

Group 2 2A Syllabus Topic Wise Revision Test
Development Administration in Tamil Nadu Part 7 in English

Portion: UNIT – IX : Development Administration in Tamil Nadu: e-Governance in Tamil Nadu

1. Centre of Excellence in Emerging Technologies (CEET) is established by_____

- a) National Informatics Centre
- b) Tamil Nadu e-Governance Agency**
- c) National e-Governance Agency
- d) ELCOT

Explanation

TNeGA established a Centre of Excellence in Emerging Technologies (CEET), taken a huge step forward by taking advantage of the Emerging Technologies.

2. Which among the following is/ are the emerging technologies?

- 1) Drones
 - 2) Augmented reality
 - 3) Virtual reality
- a) 1, 2, 3**
 - b) 1, 2
 - c) 2, 3
 - d) None

Explanation

Emerging Technologies include blockchain, artificial intelligence, machine learning, Internet of things, drones, augmented reality, virtual reality, additive manufacturing, analytics, geographic information system (GIS), etc.

3. Which of the following will ensure correct targeting of individual beneficiaries and households while extending Government welfare schemes?

- a) GIS
- b) ELCOT
- c) TNeGA
- d) SFDB**

Explanation

A State Family Database (SFDB) that is being created will ensure correct targeting of individual beneficiaries and households while extending Government welfare schemes. ERP driven Offices, predictive and data driven governance will become the order of the day. The right data is key to taking the right decisions, so that scarce resources are put to optimum use.

4. The full form of TVA is_____

- a) Tamil Nadu Virtual Academy
- b) Tamil Virtual Academy**
- c) Tamil Nadu Vehicle Administration
- d) Tamil Vehicle Administration

Explanation

Tamil Computing will also get a fillip through the Tamil Virtual Academy (TVA) as they exploit emerging technologies.

5. Which of the following is/are the step taken by TN government for e-security?

- a) CERT-TN
- b) CSA-TN
- c) CCMP-TN
- d) All the above**

Explanation

The Government of Tamil Nadu has taken a huge step towards ensuring e-security of Government transactions by creating a Cyber Security Architecture for Tamil Nadu (CSA-TN). This will culminate in the creation of CERT-TN (Computer Emergency Response Team – Tamil Nadu), SOC-TN (Security Operations Centre – Tamil Nadu), CCMP-TN (Cyber Crisis Management Plan – Tamil Nadu) and SAF-TN (Security Architecture Framework – Tamil Nadu).

6. Which of the following is critical component for e-Governance?

- a) Bandwidth**
- b) Human Resource
- c) Software Available
- d) All the above

Explanation

For any e-Governance activity, the backbone is the IT infrastructure which includes the State Data Centre, State Disaster Recovery Centre, Cloud Infrastructure, State Wide Area Network, State Portal, etc., with bandwidth being the critical component.

7. Tamil Nadu Fibre Net Corporation (TANFINET) has established under the_____ projects

- 1) Bharat Net
- 2) Jio Net
- 3) Tamil Net
 - a) 1, 2, 3
 - b) 1, 2
 - c) 1, 3
 - d) 2, 3

Explanation

Tamil Nadu Fibre Net Corporation (TANFINET) has been established to implement a 55,000 km optical fibre network under the Bharat Net and Tamil Net projects which will ensure at-least 1 Gbps connectivity to each of the 12,524 Village Panchayats, 528 Town Panchayats, 121 Municipalities and 15 Corporations.

8. The Tamil Nadu Arasu Cable TV Corporation_____ services

- 1) digital cable TV
- 2) Analog cable TV
- 3) Over the Top
 - a) 1, 2, 3
 - b) 1, 3
 - c) 2, 3
 - d) 1 alone

Explanation

Tamil Nadu Arasu Cable TV Corporation (TACTV) which provides digital cable TV services to our Citizens, will in the near future also provide IPTV services, Over The Top (OTT) services and Internet connectivity to rural and urban households, taking advantage of the Bharat Net and Tamil Net infrastructure respectively.

9. Electronics Corporation of Tamil Nadu, commonly known as ELCOT, is a _____

- a) **Public sector**
- b) Private sector
- c) Joint sector
- d) None

Explanation

Electronics Corporation of Tamil Nadu, commonly known as ELCOT, registered under Companies Act, 1956 on 21.03.1977 is a wholly owned Public Sector Undertaking of the Government of Tamil Nadu constituted with the main objective of assisting development of electronics in the State.

10. How many IT Special Economic zones does ELCOT has Set-up?

- a) 15
- b) 8**
- c) 34
- d) 10

Explanation

ELCOT branched out to establish IT Special Economic Zones (SEZs) and has set-up 8 IT SEZs in Chennai and in Tier-II cities of the State viz., Coimbatore, Madurai, Tiruchirappalli, Salem, Tirunelveli and Hosur.

11. The Tamil Nadu, Disaster Recovery Centre is created by_____

- a) ELCOT**
- b) NIC
- c) IITMRP
- d) MCC

Explanation

ELCOT has also created IT infrastructure including Tamil Nadu State Wide Area Network (TNSWAN), Tamil Nadu State Data Centre (TNSDC), Disaster Recovery Centre (DRC), Cloud etc.

12. The e-Attendance System has been established in ELCOT during_____

- a) 2019
- b) 2015**
- c) 2012
- d) 2011

Explanation

The e-Attendance System has been established in ELCOT during 2015, using the Biometric finger print device. The e-Attendance System is integrated with Access Control System.

13. Who of the following develops software for reviewing projects handled by 5 HOD's?

- a) ELCOT**
- b) TNeGA
- c) TVA
- d) TANFINET

Explanation

ELCOT is developing a software for reviewing the projects handled by five HODs (ELCOT, TNeGA, TACTV, TVA and TANFINET) under the control of Information Technology Department.

14. ELCOT IT SEZ in Coimbatore located in_____

- a) Sholinganallur
- b) Vilankurichi
- c) **Ilandhaikulam**
- d) Gangaikondan

Explanation

ELCOT has developed 8 IT/ ITES SEZs in the Tier-I & Tier-II locations, to ensure an even spread of IT/ITeS industry across Tamil Nadu. 1. Sholinganallur in Chennai 2. Vilankurichi in Coimbatore 3. Ilandhaikulam in Madurai 4. Vadapalanji in Madurai 5. Navalpattu in Tiruchirappalli 6. Gangaikondan in Tirunelveli 7. Jagirammappalayam in Salem 8. Viswanathapuram in Hosur.

15. TNSWAN is scheme of_____

- a) State
- b) Centre
- c) **Joint**
- d) None

Explanation

TNSWAN commenced its operations on 01.12.2007 as a shared scheme between the Central and State Governments.

16. Currently, Tamil Nadu State Wide Area Network is operating under the finance of_____

- a) **State**
- b) Centre
- c) Joint
- d) None

Explanation

Currently, the Tamil Nadu State Wide Area Network (TNSWAN) scheme is in operation with state funding.

17. The Network Operation Centre (NOC) is located at_____

- a) **ELCOT, Perungudi**
- b) ELCOT, Tambaram
- c) ELCOT, Shollinganallur
- d) ELCOT, Trichy

Explanation

Initially, TNSWAN commenced its operations with 708 PoPs (Points of Presence). Currently there are 821 PoPs in the network. The Network Operation Centre (NOC) is located at ELCOT, Perungudi.

18. The Network to TNSWAN and TNSDC are provided by_____

- a) JIO Net
- b) Bharat Net
- c) **National Knowledge Network**
- d) Tamil Net

Explanation

National Knowledge Network (NKN) is a State-of-the art, Multi Giga Bit Network aimed at connecting all universities, colleges and research establishments across the country. Both TNSWAN and TNSDC have been provided with 1 Gbps connectivity through this network enabling the user Departments to access applications hosted at the national level.

19. Primary connectivity for TNSWAN Tier-II PoP at Taluk, BDO and RDO level is

provided by_____

- a) **BSNL**
- b) JIO
- c) Tamil Net
- d) Both a and c

Explanation

Primary connectivity for TNSWAN Tier-II PoP at Taluk, BDO and RDO level is provided by BSNL. In order to ensure uninterrupted connectivity at these Tier-II PoPs, a secondary 2 Mbps MPLS-VPN (1:1) redundant connectivity has been implemented. Redundant links have been provided at 210 Tier-2 Vertical PoPs.

20. ELCOT provides MPLS VPN connectivity services to around___ Offices of Government

Departments

- a) 200
- b) 500
- c) **100**
- d) 10

Explanation

Multi Protocol Label Switch Virtual Private Network (MPLS VPN) (1:1) connectivity is being provided not only as redundant connectivity to TNSWAN connectivity at Vertical POPs but also for other

departments that require committed intranet bandwidth. ELCOT provides MPLS VPN connectivity services to around 100 Offices of Government Departments.

21. _____ is a cost-effective alternative for providing Intranet access at lower bandwidth

- a) VPNoBB
- b) Internet Leased Line
- c) MPLS VPN
- d) All the above

Explanation

Virtual Private Network (VPN) over Broadband is a cost-effective alternative for providing Intranet access at lower bandwidth. ELCOT provides VPNoBB connectivity to around 600 Government offices.

22. Disaster Recovery Centre of its own in a different seismic zone for data and services,

TNDRC has been established at_____

- a) ELCOSEZ, Tiruchirappalli
- b) ELCOSEZ, Pernugudi
- c) ELCOSEZ, Tambaram
- d) None

Explanation

In order to have a Disaster Recovery Centre of its own in a different seismic zone for data and services, TNDRC has been established at ELCOSEZ, Tiruchirappalli at an estimated cost of Rs.59.85 crore.

23. ELCOT has taken significant steps towards successful implementation of e-Governance

Since_____

- a) 1996
- b) 2002
- c) 2006
- d) 2011

Explanation

ELCOT has taken significant steps towards successful implementation of e-Governance since 1996. ELCOT has been developing websites and application software development for Government Departments.

24. on behalf of_____ ELCOT to submit proposals to run Aadhaar Enrolment Centres in 385

Blocks

- a) Samagra Shiksha
- b) e-SCR
- c) ESZ
- d) SEZ

Explanation

Samagra Shiksha has requested ELCOT to submit proposals to run Aadhaar Enrolment Centres in 385 Blocks (two counters per block in 120 Blocks and one counter per block in 265 Blocks) on behalf of SamagraShiksha for the benefit of school students. ELCOT will be establishing the centres soon.

25. Which of the following are the Smart Classroom assimilates provided by state \ government?

- 1) Attractive and effective Presentation
 - 2) Digital 2D/3D Animated Content
 - 3) International Learning Environment
- a) 1, 2
 - b) 1, 2, 3
 - c) 2, 3
 - d) 1, 3

Explanation

Smart Classrooms are technology enhanced classrooms that foster new teaching and learning experiences for teachers and students. The Smart Classroom assimilates – Attractive and effective Presentation – Digital 2D/3D Animated Content – International Learning Environment.

26. e-SCR project is implemented for class_____

- a) 6 to 12
- b) 6 to 8
- c) 2 to 8
- d) 4 to 8

Explanation

ELCOT has so far implemented e-SCR project in 256 schools in Tamil Nadu for standards VI to XII.

27. The tollfree number for Amma call centre is_____

- a) 1001
- b) 1000
- c) 1008

d) 1100

Explanation

Amma Call Centre with toll-free number 1100(24x7) that was launched on 19.01.2016 initially functioned under the administrative control of the Public Department.

28. The Amma call centre comes under_____ department

- a) Home affairs
- b) Information Technology**
- c) DPH
- d) Educational

Explanation

From 15.02.2018 onwards, it has started functioning under the administrative control of the Information Technology Department. ACC enables the public to submit grievances at any time and anywhere through to mobile phone.

29. Which of the following is correct regarding Amma call centre?

- 1) Calls are attended by agents employed in the Amma Call Centre
 - 2) Each grievance is registered and numbered
 - 3) The receipt of the grievance is acknowledged to the petitioner by SMS
- a) 1, 2, 3**
 - b) 1, 2
 - c) 2, 3
 - d) 1, 3

Explanation

The calls are attended by agents employed in the Amma Call Centre. Each grievance is registered and numbered. The receipt of the grievance is acknowledged to the petitioner by SMS and the same is forwarded with a gist of the grievance by SMS to the concerned Grievance Redressal Officer (GRO) for redressal.

30. Which of the districts have 30 seats in ELCOT?

- 1) Madurai
 - 2) Tiruchirappalli
 - 3) Tuticorin
- a) 1, 2**
 - b) 1, 3
 - c) 1, 2, 3
 - d) 2, 3

Explanation

Adequate infrastructure facilities have been created at ELCOT, Perungudi, Chennai with 75 seats and minimum of 15 seats at district level except Madurai and Tiruchirappalli, which have 30 seats.

31. How welfare schemes inaugurated through video conference between May 2016 to June 2019?

- a) 300
- b) 500
- c) **187**
- d) 10

Explanation

Inauguration of 197 welfare schemes from May 2016 to June 2019 through Video Conferencing by the Hon'ble Chief Minister.

32. Which of the following are maintained and upgraded in Tamil Nadu Secretariat?

- 1) SECNET
- 2) SECLAN
 - a) 1 alone
 - b) 2 alone
 - c) **Both 1 and 2**
 - d) None

Explanation

Supply and Maintenance of Digital synchronized clocks at Tamil Nadu Legislative Assembly, Maintenance of Secretariat Network (SECNET) on 24x7 basis, Upgradation and provision of network infrastructure (SECLAN) at Secretariat.

33. For which of the following is ELCOT is drafting a policy to make Tamil Nadu lead in Financial Technology?

- a) **Fintech**
- b) SECLAN
- c) e-SCR
- d) all the above

Explanation

ELCOT is drafting a policy on Fintech for making Tamil Nadu a leader in Financial Technology.

34. In which year the commissionerate for e-Governance was created?

- a) 1996
- b) 2006**
- c) 2002
- d) 2016

Explanation

The Commissionerate of e-Governance was created in 2006 to lead all e-Governance initiatives of Government of Tamil Nadu.

35. TNeGA is registered under_____

- a) Tamil Nadu Societies Registration Act, 1965
- b) Tamil Nadu Societies Registration Act, 1975**
- c) Tamil Nadu Societies Registration Act, 2005
- d) Tamil Nadu Societies Registration Act, 2015

Explanation

Tamil Nadu e-Governance Agency (TNeGA) was created as an autonomous Society registered under the Tamil Nadu Societies Registration Act, 1975 to align and implement the National e-Governance Plan.

36. Centre of Excellence in Emerging Technologies (CEET) was announced in_____

- a) March 2019
- b) January 2019**
- c) May 2019
- d) April 2019

Explanation

The Hon'ble Chief Minister in his reply to the Governor's Address in January 2019 announced the creation of a Centre of Excellence in Emerging Technologies in TNeGA.

37. Which among the following is the function of CEET?

- a) Act as a catalyst for diffusion of innovation into the targeted Departments**
- b) To boost up innovation technologies
- c) To install CCTV in all Government offices
- d) None

Explanation

CEET is envisaged to act as a catalyst for diffusion of innovation into the targeted Departments.

38. Under which of the following SeMT is a capacity building initiative?

- a) NeGP
- b) NIC
- c) NEET
- d) NeMT

Explanation

State e-Mission Team (SeMT) is one of the capacity building initiatives under the National e-Governance Plan (NeGP) of the Ministry of Electronics & Information Technology (MeitY), Government of India, to provide e-Governance expertise to State Governments.

39. Which of the following is true about SeMT?

- 1) SeMT is funded by MeitY
- 2) SeMT is functioning under TNeGA.
 - a) 1 alone
 - b) 2 alone
 - c) **Both 1 and 2**
 - d) None

Explanation

State e-Mission Team (SeMT) is funded by MeitY and is functioning under TNeGA. The SeMT is a core group of IT Consultants specialized in the areas of Programme Management, Technology Management, Financial Management and Change Management.

40. The head of the District e-Governance Societies is_____

- a) **District Collector**
- b) Minister of the District
- c) Chief Minister
- d) Governor

Explanation

District e-Governance Societies have been constituted in all Districts. This Society is headed by the District Collector.

41. Who is the head is the head of District e-Governance Societies in Chennai?

- a) District Collector
- b) Governor
- c) **Commissioner**
- d) Mayor

Explanation

District e-Governance Societies is headed by the District Collector, except in Chennai, where the Commissioner, Greater Chennai Corporation acts as the Head.

42. Which of the following has to standardize and implement e-Governance projects in an integrated and secured IT environment?

- a) **Information Technology Cadre**
- b) TNeGA
- c) ELCOT
- d) None

Explanation

Information Technology (IT) Cadre has become essential to guide, standardize and implement e-Governance projects in an integrated and secured IT environment. Accordingly, an IT Cadre of Assistant System Analyst / Assistant System Engineer, System Analyst / System Engineer, Senior System Analyst/Senior System Engineer has been formed with 98 posts.

43. Which of the following is deployed for making attendance under e-Attendance?

- a) **Facial recognition**
- b) RF ID-chip based Cards
- c) Both a and b
- d) None

Explanation

AI based facial recognition technology has been deployed for marking employee attendance under e- Attendance.

44. which of the following will developed for centralized software repository tool in Govt. department?

- a) **e-Repository**
- b) e-Monitoring
- c) ELCOT
- d) TNeGA

Explanation

e-Repository software will be developed for the use of Government departments as a centralized software repository tool.

45. As a part of continuing technological innovation programme, the TNeGA has entered into agreements with_____ academic institution

- a) **IIM, Tiruchirappalli**
- b) Virginia Tech University
- c) Pontaq-UK India Innovation Fund
- d) All the above

Explanation

As a part of continuing technological innovation programme, the TNeGA has entered into agreements with various eminent academic and non-academic institutions. The following MoUs have been signed. MoU between TNeGA and IIM, Tiruchirappalli, MoU between TNeGA and Virginia Tech University, MoU between TNeGA and Pontaq-UK India Innovation Fund.

46. Which of the following will support TNeGA in research and solution finding in Agriculture?

- a) **Virginia Tech University of USA**
- b) Pontaq – UK India Innovation
- c) IIM, Tiruchirapalli
- d) All the above

Explanation

Virginia Tech University of USA will support TNeGA in research and solution finding mainly in the areas of agriculture and drones.

47. Which of the following will assist promising start-ups working on the problems identified by TNeGA?

- a) Virginia Tech University of USA
- b) **Pontaq – UK India Innovation Fund**
- c) IIM, Tiruchirapalli
- d) All the above

Explanation

Pontaq – UK India Innovation Fund will assist promising start-ups working on the problems identified by TNeGA, and in rolling out solutions for other Government Departments.

48. Which of the following will assist impact assessment of various departments' interventions using advanced data analytics?

- a) **IIM, Tiruchirapalli**
- b) Virginia Tech University of USA
- c) Pontaq – UK India Innovation Fund
- d) All the above

Explanation

The IIM, Tiruchirapalli will support TNeGA on impact assessment of various departments' interventions using advanced data analytics.

49. e-Media (Namadhu Arasu) Scheme was announced by_____

- a) Governor
- b) Chief Minister
- c) **Minister of Information technology**
- d) None

Explanation

Hon'ble Minister for information Technology announced Namadhu Arasu Scheme during the Assembly session 2017-18.

50. Which of the following is the aim of Namadhu Arasu?

- a) **promote active online dissemination of information to Citizens regarding Governance**
- b) To increase the number of active internet users
- c) In establish E-Aadhar centres
- d) All the above

Explanation

Namadhu Arasu aims to promote active online dissemination of information to Citizens regarding Governance. The citizen-centric platform empowers people to connect with the Government & contribute towards good governance.

51. Which of the following agencies running Arasu e-Sevai?

- a) PACCS
- b) TACTV
- c) VPRC
- d) **All the above**

Explanation

The Arasu e-Sevai Centres are run by agencies like Primary Agricultural Co-operative Societies (PACCS), Village Poverty Reduction Committee (VPRC), Tamil Nadu Arasu Cable TV Corporation Ltd.

(TACTV), TACTV Franchise, International Fund for Agriculture Development (IFAD) and Village Level Entrepreneurs (VLEs).

52. Which of the following services offered through Arasu e-Sevai Centres?

- a) Income Certificate
- b) Nativity Certificate
- c) Deserted Woman Certificate
- d) **All the above**

Explanation

List of services offered through Arasu e-Sevai Centres Revenue and Disaster Management Department (No. of services - 34) Income Certificate Nativity Certificate Residence Certificate Community Certificate First Graduate Certificate Deserted Woman Certificate Family Migration Certificate Unemployment Certificate Widow Certificate Agricultural Income Certificate Certificate for Loss of educational records due to disasters No Male Child Certificate Unmarried Certificate, etc.

53. Who among the following as appointed as Registrar for Aadhaar enrolment?

- a) TNeGA
- b) ELCOT
- c) SEZ
- d) **All the above**

Explanation

The Directorate of e-Governance (DeG)/ Tamil Nadu e-Governance Agency (TNeGA) was appointed as Registrar for Aadhaar enrolment.

54. Which of the following agencies under TNeGA appointed to operate the PECs in Tamil

Nadu?

- 1) TACTV
 - 2) ELCOT
- a) 1 alone
 - b) 2 alone
 - c) **Both 1 and 2**
 - d) None

Explanation

Tamil Nadu Arasu Cable TV Corporation Ltd. (TACTV) and Electronics Corporation of Tamil Nadu (ELCOT) were appointed as Enrolment Agencies under TNeGA by UIDAI to operate the PECs in Tamil Nadu.

55. The Permanent Enrolment Centres are located in_____

- 1) District Collectorates
- 2) Municipal Corporation HQ
- 3) Municipal Zonal Offices and Municipalities
 - a) 1, 2, 3
 - b) 1, 2
 - c) 2, 3
 - d) 1, 3

Explanation

PECs are located in District Collectorates, Municipal Corporation HQs, Municipal Zonal Offices and Municipalities across the State of Tamil Nadu for Aadhaar Enrolment.

56. For Aadhaar Enrolment and Mandatory Bio-metric updation, the services are offered to the residents_____

- a) 50/ person
- b) 100/ person
- c) Free of cost
- d) 150/ person

Explanation

The Aadhaar Enrolment and Mandatory Bio-metric updation was done offline from 03.10.2016 onwards and State Population Register (SPR) Online Software from 07.11.2016 onwards. The services are offered to the residents free of cost.

57. Which of the following is the single source of resident data for Tamil Nadu?

- a) SFDB
- b) TNeGA
- c) ELCOT
- d) None

Explanation

Accordingly, TNeGA has taken up the work. SFDB will be the single source of resident data for Tamil Nadu.

58. Which of the following statement is incorrect?

- 1) SFDB will be maintained in a digitized, centralized and secured manner for the purpose of seamless beneficiary identification
- 2) SFDB will be the single source of resident data for Tamil Nadu
 - a) 1 alone
 - b) 2 alone
 - c) Both 1 and 2
 - d) **None**

Explanation

Accordingly, TNeGA has taken up the work. SFDB will be the single source of resident data for Tamil Nadu. SFDB will be maintained in a digitized, centralized and secured manner for the purpose of seamless beneficiary identification to disburse benefits provided by different welfare schemes to eligible Citizens.

59. Which of the following is correct regarding Know Your Government?

- 1) KYG will provide a single window access to information and services being provided by the Government
- 2) Know Your Government will be an AI and mobile app-based service
 - a) **1, 2**
 - b) 1 alone
 - c) 2 alone
 - d) None

Explanation

KYG will provide a single window access to information and services being provided by the Government of Tamil Nadu to Citizens and other stakeholders. This will be an AI and mobile app-based service.

60. Which of the following enables departments to send approved documents via SMS?

- a) KYG
- b) **Tiny URL Service**
- c) SFDB
- d) All the above

Explanation

Tiny URL enables departments to send approved documents via SMS, to help Citizens to download approved certificates 'anytime, anywhere'. So far, 83,08,842 persons have benefited.

61. The full form of S3WaaS_____

- a) **Secure, Scalable and Sugamya Website as a service**

- b) Secure, Social and Sugamya Website as a service
- c) Secure, Scalable and Social Website as a service
- d) Secure, Scalable and Safety Website as a service

Explanation

All 32 District websites of Tamil Nadu were revamped using the S3WaaS (Secure, Scalable and Sugamya Website as a service) framework to make them responsive, accessible and adhere to Guidelines for Indian Government Websites (GIGW) and Security guidelines.

62. S3WaaS is a website generating and deployment product hosted on_____

- a) NIC
- b) GIGW
- c) ELCOT
- d) TNeGA

Explanation

Secure, Scalable and Sugamya Website as a Service (S3WaaS) is a website generating and deployment product hosted on the National Cloud of National Informatics Centre (NIC).

63. _____ will be the base for creating the State Family Database (SFDB)

- a) **Makkal Number**
- b) ELCOT
- c) TNeGA
- d) All the above

Explanation

TNeGA has created a Makkal Portal in which for each resident of Tamil Nadu an unique number has been created called "Makkal Number". This Number will be the base for creating the State Family Database (SFDB) announced by the Hon'ble Chief Minister during his reply to the Governor's Address in January 2019.

64. The Full form of TNGIS is_____

- a) **Tamil Nadu Geographical Information System**
- b) Telangana Geographical Information System
- c) Tamil Nadu Gential Information System
- d) Tamil Nadu Government Information System

Explanation

Tamil Nadu Geographical Information System (TNGIS) refers to a system where geographic information is stored in layers and integrated with geographic software programs so that spatial

information can be created, stored, manipulated, analyzed, and visualized as a map and present the results of all these operations for policy decisions.

65. Which of following approved vendors of TNeGA, engaged for carrying out the security audit of Government Websites/Applications?

- a) CERT-IN
- b) TCS
- c) WIPRO
- d) Vernalis

Explanation

To protect sensitive information and critical data of organizations from unauthorized users, hackers, malicious web application, IT security audit of the websites and Applications is being done by TNeGA for which a sum of Rs. 1.76 Crore have been sanctioned. CERT-IN approved empanelled vendors of TNeGA are engaged for carrying out the security audit of the Government Websites/Applications.

66. Which of the following will be made available at selected villages under Amma e-Gramam?

- 1) Tele-medicine
 - 2) tele-education
 - 3) Wi-Fi hotspot
- a) 1, 2
 - b) 1, 2, 3
 - c) 2, 3
 - d) 1, 3

Explanation

The Hon'ble Chief Minister had announced the scheme "Amma e-Gramam" on the floor of the Tamil Nadu Legislative Assembly under the rule 110 of the Tamil Nadu Legislative Assembly rules. Tele-medicine, tele-education, LED lighting, Wi-Fi hotspot, Skill Development, Digital Knowledge Centre and Common Service Centres will be made available at the selected villages.

67. How many villages have been benefited under phase I of Amma e-Gramam?

- a) 20
- b) 39
- c) 6
- d) 10

Explanation

This Project will be executed through Corporate Social Responsibility funds of public and private companies. Till date, Rs.1.62 crore has been received. In Phase-I this scheme will be implemented in 6 villages.

68. Which of the following is conducted to enable officers at the helm of affairs, to listen to a thought leader in the Technology Domain?

- a) G-IT
- b) EAAS
- c) TNEA
- d) e-Office

Explanation

G-IT (Group for IT) Forum is a monthly forum conducted at the Secretariat to enable officers at the helm of affairs, to listen to a thought leader in the Technology Domain.

69. Which of the following in Tamil Nadu is used to fill vacancies in a shorter span of time?

- a) EAAS
- b) G-IT
- c) TNEA
- d) All the above

Explanation

Online Exam as a Service (EAAS) can be utilized by various Government departments to fill their vacancies in a shorter span of time and in a secured manner. It includes Pre-examination, Examination and Post examination activities. TNeGA has selected M/s.NSEIT Limited (National Stock Exchange Information Technology Limited) as the System Implementation Partner.

70. The proposal for higher education online counselling is proposed under_____

- a) DOTE
- b) ELCOT
- c) NIC
- d) None

Explanation

The Higher Education Department proposed to conduct an Online counselling for candidates opting for studies offered by institutions functioning under Directorate of Technical Education (DOTE).

71. _____ is a tool of applications for conducting office procedures electronically

- a) e-Office
- b) e-Adangal Web application
- c) G-IT
- d) None

Explanation

e-Office is a tool of applications for conducting office procedures electronically. The e-Office would enable the Electronic File Management System for speedy disposals of files.

72. Which of the following are the benefits of e-Office?

- 1) better utilization of manpower
 - 2) avoiding delays
 - 3) leading to better governance
- a) 1, 2
 - b) 1, 3
 - c) 1, 2, 3
 - d) 2, 3

Explanation

The workflow management through e-Office helps in creation, movement, monitoring and approval of files electronically resulting in better utilization of manpower, thereby avoiding delays, leading to better governance.

73. Who among the following maintains the Adangal?

- a) Collector
- b) VAO
- c) Revenue Inspector
- d) All the above

Explanation

Adangal is considered as an important base Revenue Department document for arriving at the agricultural production at village / taluk / district and State level. It is village account No.2 that is maintained by the Village Administrative Officer (VAO). TNeGA has developed the web version of the "Adangal".

74. Which of the following is incorrect regarding e-Adangal?

- 1) Tamil Nadu e-Governance Agency has developed the mobile application for Adangal.
 - 2) The entire gamut of life cycle of e-Adangal services are provided through the mobile App for ease of use for both farmers and officials
- a) 1, 2

- b) 1 alone
- c) 2 alone
- d) **None**

Explanation

Tamil Nadu e-Governance Agency has developed the mobile application for Adangal. This was launched on 05.03.2019. The entire gamut of life cycle of e-Adangal services are provided through the mobile App for ease of use for both farmers and officials.

75. Which of the following statement is correct?

- 1) Digital India Awards by Ministry of Electronics and Information Technology (MeitY) to promote exemplary initiatives in e-Governance
 - 2) Websites and Portals with enhanced accessibility to meet citizen's expectation at various levels has been given "Web Ratna" under various categories.
- a) **1, 2**
 - b) 1 alone
 - c) 2 alone
 - d) None

Explanation

Digital India Awards have been instituted by Ministry of Electronics and Information Technology (MeitY) to promote exemplary initiatives in e-Governance using the medium of World Wide Web. Websites and Portals with enhanced accessibility to meet citizen's expectation at various levels has been given "Web Ratna" under various categories.

76. Arasu Cable TV Corporation Limited, was incorporated under_____

- a) **Companies Act, 1956**
- b) Tamil Nadu Societies Registration Act, 1975
- c) Tamil Nadu Societies Registration Act, 1956
- d) Companies Act, 1965

Explanation

Arasu Cable TV Corporation Limited, was incorporated on 04.10.2007, as a Company under the Companies Act, 1956. Before the advent of the Corporation, the market was dominated by a few private Multi System Operators (MSO), who were charging exorbitant subscriptions from the public.

77. Which of the following is the vision of TAMIL NADU ARASU CABLE TV

CORPORATION LIMITED?

- 1) Internet services
- 2) Cable TV
- 3) e-sevai
 - a) 1, 2
 - b) 1, 3
 - c) 1, 2, 3
 - d) 2, 3

Explanation

The Vision of TAMIL NADU ARASU CABLE TV CORPORATION LIMITED is to provide high quality Cable TV, e-sevai and Internet services to the public at an affordable cost using the latest and emerging Technologies.

78. The Cable TV to public is provided through_____

- a) Corporate sector
- b) Public sector
- c) **Local Cable TV Operators**
- d) None

Explanation

In May 2011, the Hon'ble Chief Minister of Tamil Nadu revamped Arasu Cable TV Corporation to fulfil her commitment to provide livelihood to Local Cable TV Operators (LCOs) and also high-quality Cable TV service to the public. The Corporation was renamed as the "Tamil Nadu Arasu Cable TV Corporation Limited" (TACTV).

79. Which of the following provides regulations for distribution of digital cable TV services?

- a) BSNL
- b) Tamil Net
- c) **TRAI**
- d) All the above

Explanation

To reach out to the maximum customer base under the regulations of Telecom Regulatory Authority of India (TRAI) for distribution of digital cable TV services.

80. Head Ends for providing Cable TV Services were established by TACTV at_____ places

- a) 10
- b) 9
- c) **5**
- d) 2

Explanation

Head Ends for providing Cable TV Services were established by TACTV at five places i.e Chennai, Coimbatore, Tanjore, Tirunelveli and Vellore.

81. Which of the following statement is incorrect?

- 1) Head Ends for providing Cable TV Services were established by TACTV at ten places
- 2) Control Rooms were taken on lease from the District COs/Taluk Cos
 - a) 1, 2
 - b) 2 alone
 - c) **1 alone**
 - d) None

Explanation

Head Ends for providing Cable TV Services were established by TACTV at five places i.e Chennai, Coimbatore, Thanjavur, Tirunelveli and Vellore. In addition, Control Rooms were taken on lease from the District COs/Taluk COs in another 77 places to provide Analog Cable TV services of the Corporation throughout Tamil Nadu from 02.09.2011 and from 20.10.2012 in Chennai city.

82. In which year of GOI has mandated the Cable TV operations have to be digitalized?

- a) 2019
- b) **2017**
- c) 2014
- d) 2004

Explanation

The Ministry of Information & Broadcasting, Government of India has mandated that the Cable TV operations have to be digitalized in four phases all over the Country, with the last phase deadline stipulated as 31.3.2017

83. Under the new Tariff order, the ratio of share between TACTV and LCO is_____

- a) **55:45**
- b) 45:55
- c) 65:35
- d) 35:65

Explanation

Under the new Tariff order, TRAI has recommended a revenue sharing between TACTV and LCO in the ratio of 55:45 of NCF. However, considering the livelihood of the LCOs, 65% of NCF is given to them.

84. Which of the following organisation is engaged in printing and issuing of ID cards for government department staffs?

- a) **TACTV**
- b) ELCOT
- c) NIC
- d) E-Sevai

Explanation

Certain Departments and Undertakings of the Government of Tamil Nadu also have contacted TACTV for printing of ID Cards for their staff through Arasu e-Sevai Centres.

85. How many applicants were given user Id and password to provide Government services through their Centres?

- a) 1000
- b) **500**
- c) 100
- d) 10

Explanation

In order to expand the reach of Arasu e-Sevai Centres, TACTV floated an Expression of Interest (EoI) on 13.01.2018 to empanel interested private internet browsing centres to act as Arasu e-Sevai Centres on a revenue Sharing model. Accordingly, 500 applicants were given user Id and password to provide Government services through their Centres.

86. In which of the following city Mobile Aadhaar Enrolment Unit is functioning?

- a) **Chennai**
- b) Coimbatore
- c) Trichy
- d) Madurai

Explanation

one "Mobile Aadhaar Enrolment Unit" is functioning within the limits of the Greater Chennai Corporation to enable the Persons with Disability for Aadhaar enrolment.

87. Which of the following class rank was given to TACTV internet service?

- a) Class A
- b) **Class B**
- c) Class C

d) None

Explanation

TACTV obtained Internet Service Provider (ISP) License (Class B) from the Department of Telecommunications, Ministry of Communication and Information Technology on 14.09.2015.

88. The full form of TANFINET is_____

- a) **Tamil Nadu Fiber Net Corporation Limited**
- b) Tamil Nadu Fishing Net Corporation Limited
- c) Tamil Nadu Fishing and Navigation Corporation Limited
- d) None

Explanation

Tamil Nadu FiberNet Corporation Limited (TANFINET) implements BharatNet and TamilNet Projects across the State, TACTV will increase the revenue and subscriber base and compete with the major ISPs.

89. In which year TVU was established?

- a) 2013
- b) 2008
- c) **2000**
- d) 2018

Explanation

Tamil Virtual University (TVU) was established by the Government of Tamil Nadu on 18th May 2000 under the Tamil Nadu Cooperative Societies Act, 1983 and is functioning under the administrative control of the Information Technology Department. The TVU was renamed as Tamil Virtual Academy (TVA) with effect from 16th July 2010.

90. Which of the following are provided by TVA?

- 1) Diploma & Degree courses in Tamil
 - 2) Diploma in Tamil Computing
- a) **1, 2**
 - b) 1 alone
 - c) 2 alone
 - d) None

Explanation

TVA offers academic programmes like Certificate, Diploma & Degree courses in Tamil and also Diploma in Tamil Computing.

91. Which among the following are forms of primary course lessons in TVA?

- a) audio-visual in nature
- b) picture stories
- c) poems and songs.
- d) **All the above**

Explanation

Primary course lessons are audio-visual in nature and are designed with pictures, sceneries, picture stories, poems and songs.

92. The Grade 1 of TVA is equivalent to_____

- a) classes 4 & 5
- b) **classes 7 & 8**
- c) classes 9 & 10
- d) classes 11 & 12

Explanation

Higher Certificate Course is offered at three levels as below:

- Grade 1 (equivalent to classes 7 & 8)
- Grade 2 (equivalent to classes 9 & 10)
- Grade 3 (equivalent to classes 11 & 12)

93. The Tamil Nadu FibreNet Corporation Limited (TANFINET) is created under_____

- a) Companies Act, 2014
- b) Companies Act, 2019
- c) **Companies Act, 2013**
- d) Companies Act, 1956

Explanation

Tamil Nadu FibreNet Corporation Limited (TANFINET) is a Public sector undertaking of the State Government incorporated on 08.06.2018 under the Companies Act, 2013.

94. which of the following envisages connecting all Village Panchayats of the country with

high speed bandwidth?

- a) **Bharat Net**
- b) Tamil Net
- c) TRAI

d) JIO net

Explanation

Bharat Net, a project of the Government of India, envisages connecting all Village Panchayats of the country with high speed bandwidth using Optical Fibre Cable (OFC).

95. Under TANFINET the minimum scalable bandwidth is_____

- a) 1 Gbps
- b) 30 Mbps
- c) 10 Gbps
- d) 15 Gbps

Explanation

Under TANFINET project, all 12,524 Village Panchayats of the State will be provided with a minimum scalable bandwidth of 1 Gbps.

96. Who among the following was the chairman of State Level Implementation Committee?

- a) Chief Minister
- b) Governor
- c) **Chief Secretary**
- d) None

Explanation

State Level Implementation Committee (SLIC) was formed under the Chairmanship of Chief Secretary to Government of Tamil Nadu with members from Universal Services Obligation Fund (USOF) and Bharat Broadband Network Limited (BBNL), to overview the BharatNet Phase II Project in Tamil Nadu.

97. The full form of IDI is_____

- a) Integrated Development Infrastructure
- b) **Integrated Digital Infrastructure**
- c) Integrated Digital Information
- d) None

Explanation

Integrated Digital Infrastructure (IDI) is a comprehensive state-of-the-art network across Tamil Nadu to be built by integrating Bharat Net and Tamil Net.

98. Which among the following are the mission of ICT ACADEMY OF TAMIL NADU?

- 1) To collaborate with public and private organizations
- 2) To create, integrate and disseminate knowledge in the field of ICT to bridge the gap between academic output and industry
 - a) 1, 2
 - b) 1 alone
 - c) 2 alone
 - d) None

Explanation

To collaborate with public and private organizations, to create, integrate and disseminate knowledge in the field of ICT to bridge the gap between academic output and industry requirements thus providing every learner an equal opportunity to become industry ready.

99. ICT act as an Assessment and Certification Body for_____

- a) **Pradhan Mantri Gramin Digital Saksharta Abhiyaan**
- b) Pradhan Mantri Fasal Bima Abhiyaan
- c) Pradhan Mantri suroksihiya Abhiyaan
- d) Pradhan Mantri Jan Arogya Yoajana

Explanation

ICT act as an Assessment and Certification Body for Pradhan Mantri Gramin Digital Saksharta Abhiyaan (PMGDISHA), a scheme of Government of India has assessed and certified 7,66,772 candidates in 2018-19.

100. The Employability Skill Training for 80 Students in Social Welfare Homes comes under which department?

- a) **Department of Social Welfare and Nutritious Meal Program, Government of Tamil Nadu**
- b) Tamil Nadu Skill Development Corporation, Government of Tamil Nadu
- c) Tamil Nadu Adi Dravidar Housing and Development Corporation Limited, Government of Tamil Nadu
- d) Small Industries Development Bank of India, Govt. Of India

Explanation

Employability Skill Training for 80 Students in Social Welfare Homes - Department of Social Welfare and Nutritious Meal Program, Government of Tamil Nadu

Advanced IT/ITES training provided to 700 college students - Tamil Nadu Skill Development Corporation, Government of Tamil Nadu

Employability Skill Training Program for 90 college students- Tamil Nadu Adi Dravidar Housing and Development Corporation Limited, Government of Tamil Nadu

Entrepreneurship Development training provided for 500 college students -Small Industries Development Bank of India, Govt. Of India.

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