

GROUP-IV Examination (S.S.L.C. Standard)

Syllabus

General Studies

(Objective type)

150 ITEMS : 225 MARKS

UNIT-I GENERAL SCIENCE :

Physics: Nature of Universe-General Scientific laws-Inventions and discoveries-National scientific laboratories-Mechanics and properties of matter-Physical quantities, standards and units-Force, motion and energy-Magnetism, electricity and electronics -Heat, light and sound Chemistry-Elements and Compounds-Acids, bases and salts-Fertilizers, pesticides, insecticides Botany-Main Concepts of life science-Classification of living organism-Nutrition and dietetics-Respiration Zoology-Blood and blood circulation-Reproductive system-Environment, ecology, health and hygiene-Human diseases including communicable and non – communicable diseases - prevention and remedies-Animals, plants and human life

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 & honors'-India and its neighbors PoliticalScience-1. Problems in conduct of public elections-2. Political parties and political system in India-3. Public awareness & General administration-4. Welfare oriented govt. schemes, their utility Geography--Geographical landmarks- Economics-- Current socio-economic problems Science-Latest inventions on science & technology

UNIT- III. GEOGRAPHY

Earth and Universe-Solar system-Monsoon, rainfall, weather & climate-Water resources --- rivers in India-Soil, minerals & natural resources-Forest & wildlife-Agricultural pattern-Transport including surface transport & communication-Social geography – population-density and distribution-Natural calamities – Disaster Management.

UNIT - IV. HISTORY AND CULTURE OF INDIA AND TAMIL NADU -

Indus valley civilization-Guptas, Delhi Sultans, Mughals and Marathas-Age of Vijayanagaram and the bahmanis-South Indian history-Culture and Heritage of Tamil people-India since independence-Characteristics of Indian culture-Unity in diversity –race, colour, language, custom-India-as secular state Growth of rationalist, Dravidian movement in TN-Political parties and populist schemes

UNIT-V. INDIAN POLITY

Constitution of India--Preamble to the constitution- Salient features of constitution- Union, state and territory- Citizenship-rights amend duties- Fundamental rights- Fundamental duties- Human rights charter- Union legislature – Parliament- State executive- State Legislature – assembly- Local government – panchayat raj – Tamil Nadu- Judiciary in India – Rule of law/Due process of law-Elections- Official language and Schedule-VIII- Corruption in public life- Anti-corruption measures –CVC, lok-adalats, Ombudsman, CAG - Right to information-Empowerment of women- Consumer protection forms

UNIT-VI. INDIAN ECONOMY

Nature of Indian economy- Five-year plan models-an assessment-Land reforms & agriculture-Application of science in agriculture-Industrial growth-Rural welfare oriented programmers-Social sector problems – population, education, health, employment, poverty-Economic trends in Tamil Nadu

UNIT-VI. INDIAN NATIONAL MOVEMENT

National renaissance-Emergence of national leaders-Gandhi, Nehru, Tagore-Different modes of agitations-Role of Tamil Nadu in freedom struggle Rajaji, VOC, periyar, Bharathiar & others-

UNIT-VII. MENTAL ABILITY TESTS

Conversion of information to data-Collection, compilation and presentation of data - Tables, graphs, diagrams -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-Logical Reasoning-Puzzles-Dice-Visual Reasoning-Alpha numeric Reasoning-Number Series.

ghlj;jpl;lk; nghJj; jkpo; (nfhs;Fwptifj; Njh;tpw;F)

v];, v];, vy;, rp, juk;

1. nghUj;Jjy;: 1. nghUj;jkhd nghUisj; Njh;T nra;jy; 2. Gfo;ngw;w E}y;
E}yhrphpah;

2. njhlUk; njhlh;Gk; mwpjy; 1. ,j;njluhy; Fwpf;fg;ngWk; rhd;Nwhh; 2.
milnkhopahy; Fwpf;fngWk; E}y;

3. gphpj;njOJf
4. vjph;nrhy;iy vLj;njOJjy;
5. nghUe;jhr; nrhy;iy fz;lwpjy;
6. gpio jpUj;jk; 1. re;jpg;gpiويا ePf;Fjy; 2. xUik gd;ik/gpiofis ePf;Fjy;
kuGgpiofs;. tOTr; nrhw;fis ePf;Fjy; (iv)gpwnkhopr; nrhw;fis ePf;Fjy;
7. Mq;fpy nrhy;Yf;F Neuhd jkpo;r; nrhy;iy mwpjy;
8. xyp NtWghlwpe;J rhpahd nghUisawpjy;
9. XnuOj;J xUnkhop chpa nghUisf; fz;lwpjy;
10. Nth;r; nrhy;iyj; Njh;T nra;jy;
11. Nth;r; nrhy;iyf; nfhLj;J / tpidKw;W, tpidnar;rk;, tpidahyizAk; ngah;. njhopw; ngaiu / cUthf;fy;
12. mfu thpirg;gb nrhw;fisr; rPh; nra;jy;
13. nrhw;fis xOq;FgLj;jp nrhw;nwhluhf;Fjy;
14. ngah;r;nrhy;ypd; tifawpjy;
15. ,yf;zf; Fwpg;gwpjy;
16. tpilf;Nfw;w tpdhitj; Njh;e;njLj;jy;
17. vt;tif thf;fpak; vdf; fz;nIOJjy;
18. jd;tpid, gpwtpid, nra;tpid, nrag;ghl;L tpid thf;fpaq;fisf; fz;nIOJjy;

19. ctikahy; tpsf;fg;ngWk; nghUj;jkhd nghUisj; Njhe;;njOJjy;

20. Nkhid, vJif, ,iaG ,tw;Ws; VNjDk; xd;iwj; Njh;e;njOJjy;

SYLLABUS -GENERAL ENGLISH
S.S.L.C Standard(Objective Type)

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 banks 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, participle 11. Identify the sentence pattern of the following sentence (subject, Verb, Object...) Blanks with correct ‘Homophones’ 14. Find out the Error (Articles, prepositions, Noun Verb Adjective Adverb) 15. Comprehension 16. Select the correct sentence 17. Find out the odd words (Verb, Noun, Adjective, Adverb) 18. Select the correct Plural forms 19. Identify the sentence (simple, Compound, Complex Sentence 20. Identify the correct Degree.