

TAMILNADU COUNCIL

OPEN AND DISTANCE LEARNING

Council Registered under Govt of Tamilnadu

An ISO 9001:2008 Certified Council

A Council Registered with Planning Commission, Govt of India

CLASS VIII - TAMIL

1. பஸ்துறை அறிவு பெறுதல் (சித்த மருத்துவம், விளையாட்டு, இன்றைய அறிவியல் கண்டுபிடிப்புகள்) புதிய சொற்களின் பொருளறிதல், அகரமுதலியைப் பயன்படுத்த அறிதல் மனித உறவுத் திறன் அறிதல்

இயல் - 1

செய்யுள் : திருக்குறள் , திருவருட்பா

உரைநடை : தமிழர் வானியல்

துணைப்பாடம் : கலீலியோ கலீலி

இலக்கணம் : புணர்ச்சி - இயல்புஇ விகாரம்

மொழித்திறன் பயிற்சி

திருக்குறள் கருத்துகளை மாணாக்கர் உளங்கொளத்தக்க வாழ்வியல் நிகழ்வுகள் - கதைகள் சான்றோர் வாழ்க்கை வரவாறுகள் கூறிக் கற்பித்தல் : உரைநடைப் பாடத்தின் வழிப் புதிய சொற்கள் இனங்காணச் செய்தல் - தொகுக்கச் செய்தல். இயல்பு – விகாரப் புணர்ச்சிக்குரிய எடுத்துக்காட்டுகளைப் பாடநூலிலிருந்து எடுத்துக்காட்டச் செய்தல்

2. மொழி நயம் அறிதல், (உவமைகள் பழமொழிகள்இ மரபுத்தொடர்கள் ஒருசொர் பலபொருள் பலசொல் ஒருபொருள் அறிதல்

இயல் - 2

செய்யுள் : வில்லிபாரதம், முடியரசன் பாடல்

உரைநடை : தேவநேயப் பாவாணர்

துணைப்பாடம் : சிறுகதை

இலக்கணம் : புணர்ச்சி – உயிரீறு, உடம்படுமெய், மெய்யீறு

மொழித்திறன் பயிற்சி

செய்யுட் பகுதியை முறையாகக் கற்பிப்பதோடு, அவற்றுடன் னருத்துத் தொடர்புடைய உவமைகள், பழமொழிகள், மரபுத் தொடர்கள் முதலானவற்றைக் கற்பித்தல், மாணாக்கரைத் தொகுக்கச் செய்வல், உரைநடைவழி ஒருபொருள் காணும் பயிற்சியளித்தல்இ இலக்கணப் பகுதியை முன் பகுதியில் சுட்டிய முறையில் கற்பித்தல் - அவ்வாறே கற்கச் செய்தல்

3. நூறம் பாரட்டுதல், படைப்பாற்றல்

இயல் - 3

செய்யுள் : முத்துக்குமாரசுவாமட பிள்ளைத்தமிழ்

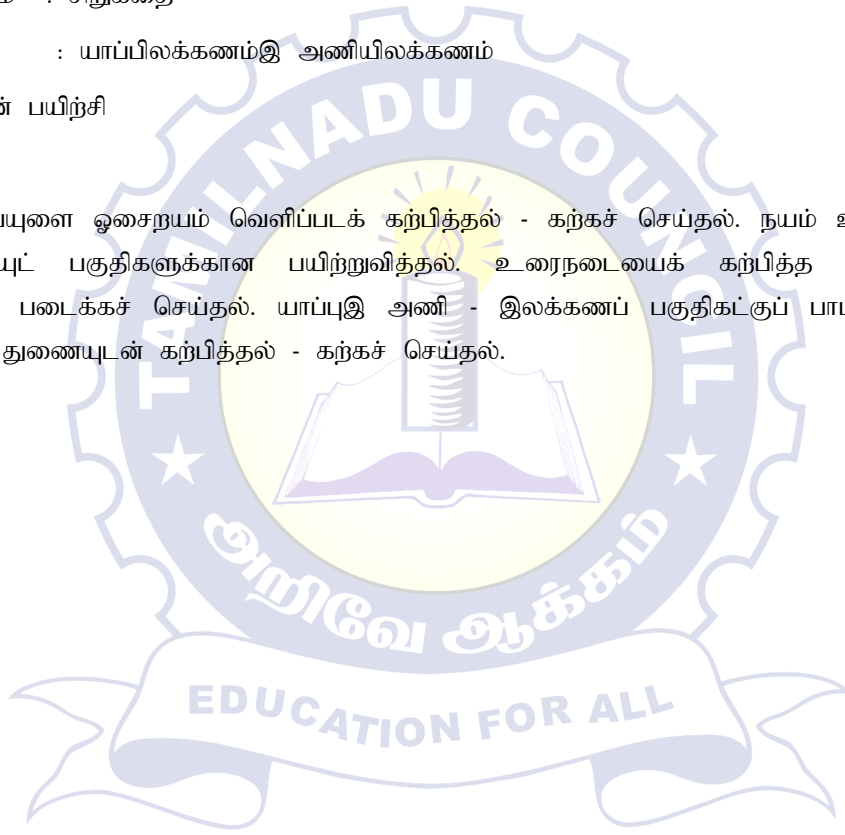
உரைநடை : இலக்கிறத்தில் நழகச்சுவை

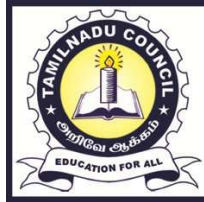
துணைப்பாடம் : சிறுகதை

இலக்கணம் : யாப்பிலக்கணம்இ அணியிலக்கணம்

மொழித்திறன் பயிற்சி

செய்யுளை ஓசையம் வெளிப்படக் கற்பித்தல் - கற்கச் செய்தல். நயம் உணர்த்தல். இதுவரை கற்ற செய்யுட் பகுதிகளுக்கான பயிற்றுவித்தல். உரைநடையைக் கற்பித்த பிறகு நகைச்சுவைத் துணுக்குகள் படைக்கச் செய்தல். யாப்புஇ அணி - இலக்கணப் பகுதிகட்குப் பாடநூலிலுள்ள செய்யுட் பகுதிகளின் துணையுடன் கற்பித்தல் - கற்கச் செய்தல்.





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CLASS VIII - ENGLISH

LISTENING

Competencies

- ✓ Listening to recorded commentary of any sport
- ✓ Listen to selected words, and their stress and inflections
- ✓ Listening to poetry reading and recitation

Content

- ✓ Sports commentaries; passage on a familiar theme
- ✓ Words like conduct & 'conduct; present
- ✓ Poems

Classroom activities and processes

- ✓ Listen as a large group, with pointers and interventions from the teacher, for better understanding
- ✓ Words & passage read out in class focussing on stressed syllables and words
- ✓ Listen to how poems could be read or recited

Learning Outcomes

- ✓ Understands the use of language in commentary
- ✓ Students pronounce accurately and with proper intonation, the words heard
- ✓ Appreciate rhyme, meter, and the special use of words

Evaluation

- ✓ Understand what is happening and are able to recall what they have heard
- ✓ Identify the sounds heard
- ✓ Identify the nuances of sounds & words in poetry

SPEAKING

Competencies

- ✓ Telling Jokes; Puzzles and riddles.
- ✓ Retelling stories they have read
- ✓ Telephonic conversation
- ✓ Participating in Discussions:

Content

- ✓ Jokes, puzzles and riddles
- ✓ Stories
- ✓ Making telephonic conversations
- ✓ Current news Sports
- ✓ Relevant contemporary issues

Classroom activities and processes

- ✓ Students share jokes, puzzles and riddles.
- ✓ Students listen to each other as they narrate stories
- ✓ In small groups, children enact telephonic conversation and apply telephonic etiquette
- ✓ Large group activity with the teacher facilitating speaking and listening

Learning Outcomes

- ✓ Students share jokes, puzzles and riddles in a lively manner and use language appropriately; build interactive skills
- ✓ Rephrases and narrates in with originality
- ✓ Speaks over the telephone using appropriate vocabulary, intonation and register of language
- ✓ Expresses thoughts and views with clarity, cogency and focus
- ✓ Speaks clear complete sentences, and expresses ideas clearly

Evaluation

- ✓ Jokes, puzzles or riddles cited by the learners
- ✓ Rephrasing
- ✓ Learn to speak and express oneself to others
- ✓ Group discussion on various topics

READING

Competencies

- ✓ Reading poetry: appreciating, understanding, relating and responding to various themes
 - a) Reading for content and style
 - b) Understanding sequence,
 - c) Scanning content to find answers to questions in the given passage
 - d) Understanding the author's intention
 - e) Recognising or learning vocabulary in context
 - f) Appreciating style Extensive reading

Content

- ✓ Poems,
- ✓ Stories / passages with moral values, witty and humorous passages, historical, narrative, mystery passages etc.
- ✓ Abridged novels, fiction, books of pupils' choice

Classroom activities and processes

- ✓ Activities related to the poem in content.
- ✓ Read and answer questions based on the poem
- ✓ Read stories and other passages, to understand and appreciate the plot, characters, style and intention
- ✓ Understand and summarise the story in various ways, creating organizers and using the ones given; make connections with life and learning
- ✓ Supplementary reading, Use of the Library, Referencing skills and activities

Learning Outcomes

- ✓ Enjoys reading given poems, appreciates and responds to chosen poems
- ✓ Comprehends selected passages from literature
- ✓ Enjoys the reading process and learn from it, pronounce the words correctly, stress appropriately, passing at the right places with proper intonation
- ✓ Summarises the story, assesses its plot, character and style
- ✓ Reads for interest
- ✓ Reads to deepen knowledge
- ✓ Reads to link and connect additional data

Evaluation

- ✓ SA questions
- ✓ MCQ, Objective type Questions, VSA, SA, LA
- ✓ Questions to build interest
- ✓ Summative Answers addressed questions appropriately with supporting statements

WRITING

Competencies

- ✓ Comprehension
- ✓ Using mind - mapping techniques
- ✓ Using both active and passive vocabulary to make sentences
- ✓ Writing Paragraphs: Topic sentence; unity and structure
- ✓ [Linking small paragraphs]
- ✓ Writing on a given topic: (150 - 200 words) Revision: Writing letters in a given format
- ✓ Writing a summary
- ✓ Creative Writing; Exercising one's imagination in a creative manner
- ✓ Collecting, recording and collating information

Content

- ✓ Answer questions in complete sentences, using proper punctuation
- ✓ Words, phrases, phrasal verbs, etc.,
- ✓ Simple topics, proverbs, etc
- ✓ Eg. 1.Cleanliness is next to Godliness The importance of good manners.
- ✓ Simple topics, proverbs, personal experiences, etc., Topics for letter writing
- ✓ Passages for summarizing
- ✓ Captions for pictures, topics; Writing essays on given topics
- ✓ General topics

Classroom activities and processes

- ✓ Comprehension passage given for written work
- ✓ Exercises and activities that elucidate the required concepts are facilitated through mind-mapping
- ✓ Simple exercises prepared by the teacher

- ✓ Worksheets to understand and practise writing paragraphs
- ✓ Specific essay topics; teaching how to write an essay
- ✓ Revision of the format of formal and informal letter and the register of language
- ✓ Teacher explains the steps involved in writing a summary. Teacher provides a passage. The students make use of the steps and make a summary of the given passage
- ✓ Teacher facilitates understanding of fantasy through reading a story, and having pre and post reading discussion
- ✓ Teacher invites students to collect and present information on various topics or happenings around them – My school, My neighbours, the Library, Hospital, Movies, Music / Dance performances etc..

Learning Outcomes

- ✓ Picks out relevant facts, writes correct and clear answers, to meet the requirement of the questions specified
- ✓ Use vocabulary appropriately
- ✓ Learn to use paragraphs and to write on different topics
- ✓ Write at length on a given topic with organisation and clarity Uses the correct format and appropriate content
- ✓ Writes a summary
- ✓ Writes creatively, evoking powers of the imagination: Writes and illustrates with cogency and fluency
- ✓ Collects, records and collates information on suggested topics

Evaluation

- ✓ VSA and SA questions, Make notes and write the summary in a paragraph
- ✓ Learn and use words correctly
- ✓ Objective type questions :- Expand the given outline into a paragraph , Write a paragraph on the given topic.
- ✓ Complete essay with title, introduction, content and conclusion
 - Write a letter to the forest authorities about the cutting of trees in that area.
 - Write a letter to your friend expressing your disapproval on cutting down the trees in his compound.
- ✓ Write a summary of the given passage in about one third of its length.
- ✓ Free articulation, imagination, expression of ideas
- ✓ Summative
- ✓ Effectively collect, record and collate information on a suggested topic

GRAMMAR

Competencies

- ✓ Identifying the three kinds of sentences
- ✓ Revision of tenses and more about tenses
- ✓ Using Reported
- ✓ Speech
- ✓ Identifying the Active and passive voices
- ✓ Preposition
- ✓ Using the degrees of comparison
- ✓ Grasping the structure and use of question tags

Content

- ✓ Simple, Complex and Compound sentences.
- ✓ Simple present, past and future
- ✓ Progressive and perfect forms of tenses.
- ✓ Statements & Imperatives
- ✓ Transformation of sentences with the progressive and perfect tenses, from one voice into the other
- ✓ How are preposition used
- ✓ Transformation of sentences from one degree into the other
- ✓ Tags attached to words with negative meaning, such as, 'hardly, scarcely, rarely, seldom', etc.,

Classroom activities and processes

- ✓ Worksheets, peer review and exercises
- ✓ Different aspects of USAGES of preposition
- ✓ Various examples from day-to-life classroom situations etc.,
- ✓ Various exercises and classroom activities; practising through dialogues, role-play, etc.,

Learning Outcomes

- ✓ Learns the rules and uses of clauses and phrases, and apply them in writing
- ✓ Meaningfully learns the rules and uses of the Simple, Continuous and Perfect tense in Present, Past and Future time and applies them in writing
- ✓ Uses reported speech correctly
- ✓ Understands the difference between active and passive voice
- ✓ Uses the active and passive voice appropriately
- ✓ Relationship with time
- ✓ Uses the three types of comparison appropriately in sentences.
- ✓ Knows and applies the rules involved in framing question tags.

Evaluation

- ✓ Learn the differences between clauses and phrases
Transformation of Simple sentences into Compound and Compound sentences into Simple. Use the tenses in the appropriate places
- ✓ Objective type questions
- ✓ Use the correct tense form with proper punctuation in reported speech
- ✓ MCQ, VSA
- ✓ Fill up the blanks and other objective type questions
- ✓ Become familiar with the structure recognise errors and rectify them.

VOCABULARY

Competencies

- ✓ Synonyms and antonyms
- ✓ Spelling rules: ing, plurals with s, es, etc. Homophones, homonyms, 'tion' and 'sion' etc
- ✓ Identifying the expansion and use of abbreviations and acronyms.

Content

- ✓ Glossary – other connected words
- ✓ Spellings of mono syllabic, disyllabic and poly syllabic words; spelling of plural nouns, adding plural morphemes – 'es' and 'ies'
- ✓ Common abbreviations – HM, S.S.L.C., PTO, PTA, HSS, NSS, NCC, PIN, etc.,

Classroom activities and processes

- ✓ Using dictionary and thesaurus, exercises
- ✓ Spelling rules – display
- ✓ Word grid, word building, pun, etc
- ✓ Teacher explores some abbreviations and acronyms with the students. Teacher provides a list of abbreviations

Learning Outcomes

- ✓ Learns synonyms of words, their use and parts of speech, etc., Children learn to spell through spelling patterns
- ✓ Uses abbreviations and acronyms

Evaluation

- ✓ Use vocabulary appropriately
- ✓ Summative and Normative
- ✓ Expand the abbreviations and acronyms

LANGUAGE FUNCTIONS

Competencies

- ✓ Expressing ideas clearly
- ✓ Describing / narrating events
- ✓ Reading and interpreting data

Content

- ✓ Debates
- ✓ Personal experience, any interesting situation
- ✓ Graphic organisers, pictures and Tabular data

Classroom activities and processes

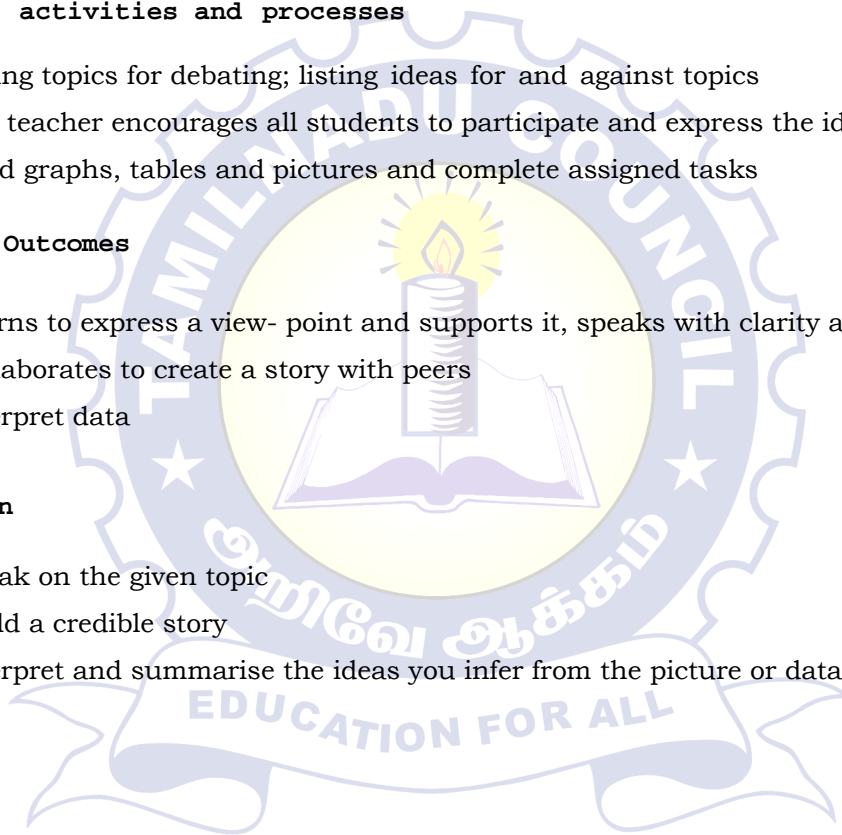
- ✓ Giving topics for debating; listing ideas for and against topics
- ✓ The teacher encourages all students to participate and express the ideas
- ✓ Read graphs, tables and pictures and complete assigned tasks

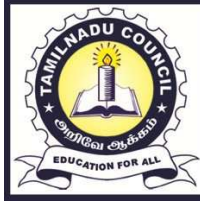
Learning Outcomes

- ✓ Learns to express a view- point and supports it, speaks with clarity and logic
- ✓ Collaborates to create a story with peers
- ✓ Interpret data

Evaluation

- ✓ Speak on the given topic
- ✓ Build a credible story
- ✓ Interpret and summarise the ideas you infer from the picture or data provided





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CLASS VIII - MATHS

TOPIC

I. Life Mathematics

Content

- ✓ Revision : Profit, Loss and simple interest.
- ✓ Application of percentage, profit, loss, overhead expenses, discount and tax.
- ✓ Compound Interest
- ✓ Difference between S.I and C.I
- ✓ Fixed deposits and Recurring deposits
- ✓ Compound variation
- ✓ Time & work problems – Simple and direct word problems

Expected Learning Outcomes

- ✓ To solve slightly advanced problems involving applications of percentages, profit & loss, overhead expenses, discount and tax.
- ✓ Able to derive a formula to find compound interest through patterns and use it in simple problems. (compounded yearly up to 3 years or half-yearly up to 3 steps only).
- ✓ Able to differentiate between simple and compound interest (2 years).
- ✓ To do problems on compound variation
- ✓ To solve Time and Work problems– Simple and direct word problems..

Mode of Transaction

- ✓ To understand the different between profit and loss through life situations.
- ✓ To compare quarterly half yearly, annual interest schemes paid by companies.
- ✓ To collect details of tax, discount sale, etc.
- ✓ Post office RD to understand schemes with different interest rates.
- ✓ To understand factors involved in completing a project like, building, construction etc.
- ✓ Problems from life situations for time and work

II. Geometry

Content

- ✓ Concurrency in Triangle
- ✓ Pythagoras theorem
- ✓ Circles

Expected Learning Outcomes

- ✓ To understand the concurrency of medians, altitudes, angle bisectors and perpendicular bisectors in a triangle.
- ✓ To understand Pythagoras theorem and able to solve problems using it.
- ✓ Able to draw the parts of a circle and identify and compare the relationship between radius and diameter.

Mode of Transaction

- ✓ To show circular objects

III. Data handling

Content

- ✓ To recall formation of frequency table
- ✓ Drawing Histogram and frequency polygon for grouped data
- ✓ Construction of Simple Pie-Chart.
- ✓ Measures of central tendency

Expected Learning Outcomes

- ✓ To recall formation of frequency table.
- ✓ To draw histogram, frequency polygon for grouped data
- ✓ To construct simple Pie-charts for the given data.
- ✓ Able to calculate mean, median and mode for discrete data..

Mode of Transaction

- ✓ Mark sheets, heights, weights and data from newspaper cutting to construct and interpret frequency table.
- ✓ To construct histogram, frequency curve, pie charts from these datas

IV. Practical Geometry

Content

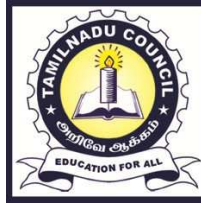
- ✓ Construction of Concentric Circles

Expected Learning Outcomes

- ✓ Able to construct concentric circles.

Mode of Transaction

- ✓ Geometrical instruments
- ✓ Paper folding methods.



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CLASS VIII - SCIENCE

Diversity in Living Organisms

- ✓ Cell as a fundamental unit of life –
- ✓ Type of human cells related to functions.
- ✓ Structure & function of Cell Organelles
- ✓ Cell Organelles and their functions
- ✓ Nucleus
- ✓ Organization - cells – tissues – organs – organ system.
- ✓ Tissues
- ✓ Organs
- ✓ Organ System
- ✓ Homeostasis.
- ✓ Cellular respiration.
- ✓ Metabolism.
- ✓ Design of the body – its beauty structure and function – some examples.

Conservation of Plants and Animals

- ✓ Conservation of forest and wild life
- ✓ Deforestation and afforestation
- ✓ Flora and fauna
- ✓ Endangered species
- ✓ Red data book
- ✓ Migration
- ✓ Wildlife sanctuary and National parks
- ✓ Threats to biodiversity
- ✓ Traditional knowledge & people's initiatives in biodiversity
- ✓ Human wildlife conflicts

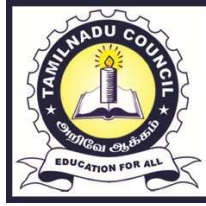
Coal and Petroleum

- ✓ Coal
- ✓ Types of Coal
- ✓ Destructive distillation of coal
- ✓ Petroleum
- ✓ Occurrence of Petroleum
- ✓ Refining of crude petroleum
- ✓ Natural gas
- ✓ Occurrence
- ✓ Natural Resources and limitation
- ✓ Alternative source of energy
- ✓ Science today
- ✓ Hydrogen – future fuel
- ✓ Cold fusion process
- ✓ Methane from sewage

Light and Sound

- ✓ Laws of reflection
- ✓ Regular and irregular reflections
- ✓ Multiple reflections
- ✓ Multiple images
- ✓ Refraction.
- ✓ Total internal reflection
- ✓ Human eye – Image formation
- ✓ Sound
- ✓ Sound needs a medium for propagation
- ✓ Sound produced by human
- ✓ Human ear and Hearing
- ✓ Amplitude, Time period and frequency of vibration
- ✓ Audible and Inaudible sounds.
- ✓ Noise
- ✓ Noise pollution
- ✓ Science today





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CLASS VIII - SOCIAL SCIENCE

HISTORY

Lesson-1

Lord William Bentinck

Reforms-Abolition of Sati, female infanticide, suppression of Thugs-Educational Reforms

Lesson-2

Lord Dalhousie

Doctrine of Lapse-Annexation-Reforms- Introduction of Railways-Estimate

Lesson-3 Revolt of 1857

Causes-Events-Results of the Revolt

Lesson-4

The Nayak Rule in Tamil Country

The Nayaks of Madurai- The Nayaks of Thanjavur -Tamil country under the Nayak rule

Lesson-5

The rule of the Marathas of Tanjore

Maratha rulers -Tamil country under the Marathas-The Poligars Revolt-The South Indian Rebellion

Lesson-6

Vellore Mutiny- 1806

Causes – events – results - causes for the failure – results

GEOGRAPHY

Lesson-1

Tertiary Activity -I

Trade-factors affecting trade-Trading Regions

Lesson-2

Tertiary Activity- II

Transport and Communication- Roadways-Railways-Waterways-
Airways-Pipelines-Communication

Lesson-3 Population

Population growth and distribution-factors
affecting distribution and density of population

Lesson-4

Population and Resource

Water-Food Supply-Minerals-Fuel- Satellite Technology and Resources

CIVICS

Lesson-1

Road Safety Rules and Regulations

Factors leading to accidents-Road rules in India-Traffic Signals- Important road Safety
tips-Road safety week

ECONOMICS

Lesson -1

Money, Savings and Investment

Barter system – Medium of exchange – Definition of money value of money – Nature of
money, Functions of money – Economic significance of money – importance of money
savings and investment