights on Marriage) Bill, 2017</b><br>இஸ்லாமிய பெண்கள் (திருமண உரிமைகள் பாதுகாப்பு) மசோதா, 2017     |
| 30) <b>Swachhata Hi Seva Campaign</b><br>ஸ்வச்தா ஹை சேவா பிரச்சாரம்                                      | 43) <b>Swachh Bharat Abhiyan</b><br>ஸ்வச பாரத் அபியான்   |
| 31) <b>Coradia iLint</b>   | 44) <b>Man Portable Anti-Tank Guided Missile</b><br>மனிதர்களால் சுமந்து செல்லத்தக்க வகையிலான பீரங்கியைத் தாங்கி அழிக்கும் வழிகாட்டி ஏவுகணை |
| 32) <b>Amitava Roy committee</b><br>அமித்தவா ராய் குழு   | 45) <b>ASTRA Missile</b><br>அஸ்த்ரா ஏவுகணை   |
| 33) <b>Draft India Cooling Action Plan</b><br>வரைவு இந்தியா குளிரூட்டு நடவடிக்கை வரைவுத் திட்டம்         | 46) <b>Sukanya samruddhi yojana</b><br>செல்வ மகள் சேமிப்புத் திட்டம்   |
| 34) <b>NALSA</b><br>நல்சா  | 47) <b>STREE SWABHIMAN</b><br>ஸ்ரீ ஸ்வபிமான்   |
| 35) <b>Atal Bimit Vyakti Kalyan Yojna</b><br>அடல் பிமித் வியாக்தி கல்யாண் திட்டம்                        | 48) <b>HIV/AIDS Act, 2017</b><br>HIV/AIDS சட்டம், 2017   |
| 36) <b>Dam Rehabilitation and Improvement Project</b><br>அணை மறுசீரமைப்பு மற்றும் மேம்பாட்டுத் திட்டம்   | 49) <b>National Digital Communications Policy, 2018</b><br>தேசிய டிஜிட்டல் தகவல் தொடர்பு கொள்கை, 2018                                      |
| 37) <b>e - Vidya Bharathi and e - Aarogya Bharathi</b><br>மின்னணு வித்யா பாரதி மற்றும் ஆரோக்ய பாரதி      | 50) <b>Tamil Nadu Information Communication Technology Policy - 2018</b><br>தமிழ்நாடு தகவல் தொடர்பு தொழில்நுட்ப கொள்கை - 2018              |
| 38) <b>Pradhan Mantri Annadata Aay SanraksHan Abhiyan</b><br>பிரதம மந்திரி அன்னதான ஆய் சன்ரக்ஷன் திட்டம் |  |
| 39) <b>Cassini Mission</b><br>காசினி விண்கலம்  |  |

## **SEPTEMBER - 2018**

### **3 MARK QUESTIONS**

**1. What is Kudimaramathu Scheme?**

- (i) TN Government Scheme - Traditional Water Resource Management System
- (ii) Repair and maintenance of water bodies by Local people.
- (iii) **Major Work:**
  - a. Cleaning weeds from canals,
  - b. Maintenance of lakes,
  - c. Strengthening their banks.

**2. What is TN Coastal Zone management Plan?**

- (i) As per Coastal Regulation Zone (CRZ) Notification, 2011 published by MoEFCC – TN government formed CZMP.
- (ii) **Nodal Agency:** National Centre for Sustainable Coastal Management (NCSCM), Chennai
- (iii) 13 coastal districts of Tamil Nadu will be covered.

**3. Write a note on IPC Section 377.**

- (i) Introduced in 1864 – British.
- (ii) Criminalize sexual activities "against the order of nature"
- (iii) On 6<sup>th</sup> September 2018 - Supreme Court have decriminalised the IPC Section 377

**4. Why LCS Tejas was in news recently?**

- (i) Single - seat multi-role jet fighter, powered by single engine.
- (ii) World's smallest and lightest supersonic fighter aircraft
- (iii) Indigenously developed by HAL
- (iv) Speed: 400km
- (v) Recently it achieved the Mid Air – to - Air Refuelling system.

**5. Bring out the importance of Smart border fence.**

- (i) hi-tech surveillance system
- (ii) Invisible electronic barrier on land, water, air and underground.
- (iii) Installed in Indo – Pak border around 600km
- (iv) built under the Comprehensive Integrated Border Management System (CIBMS) programme

**6. What is IPC Section 497? Why was in news recently?**

- (i) "Anti - Women" - Adultery Law in India
- (ii) The law has been criticised for treating women as property owned by men



(iii) The Supreme Court has declared IPC Section 497 on 27<sup>th</sup> September 2018 as unconstitutional.

**7. What is Swayangsidha?**

- (i) Means self-reliant
- (ii) Combat human trafficking and prevent child marriage.
- (iii) Swayangsidha Groups have been formed in schools and colleges with interested students.
- (iv) These groups were formed with students between the ages of 12 and 21 years.
- (v) State Government's Child Protection Committees are monitoring and guiding these groups.

**8. Write a note on APSARA – U.**

- (i) It is the upgraded version of "Apsara", 1<sup>st</sup> research reactor in Asia BARC, Trombay. (**APSARA**: Started in 1956, decommissioned in 2009)
- (ii) A swimming pool type research reactor
- (iii) Low Enriched Uranium (LEU) is used
- (iv) Applications: research, radioisotope production, education.
- (v) Other Research Reactors: Dhruva, Kamini

**9. Where is Nahargarh Biological Park located? Why was it in News recently?**

- (i) Located in Jaipur-Delhi highway, Aravalli range, Rajasthan
- (ii) Important Fauna: Asiatic lions, Bengal tigers, panthers, hyenas, wolves, sloth bear, Himalayan black bear, wild boar
- (iii) Recently, Rajasthan's first lion safari was inaugurated

**10. Who is Ranjan Gogoi? Why was in news recently?**

- (i) 46<sup>th</sup> Chief Justice of India
- (ii) Article 124 of the Constitution
- (iii) From Assam state
- (iv) Assume office of Chief Justice from 3<sup>rd</sup> October 2018 after the retirement of Chief Justice, Justice Dipak Misra.

**11. What is ICESAT-2?**

- (i) Ice, Cloud and Land Elevation Satellite-2 (ICESat-2)
- (ii) Measure ice sheet balance in polar regions
- (iii) ICESat-2 will also survey heights of the world's forests, lakes, urban areas, cloud cover, sea levels

- (iv) Detailed third dimension to flat images of Earth from space
- (v) Launched by NASA

**12. What do know about 90:90:90 Strategy?**

- (i) Target set by UN-AIDS programme.
- (ii) Target by 2020:
  - a. 90% of all people living with HIV will know their HIV status.
  - b. 90% of all people with diagnosed HIV infection will receive sustained antiretroviral therapy
  - c. 90% of all people receiving antiretroviral therapy will have viral suppression.

**13. What is food fortification?**

- (i) Deliberate addition of one or more micronutrients to food
- (ii) Address malnutrition
- (iii) Elimination of micronutrient deficiency diseases like anaemia, goitre, xerophthalmia, etc.
- (iv) It reduces the risk of death from infectious diseases

**14. What is LooReview Campaign?**

- (i) Encourage local guides to rate and review public toilets on Google Maps.
- (ii) Ease of locating public toilets across India.
- (iii) Ministry of Housing and Urban Affairs & Google jointly launched.

**15. State the importance of e-Sahaj Portal.**

- (i) Facilitate security clearances of businesses.
- (ii) Ease of doing business and promoting investment in the country.
- (iii) Facilitate applicant to submit application in online and also to view status from time to time.

**16. Write a note on PRAGATI.**

- (i) **Pro-Active Governance And Timely Implementation**
- (ii) Multi-purpose, multi-modal platform for speedy service delivery
- (iii) Unique integrating and interactive platform.

**17. Bring out of the importance of “Paryatan Parv - 2018”**

- (i) Promote domestic tourism in the country
- (ii) Create awareness and interest among the public to visit domestic tourist destinations
- (iii) Sensitize the youth on the importance of tourism.

**18. What do you mean by Krishna Kuthir?**

- (i) Uttar Pradesh - Special home for 1000 widows
- (ii) Under Swadhar Greh scheme
- (iii) Largest ever facility created by a UP government.
- (iv) Ministry of Women and Child Development

**19. State IOWAVE18.**

- (i) Multi - National Indian Ocean tsunami mock exercise.
- (ii) Organizer - Intergovernmental Oceanographic Commission (IOC) of UNESCO.
- (iii) Purpose - Increase tsunami preparedness, evaluate response capabilities in each state

**20. What is Cyclone - 30? Mention its Uses.**

- (i) India's biggest Cyclotron
- (ii) Produce: Germanium 68 radioisotopes, Palladium 103 isotopes, Iodine 123 isotopes.
- (iii) Uses: Diagnosis, Treatment of Cancer

**21. Write briefly about Gaganyaan Mission.**

- (i) India's 1<sup>st</sup> Manned Space Mission.
- (ii) ISRO & ROSCOSMOS working together.
- (iii) Will be Sent to Low Earth Orbit (LEO) by 2022
- (iv) 3 astronauts are planned to send to space.

**22. Why MILEX 2018 was in news recently?**

- (i) 1<sup>st</sup> ever field training Military exercise.
- (ii) All BIMSTEC countries participated except Thailand & Nepal
- (iii) Held at Pune, Maharashtra in 10<sup>th</sup> September 2018.

**23. State Prahaar.**

- (i) Indigenously developed surface-to-surface Missile.
- (ii) Short-range ballistic Missile.
- (iii) Range: 200km
- (iv) Developed by Defence Research and Development Organisation (DRDO)

**24. Expand WAYU and State its importance.**

- (i) **W**ind **A**ugmentation Purif**Y**ing **U**nit
- (ii) Developed by CSIR - National Environmental Engineering Research Institute
- (iii) Installed in New Delhi

- (iv) Works on two principles: Wind generation for dilution of air pollutants and Active Pollutants removal.
- (v) Capacity to purify air in an area of 500 meter square.

**25. Write a note on Jan Dhan Dharshak.**

- (i) Ministry of Finance Launched the Mobile App
- (ii) Provide Guidance to Common People in Locating a Financial Service Touch Point at a Given Location in the Country

**26. What do you mean by Rashtriya Poshan Maah?**

- (i) POSHAN Abhiyaan (National Nutrition Mission) is India's flagship programme
- (ii) To improve nutritional status of children up to 6 years, adolescent girls, pregnant women and lactating mothers
- (iii) National Council on India's decided to celebrate - the month of September as Rashtriya Poshan Maah

**27. Write the Significance of Sarala Puraskar award.**

- (i) Instituted by Odia industrialist Late Dr. Bansidhar Panda and Late Mrs. Ila Pnada in the year 1979.
- (ii) Awarded by Indian Metals Public Charitable Trust (IMPACT).
- (iii) Recognize and glorify Odia literature.
- (iv) Other related award given by IMPACT is: The Ekalavya Award for young talents.

**28. List out the achievements of Hima Das.**

- (i) IAAF World U-20 Championships - Clocking 51.46 seconds (400 m) – 1st Indian sprinter to win a gold medal.
- (ii) 2018 Asian Games - qualified for 400 m final - Clocking 51.00 in heat 1 and setting a new Indian national record.
- (iii) Arjuna Award - 2018
- (iv) Sports ambassador of Assam.
- (v) UNICEF India's 1st ever youth ambassador
- (vi) Nicknamed as Dhing Express.

**29. Write a note on Aapoorti App.**

- (i) Indian Railways e-procurement system App
- (ii) App provides information and data related e-tendering and e-auction activities of Indian Railways.
- (iii) Users can see upcoming auctions, auction schedules, sale conditions, details of material available for e-auction.



**30. Mention any five Marine National Parks and Sanctuaries in India.**

Marine National Parks / Sanctuaries	STATE
Gahirmata Marine Sanctuary	Odisha
Gulf of Mannar Marine National Park	Tamil Nadu
Gulf of Kachchh Marine National Park	Gujarat
Malvan Marine Sanctuary	Maharashtra
Holliday Sanctuary	West Bengal

**31. What do you know about Vorombe Titan?**

- (i) World's largest bird.
- (ii) 3 meters high and weighs upto 800 kg
- (iii) Found in Madagascar and extinct now
- (iv) study released by Zoological Society of London
- (v) Earlier, Aepyornis Titan believed to be the largest bird

**32. What do you know about Ramon Magsayay Award? Who are the recipients in 2018?**

- (i) Popularly known as Asia's Nobel Prize is given every year to individuals and organizations.
- (ii) Established in 1957
- (iii) Named after 3<sup>rd</sup> Philippine president, Ramon Magsaysay
- (iv) For selfless service and transformation of lives.
- (v) 2018: Bharat Vatwani and Sonam Wangchuk

**33. What are the objectives of Swachhata Hi Seva (SHS) Campaign?**

It is a Jan andolan, which aims at accelerating the vision for a Clean India.

- (i) **Accelerate** the momentum of Swachh Bharat in the run-up to its 4th anniversary.
- (ii) **Re-energise** the Swachh Bharat Jan Andolan and lay down the foundation of sustainability
- (iii) **Reinforce** the concept of "Sanitation as everyone's business"
- (iv) Commence Mahatma Gandhi's 150<sup>th</sup> birth year celebrations with a nationwide campaign

**34. What is Coradia iLint?**

- (i) World's 1st hydrogen fuel cell powered train
- (ii) Noise free, zero emissions train
- (iii) Speed: 140km/hr.

- (iv) Running cost: cheaper than diesel trains.
- (v) Developed by Germany

**35. Write about Amitava Roy committee.**

Examine the various problems plaguing in prisons like,

- a. Overcrowding in prisons
- b. Unnatural deaths of prisoners
- c. Gross inadequacy of staff

**36. What are the aims of draft India Cooling Action Plan and mention its Theme?**

- (i) Reduction of cooling demand across sectors by 20% to 25 % by year 2037-38.
- (ii) Training of 100,000 service sector technicians by 2022-23 under Pradhan Mantri Kaushal Vikas Yojana.
- (iii) Reduction of refrigerant demand by 25% to 30% by year 2037-38.
- (iv) **THEME:** "Keep Cool and Carry on": The Montreal Protocol.

**37. What is NALSA?**

- (i) **N**ational **L**egal **S**ervices **A**uthority
- (ii) Constituted under Legal Services Authorities Act, 1987
- (iii) Provide free legal services to weaker sections of society
- (iv) ensure that opportunities for securing equal justice to all citizen

**38. Write a short note on Atal Bimit Vyakti Kalyan Yojna.**

- (i) Financially support those who lost their jobs or rendered jobless
- (ii) The Employee's State Insurance has approved a scheme named 'Atal Bimit Vyakti Kalyan Yojna'
- (iii) Beneficiaries: Covered under Employee's State Insurance Act, 1948 for period of two years continuously.
- (iv) Relief will be payable in cash directly to bank account of insured persons in case of unemployment.

**39. Define DRIP.**

- (i) **D**am **R**ehabilitation and **I**mprovement **P**roject
- (ii) Improve the safety and operational performance of selected existing dams
- (iii) Mitigate risks to ensure safety of downstream population and property
- (iv) Ministry of Water Resources, Government of India and World Bank are implemented the project for six-year.

**40. What is (e-VBAB) Network Project?**

- (i) e-VidyaBharati and e-AarogyaBharati (e-VBAB) Network Project.

- (ii) e-VidyaBharati: Tele education; e-AarogyaBharati: Tele Medicine
- (iii) Digital bridge of knowledge and health between India and Africa.
- (iv) Provide free tele - education courses in various academic disciplines

**41. What do you mean by Pradhan Mantri Annadata Aay SanraksHan Abhiyan (PM-AASHA)?**

- (i) Remunerative prices to farmers for their product
- (ii) The umbrella scheme PM-AASHA comprises three sub-schemes:
  - a. Price Support Scheme (PSS)
  - b. Price Deficiency Payment Scheme (PDPS)
  - c. Pilot of Private Procurement & Stockist Scheme (PPPS)

**42. Write about EyeROV TUNA.**

- (i) India's 1<sup>st</sup> underwater robotic drone
- (ii) Smart micro-ROV (Remotely Operated Vehicle)
- (iii) Perform visual inspection and surveys of submerged structures up to depth of 100 metres
- (iv) Designed for military purposes

**43. Write the objectives of Cassini Mission.**

- (i) Determine 3D structure and dynamic behavior of the rings of Saturn.
- (ii) Determine the nature and origin of the dark material on Iapetus's leading hemisphere.
- (iii) Measure 3D structure and dynamic behavior of the magnetosphere.
- (iv) Study the dynamic behavior of Saturn's atmosphere at cloud level.
- (v) Study the time variability of Titan's clouds and hazes.
- (vi) Characterize Titan's surface on a regional scale.

**44. Mention any five players who won the National Sports Award 2018 and their respective fields.**

**a. Rajiv Gandhi Khel Ratna 2018:**

Players	Sports
Virat Kohli	Cricket
S. Mirabai Chanu	Weightlifting

**b. Arjuna Award 2018:**

Players	Sports
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<b>Smriti Mandhana</b>	Cricket
<b>Manika Batra</b>	Table Tennis

**c. Dronacharya Awards 2018:**

<b>Players</b>	<b>Sports</b>
<b>Tarak Sinha</b>	Cricket
<b>A. Srinivasa Rao</b>	Table Tennis

**45. Write a short note on TN Electoral Draft 2018.**(i) Released on 1<sup>st</sup> September 2018

<b>Total No. Of Voters in TN</b>	5.86 Crore
<b>Female Voters</b>	2.94 Crore
<b>Male Voters</b>	2.88 Crore
<b>Transgender Voters</b>	5184
<b>Legislative Assembly having Maximum No. Of Voters</b>	Sholinganallur, Kancheepuram District (6.07 Lakh Voters )
<b>Legislative Assembly having Minimum No. Of Voters</b>	Chennai Fort (1.64 Lakh Voters)

## 8 MARK QUESTIONS

### 1. Write about The Muslim Women (Protection of Rights on Marriage) Bill, 2017

#### Definition:

- (i) Bill also known as Triple talaq bill
- (ii) Triple talaq is a practice by which Muslim men divorce their wives by uttering 'talaq' thrice, over a period of three months.

#### Origin:

In the Saira Bano case (2017) – Triple Talaq including Talaq-e-biddat,

- (i) Violates Article 14 (Equality), and
- (ii) Not an essential religious practice of Islam, so no protection under Article 25 (Religious freedom).

So, Supreme Court directed parliament for legislation

#### Objectives of the bill:

- (i) Ensure constitutional goals of gender justice
- (ii) Ensures gender equality of married Muslim women
- (iii) Subserve their fundamental rights of non-discrimination
- (iv) Empowers women

#### Features of Bill:

- (i) Declaration of Talaq which results in instant and irrevocable divorce in any form, (written or electronic) is unconstitutional, illegal and void.
- (ii) **Offence and penalty:** It makes declaration of talaq a cognizable and non-bailable offence (Imprisonment upto 3 years along with fine).
- (iii) **Allowance:** Affected Muslim women can get allowance from her husband for herself and for her children. First Class Magistrate will decide this allowance amount.
- (iv) **Custody of minor children:** First Class Magistrate will make determination of custody of her minor children.



**2. Write the objectives of Swachh Bharat Abhiyan or Clean India Campaign.**

- (i) Nationwide campaign and biggest ever cleanliness drive in the country.
- (ii) The goal is to achieve Swachh Bharat by 2019, as a tribute to the 150th Birth Anniversary of Mahatma Gandhi, by improving the levels of cleanliness in rural areas and making Gram Panchayats Open Defecation Free (ODF).
- (iii) **Specific Objectives:**
  - a. Elimination of open defecation.
  - b. Conversion of insanitary toilets to pour flush toilets.
  - c. Eradication of manual scavenging.
  - d. 100% collection and scientific processing/disposal/reuse/recycling of municipal solid waste.
  - e. A behavioral change in people regarding healthy sanitation practices
  - f. Generation of awareness among citizens about sanitation and its linkages with public health.
  - g. Supporting urban local bodies in designing, executing and operating waste disposal systems.
  - h. Facilitating private-sector participation in capital expenditure and operation and maintenance costs for sanitary facilities.

**3. Explain the following:**

**a. Briefly explain Man Portable Anti-Tank Guided Missile (MPATGM).**

- (i) Indigenously developed 3<sup>rd</sup> generation Anti-Tank Missile
- (ii) Fire & Forget
- (iii) Fitted with a high-explosive anti-tank (HEAT) warhead,
- (iv) Target Range: 200metre to 2.5 kilometers.
- (v) Soft launch system for gunner safety
- (vi) Developed by DRDO

**b. Mention the significance of ASTRA Missile.**

- (i) Indigenously developed Beyond Visual Range (BVR) air-to-air Missile
- (ii) 3.8 metre tall Astra is a radar homing missile
- (iii) All-weather; state-of-the-art missile developed by DRDO
- (iv) Smallest of the DRDO-developed missiles
- (v) Launched from different altitudes.
- (vi) Destroy enemy aircraft at:
  - a. Supersonic speed (1.2 Mach to 1.4 Mach)
  - b. Head-on (up to 80 km) &
  - c. Tail-chase (up to 20 km)
- (vii) Reach up to:
  - a. 110 km when fired from an altitude of 15 km,
  - b. 44 km when launched from an altitude of 8 km &
  - c. 21 km when fired from sea level

**4. Explain the following.**

**a. Discuss the salient features of Sukanya samruddhi yojana.**

- (i) A small savings scheme, it is a part of BBBP.
- (ii) The Sukanya Samruddhi Account is opened to facilitate their education and marriage expenses with a minimum deposit of Rs 1,000 and a maximum of Rs 1.5 lakh.
- (iii) A parent or legal guardian can open an account in the name of the girl child until she attains the age of ten years.
- (iv) She can withdraw 50% of the money after reaching age of 18 e.g. for higher education. 18 years deadline will also help preventing child-marriages.
- (v) The annual deposit (contributions) qualifies for Section 80C benefit and the maturity benefits are non-taxable.
- (vi) It would prevent early marriages of girl and ensure equitable share to a girl child in resources and savings of a family in which she is generally discriminated as against a male child

**b. STREE SWABHIMAN - Explain**

- (i) Under this project, sanitary napkin micro manufacturing units (semi-automatic and manual process production unit) are being setup at CSCs across India, particularly those operated by women entrepreneurs.
- (ii) The product (sanitary napkin) will be sold under the "Swabhimaan" brand name and the Organization with the help of Village Level Entrepreneur (VLEs) and SHG groups will obtain the trade license for marketing the sanitary napkins at a subsidized rate.
- (iii) It also has a menstrual hygiene related awareness generation component and aims to increase usage of sanitary napkins among rural girls in schools and colleges by making the napkins available to almost 1,000 girls in the primary and secondary schools in their village, encompassing girls from 7th to 12th grade.
- (iv) CSC SPV will try to raise funds to provide sanitary pads to girl students in Rural Areas of Country free of cost.

## 15 MARK QUESTION

1) **Explain the Following:**

(i) **What is NACO?**

- a. National AIDS Control Organisation (NACO)
- b. Established in 1992
- c. HIV/AIDS control programme in India
- d. Ministry of Health and Family Welfare

(ii) **Write the Salient features of the HIV/AIDS Act, 2017.**

**a. Prohibition of Discrimination:**

1. Unfair treatment at employment and residence
2. Publishing information about HIV positive persons and those living with them.

**b. Informed consent:**

1. Medical interventions can't be done without HIV- affected person's consent.
2. HIV affected pregnant woman, can't be subjected to abortion without her consent.

**c. Guidelines for testing centres:** Laboratories or blood bank should follow guidelines for HIV test.

**d. Disclosure of HIV status:**

1. Without order of the court, no person is compelled to disclose his HIV status.
2. Violation: 2 Yrs of imprisonment or fine up to Rs. 1 lakh

**e. Confidentiality of data:** Guidelines for data protection of HIV-related information should be followed by institutions

**f. Central and State Government to take measures:**

1. To prevent the spread of HIV
2. Must make:
  - (i) Diagnostic facilities,
  - (ii) Anti-retroviral therapy and

(iii) Infection management

3. Welfare Measures & protection of children should be given

**g. Prohibition of Isolation of Person:**

Every HIV- positive person has the right to,

1. Reside in a shared household
2. Non – discriminatory treatment

**h. Ombudsmen:**

1. Every state has to appoint one or more Ombudsmen to inquire into violations of the provisions of the Act.
2. Action to be taken within 30 days
3. Penalty of up to Rs 10,000, if they fails to comply

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## 30 MARK QUESTION

### 1. National Digital Communications Policy – 2018 - Elaborate

Telecom Commission was re-designated as the “Digital Communications Commission”.

#### Need for New Policy:

- (i) Modern technological advancements in the Telecom Sector such as 5G, IoT
- (ii) Enhancing rural tele-density, optical fibre network to gram Panchayats, minimum broadband speed
- (iii) NDCP is the main pillar for building the Digital India
- (iv) Government wants to focus on socio-economic growth of the country with the help of the telecom sector instead of seeing it as source of revenue generation.

#### Objectives:

- a. Broadband for all
- b. Creating four million additional jobs in the Digital Communications sector
- c. Enhancing the contribution of the Digital Communications sector to 8% of India's GDP from ~ 6% in 2017
- d. Propelling India to the Top 50 Nations in the ICT Development Index of ITU from 134 in 2017
- e. Enhancing India's contribution to Global Value Chains; and Ensuring Digital Sovereignty.

#### Strategy:

- a. Establishment of a National Digital Grid by creating a National Fibre Authority
- b. Establishing Common Service Ducts and utility corridors in all new city and highway road projects
- c. Creating a collaborative institutional mechanism between Centre, States and Local Bodies for Common Rights of Way, standardization of costs and timelines
- d. Removal of barriers to approvals
- e. Facilitating development of Open Access Next Generation Networks

### **3 Missions are followed in NDCP:**

- a. Connect India
- b. Propel India
- c. Secure India

#### **a. Connect India:**

- (i) National Broadband Mission or Rashtriya Broadband Abhiyan to secure universal broadband access
- (ii) **BharatNet** – Providing 1 Gbps to Gram Panchayats upgradeable to 10 Gbps
- (iii) **GramNet** – Connecting all key rural development institutions with 10 Mbps upgradeable to 100 Mbps
- (iv) **NagarNet** – Establishing 1 Million public Wi-Fi Hotspots in urban areas
- (v) **JanWiFi** – Establishing 2 Million Wi-Fi Hotspots in rural areas

#### **b. Propel India:**

- (i) Enabling Next Generation Technologies and Services through Investments, Innovation and IPR generation
- (ii) Roadmap for transition to Industry 4.0 by 2020
- (iii) Focusing on R&D by creating a Fund for R&D in new technologies for start-ups and entrepreneurs
- (iv) Creation of Innovation led startups

#### **c. Secure India:**

- (i) Ensuring Sovereignty, Safety and Security of Digital Communications
- (ii) Establishing a strong, flexible and robust Data Protection Regime, assuring Security of Digital Communications by formulating a policy on encryption and data retention, instituting a sectoral Cyber Security Incidence Response System (CSIRT).
- (iii) Comprehensive plan for network preparedness, disaster response relief, restoration and reconstruction
- (iv) Address security issues relating to encryption and security clearances

## **2. Write an essay on Tamil Nadu Information Communication Technology Policy – 2018.**

### **Preamble:**

- (i) The Information Technology (IT) and Information Technology enabled Services (ITeS) industry has been playing key role in India's economic growth.
- (ii) The Government of Tamil Nadu has integrated the policy initiatives for the IT/ITeS sector with its own 'Vision 2023' in order to provide inclusive and all round development.
- (iii) The State Government has proposed to formulate a new Information Communication Technology (ICT) Policy

### **Competitive advantages of Tamil Nadu:**

- a. Proactive, investor friendly and visionary leadership
- b. Stable Government with investor-friendly policies
- c. Large pool of English speaking and technically qualified work force
- d. Availability of international and domestic bandwidth for communication with well-developed telecom network and high tele-density
- e. High rate of urbanization
- f. Establishment of Back offices of several Multi-National Corporations (MNCs)
- g. Institutional framework to promote industry academia interface  
Reliable infrastructure

### **Well Established IT & ITeS Infrastructure in Tamil Nadu:**

- (i) There are 38 operational SEZs, out of which 18 SEZs are the IT / ITeS sector specific SEZs in the State.
- (ii) Around 246 IT Parks are in the Pipeline with a builtup space of 146 million sq. feet in Tamil Nadu.

### **Vision 2023 objectives:**

The Government of Tamil Nadu as part of its Vision 2023 has envisioned the following for development of IT/ITeS sector in the state.

- (i) Availability of dynamic information architecture
- (ii) Availability of Skilled workforce
- (iii) Knowledge Ecosystem comprising research organisations, universities, think tanks, and business organisations that focuses on enhancing the knowledge base
- (iv) An economic and institutional regime that incentivises knowledge creation and entrepreneurship

### **Vision Targets:**

- (i) To make Tamil Nadu the number one State in the sector in India
- (ii) To make Tamil Nadu the destination of choice for foreign investors in the IT/ITeS sector
- (iii) To create large scale employment opportunities
- (iv) To ensure world class skill availability
- (v) To provide IT/ITeS companies with the best business climate

### **Areas of focus:**

To improve IT/ITeS Industries in Tamil Nadu, ELCOT and other Agencies will give more thrust in the following fields/areas in addition to existing business operations:-

- a. Social, Mobile, Analytics and Cloud (SMAC)
- b. E-Commerce portal for Government Departments
- c. e-Learning
- d. Massive Open Online Course content (MOOC)
- e. Content Creation
- f. Digital Management and Technology
- g. Business Intelligence Software and Analytics
- h. Data warehousing
- i. ESDM (Electronics System Design and Manufacturing) Training
- j. Tamil Computing

### **New Technologies:**

The Government will encourage IT/ITeS Companies in Tamil Nadu to take all steps to enhance awareness and impart training to their employees to upgrade the employability skills of their employees in the emerging technologies like:

- a. Artificial Intelligence, Machine learning and Robotics
- b. 3D Printing
- c. IT application in different sectors
- d. Banking Financial Service Industries (BFSI) (FinTech)
- e. Health and medicine (MedTech)
- f. Agriculture (AgriTech)
- g. Online Education and training (Edutech) etc.
- h. Internet of Things (IoT)
- i. Block Chain Technology
- j. Data analytics

Thus, The Policy endeavors to strengthen the position of Tamil Nadu in the IT/ITeS space and help in becoming the most preferred investment destination in the country.

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