

## **ANNEXURE – I (PART-I)**

**SYLLABUS – (1) GENERAL ENGLISH – GRAMMAR**

(2) பொதுத் தமிழ் (கொள்குறிவகைத் தேர்விற்கு) – இலக்கணம்

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### **(1) GENERAL ENGLISH – GRAMMAR**

1. Match the following words and Phrases given in Column A with their meanings in Column B.
2. Choose the correct 'Synonyms' for the underlined word from the options given
3. Choose the correct 'Antonyms' for the underlined word from the options given
4. Select the correct word (Prefix, Suffix)
5. Fill in the blanks with suitable Article
6. Fill in the blanks with suitable Preposition
7. Select the correct Question Tag
8. Select the correct Tense
9. Select the correct Voice
10. Fill in the blanks (Infinitive, Gerund, and Participle)
11. Identify the sentence pattern of the following sentence (Subject, Verb, and Object.)Blanks with correct 'Homophones'
12. Find out the Error (Articles, Prepositions, Noun, Verb, Adjective, and Adverb)
13. Comprehension
14. Select the correct sentence
15. Find out the odd words (Verb, Noun, Adjective, and Adverb)
16. Select the correct Plural forms
17. Identify the sentence (Simple, Compound, Complex Sentence)
18. Identify the correct Degree.
19. Form a new word by blending the words.
20. Form compound words (Eg: Noun+Verb, Gerund+Noun)

## (2) பொதுத் தமிழ் (கொள்குறிவகைத் தேர்விற்கு) – இலக்கணம்

1. பொருத்துதல் – (i) பொருத்தமானபொருளைத் தேர்வுசெய்தல் (ii) புகழ்பெற்ற நூல், நூலாசிரியர்.
2. தொடரும் தொடர்பும் அறிதல் (i) இத்தொடரால் குறிக்கப்பெறும் சான்றோர் (ii) அடைமொழியால் குறிக்கப்பெறும் நூல்
3. பிரித்தெழுதுக
4. எதிர்ச்சொல்லை எடுத்தெழுதுதல்
5. பொருந்தாச் சொல்லைக் கண்டறிதல்
6. பிழைதிருத்தம் (i) சந்திப்பிழையை நீக்குதல்(ii) ஒருமை பன்மை / பிழைகளை நீக்குதல் மரபுப் பிழைகள், வழுவச் சொற்களை நீக்குதல் / பிறமொழிச் சொற்களை நீக்குதல்
7. ஆங்கிலச் சொல்லுக்குநேரானதமிழ்ச் சொல்லை அறிதல்
8. ஒலிவேறுபாடறிந்து சரியானபொருளையறிதல்
9. ஒரெழுத்துஒருமொழிஉரியபொருளைக் கண்டறிதல்
10. வேர்ச்சொல்லைத் தேர்வுசெய்தல்
11. வேர்ச்சொல்லைக் கொடுத்து/ வினையெச்சம், வினையாலனையும் பெயர், தொழிற் பெயரை/ உருவாக்கல்
12. அகரவரிசைப்படி சொற்களைச் சீர் செய்தல்
13. சொற்களை ஒழுங்குபடுத்தி சொற்றொடராக்குதல்
14. பெயர்ச்சொல்லின் வகையறிதல்
15. இலக்கணக் குறிப்பறிதல்
16. விடைக்கேற்ற வினாவைத் தேர்ந்தெடுத்தல்
17. எவ்வகைவாக்கியம் எனக் கண்டெழுதுதல்
18. தன்வினை, பிறவினை, செய்வினை, செய்ப்பாட்டுவினைவாக்கியங்களைக் கண்டெழுதுதல்
19. உவமையால் விளக்கப்பெறும் பொருத்தமானபொருளைத் தேர்ந்தெழுதுதல்
20. எதுகை, மோனை, இயைபு இவற்றுள் ஏதேனும் ஒன்றைத் தேர்ந்தெழுதுதல்.

## **Annexure – I (PART-II)**

### **APTITUDE & MENTAL ABILITY TESTS**

Conversion of information to data - Collection, compilation and presentation of data - Tables, graphs, diagrams - Parametric representation of data-Analytical interpretation of data - Simplification – Percentage - Highest Common Factor (HCF) - Lowest Common Multiple (LCM) - Ratio and Proportion - Simple interest - Compound interest - Area-Volume - Time and Work - Behavioral ability - Basic terms, Communications in information technology - Application of Information and Communication Technology (ICT) - Decision making and problem solving.

Logical Reasoning - Puzzles – Dice - Visual Reasoning - Alpha numeric Reasoning - Number Series - Logical Number/Alphabetical/Diagrammatic Sequences.

## **Annexure – I (PART-III)**

### **Syllabus for the post of Assessor**

#### **General Studies**

#### **Degree Standard – Arts, Science & Commerce**

#### **Unit-I : General Science:**

**Physics** - Universe-General Scientific laws-Scientific instruments-Inventions and discoveries-National scientific laboratories-Science glossary-Mechanics and properties of matter-Physical quantities, standards and units-Force, motion and energy-electricity and Magnetism -Heat, light and sound-Atomic and nuclear physics.

**Chemistry-** Elements and Compounds-Acids, bases and salts-Oxidation and reduction-Chemistry of ores and metals-Carbon, nitrogen and their compounds-Fertilizers, pesticides, insecticides

**Botany-** Main Concepts of life science-The cell-basic unit of life-Classification of living organism--Nutrition and dietetics-Respiration

**Zoology-** Blood and blood circulation-Endocrine system-Reproductive system-Genetics the science of heredity-Environment, ecology, health and hygiene, Bio- diversity and its conservation-Human diseases, prevention and remedies-Communicable diseases and non-communicable diseases

## **Unit-II : Current Events**

**History-** Latest diary of events – National-National symbols-Profile of States -Eminent persons & places in news-Sports & games-Books & authors -Awards & honours-Latest historical events- India and its neighbours - Appointments-who is who?

**Political Science-** Problems in conduct of public elections- Political parties and political system in India- Public awareness & General administration - Role of Voluntary organizations & Govt.,- Welfare oriented govt. schemes, their utility-

**Geography-** Geographical landmarks-Policy on environment and ecology-

**Economics-** Current socio-economic problems, New economic policy & govt. sector

**Science-** Latest inventions on science & technology Latest discoveries in Health Science Massmedia & communication

## **Unit- III : Geography**

Earth and Universe-Solar system-Atmosphere hydrosphere, lithosphere-Monsoon, rainfall, weather and climate-Water resources -rivers in India-Soil, minerals & natural resources-Natural vegetation-Forest & wildlife-Agricultural pattern, livestock & fisheries-Social geography– population-density and distribution-Natural calamities – disaster management-

## **Unit-IV : History and culture of India**

South Indian history-Culture and Heritage of Tamil people--Advent of European invasion-Expansion and consolidation of British rule-Effect of British rule on socio-economic factors-Social reforms and religious movements-India since independence-Characteristics of Indian culture-Unity in diversity –race, colour, language, custom-India-as secular state-Organizations for fine arts, dance, drama, music-Growth of rationalist, Dravidian movement in TN-Political parties and populist schemes- Prominent personalities in the various spheres – Arts, Science, literature and Philosophy – Mother Teresa, Swami Vivekananda, Pandit Ravishankar, M.S.Subbulakshmi, Rukmani Arundel and J.Krishnamoorthy etc.

## **UNIT-V : INDIAN POLITY**

Constitution of India- Preamble to the constitution- Salient features of constitution- Union, State and territory - Fundamental rights- Fundamental duties- Human rights charter- Union legislature – Parliament- State executive. State Legislature – assembly- Status of Jammu & Kashmir-. Local government – panchayat raj – Tamil Nadu- Judiciary

in India – Rule of law/Due process of law- Indian federalism – center – state relations- Emergency provisions- Elections -Election Commission Union and State- Amendments to constitution- Schedules to constitution-Administrative reforms & tribunals- Corruption in public life- Anti-corruption measures – Central Vigilance Commission, lok-adalats, Ombudsman, Comptroller and Auditor General of India- Right to information - Central and State Commission- Empowerment of women.

### **UNIT-VI : INDIAN ECONOMY**

Nature of Indian economy- Five-year plan models-an assessment-Land reforms & agriculture-Application of science in agriculture-Industrial growth-Role of public sector & disinvestment-Development of infrastructure- National income Rural welfare oriented programmes- Social sector problems – population, education, health, employment, poverty- HRD – sustainable economic growth- Economic trends in Tamil Nadu - Energy Different sources and development-Finance Commission - Planning Commission- National Development Council.

### **UNIT-VII : INDIAN NATIONAL MOVEMENT**

Early uprising against British rule-1857 Revolt - Indian National Congress-Emergence of national leaders - Gandhi, Nehru, Tagore, Netaji-Growth of militant movements -Communalism led to partition-Role of Tamil Nadu in freedom struggle - Rajaji, VOC, Periyar, Bharathiar & Others-Birth of political parties /political system in India since independence.

**Chief Engineer/Personnel**