

SECOND TERM EXAMINATION PORTIONS

Std1

**\*English Literature Paper 2\***

Portions

Reader - \*Ria's family\*

\*Ducks on the water\* (by heart first eight lines of the poem)

\*The True Friend\*

\*I Can be a Pal\*

\*Written exam\*

\*Opposites

\*Poem first eight lines of 'Ducks on the Water'

\*Word meanings

\*Polite words

\*Question answers

\*Match the following

\*Choose the correct answer

\*Fill up the missing letters

\*True or false

\*Malayalam\*

\*Written\*

പാഠങ്ങൾ

4,7,16 (൯),27,28,29,30 (൨൮),(൨൧),(൪൧), (൧൪),(൨൦)

\*Oral\*

1.തത്തമ്മേ തത്തമ്മേ(ആദ്യത്തെ

നാല് വരി)

2. പശുവിനെക്കുറിച്ച് അഞ്ചു വാക്യം പറയുക

\*Computer Science\*

Chapter 3 – Parts of a computer

Chapter 4 – Using Computers 'Dos and don'ts'

Chapter 5 – Computer Mouse

\*HINDI\*

\*Written\*

1. क वर्ग ( क ख ग घ ङ )

च वर्ग ( च छ ज झ ञ )

ट वर्ग ( ट ठ ड ढ ण )

त वर्ग ( त थ द ध न )

प वर्ग ( प फ ब भ म )

शब्द और अर्थ –

आम -mango

एक -one

\*Oral\*

2. पाठ पुस्तक से एक शब्द

क से कमल

ख से खरगोश

ग से गमला

घ से घड़ी

च से चम्मच

छ से छतरी

ज से जलेबी

झ से झरना

ट से टमाटर

ठ से ठप्पा

ड से डलिया

ढ से ढक्कन

त से तरबूज

थ से थरमस

द से दरवाज़ा

ध से धनुष

न से नल

प से पतंग

फ से फल

ब से बस

भ से भवन

म से मगरमच्छ

3 पाँच रंगों का नाम

लाल

काला

पीला

नीला

हरा

4 . हमारे विद्यालय का नाम

चिन्मया विद्यालया कुन्नुमपुरम

5. छह से दस तक

छह - 6

सात - 7

आठ - 8

नौ - 9

दस -10

6. पाँच पक्षियों के नाम

कबूतर , कौआ , तोता , मैना , मोर

7 . Poem नल से (page No: 55)

नल से हमको मिलता जल

इसको खुला कभी मत छोडो

जल जीवन है इसे बचाओ

बूंद बूंद से सागर जोडो

\*Mathematics\*

2. Numbers 21-100

4. Subtraction 1 to 9

6. Subtraction 1 to 20

7. Geometry

**\*English Language -Paper I\***

Workbook : Unit 4,5

Grammar:This,that,these,those

Verbs with “ ing “

Verbs- Am, Is ,Are

Verbs- Has, Have

Articles – A, An

Question pattern

Comprehension passage with questions

Fill in the blanks

Identify the pictures and make sentences.

Choose the correct answer

**\*EVS\***

7.My needs-Air

8.Keeping oneself clean, safe and healthy

9.Places in the Neighbourhood

10.Plants

**Std : II**

MATHEMATICS

1. 3- Digit Numbers

2. Multiplication

3. Geometry

4. Measurements

Malayalam

Written Examination

പഠനങ്ങൾ

1.ചെറുപ്പുകുത്തിയുടെ കഥ

2.താൻസിറാണി

3.കുട്ടിയും പ്രാവു

#### 4.എന്റെ കേരളം

Oral Examination

1.കുട്ടിയും പ്രാവു (ആദ്യത്തെ നാല് വരി)

2.ത്യാൻസിറാണിയെപ്പോലെ മാതൃരാജ്യത്തിന് വേണ്ടി ജീവൻ ബലികഴിച്ച ഏതെങ്കിലും ഒരു വ്യക്തിയെക്കുറിച്ച് പറയുക

EVS portions

Chapter 6- Clothing

Chapter 7- Air

Chapter 9 - Places in neighbourhood

Chapter. 10- Plants

Computer Science portions

Chapter 3 - Input and Output devices

Chapter 4 -Keyboard special keys

Chapter 6 - Introduction to Tuxpaint

Hindi

पाठ 6,7,8,9,10,11

शब्द और अर्थ

उत्तर लिखो

गिनती 6-10

Textual exercises

\*Literature in English (paper II)\*

Reader:

Unit 3 A Burger's Story

My Favourite Class is Lunch (poem by-heart first eight lines)

Unit-4 Happy Deepavali (story)

Christmas

CW: Healthy Food Habits

Textual Exercises

\*English Language\*

Adjectives

Comparison of Adjectives

Pronouns

Articles-A, An,The

Verbs

Verbs-Is,am,are,was,were

WB: Unit 3,4

CW: &#39;If I were a Super hero&#39;

### Std III

\*English Language (Paper I)\*

Nouns- Apostrophe ( 's)

Pronouns

Adjectives

Adjective Comparative And Superlative

This, That, These, Those

Articles A, An, The

WB : Unit 3, 4, 5

\*Literature in English Paper-II\*

Reader:

Unit-2

Cookies for Santa(by heart first eight lines)

Unit-3 Simon Says

A View of a Cat

Unit-4 Everything Under the Sun

Unit 5: Uncle Owl

Textual Exercises

Hari Om!

Dear Children,

Second Term Examination Portions

\*Malayalam\*

പാഠങ്ങൾ

5. ഏകനായ് നടന്നു നീ

6.ഒളിമ്പിക്സ് മത്സരങ്ങൾ

8. കേരളസിംഹം

12.എൻ്റെ തോണി ( ആദ്യത്തെ 8 വരി മനഃപാഠം)

\*GS\*

- 5.Plants in the surroundings
- 6.Food we get from plants
- 7.Forms of matter: solids, liquids and gases

Hari Om!

\*Computer Science\*

Chapter 3 - Word processor An Introduction

Chapter 4 -Internet

An Introduction

Hari Om!

Dear children,

\*HINDI\*

पाठ 5 - आ गया है सावन

Poem - पाठ 5

( By heart first 4 lines )

पाठ 7 - खरगोश और हाथी

पाठ - 8 - चिड़िया के बच्चे

पाठ - 10 - आँखमिचौनी

composition अपने प्रिय खेल आँखमिचौनी  
गिनती 21 to 40.

पुस्तक अभ्यास

Second terminal examination portions

\*Mathematics\*

1.Addition and subtraction of money

2.Geometry

3.Multiplication

Second Terminal Exam portions

\*Social Studies\*

Chapter 6 People who help us

Chapter 7 We Care

Chapter 8 Be safe, Be happy

Chapter 9 Our National Symbols

**Std IV**

**English Language (Paper I)**

Grammar Scholar: Unit 9 Adjectives

Unit 10 Articles

Unit 11 Simple Present Tense

Unit 13 Simple Past Tense

Unit 15 Future Time

WB Unit :3,4,5

## English Paper 2 ( Literature )

A Daughter's Love

Once Upon a Time( By heart first eight lines of the poem)

Waste not Want not

+ textbook exercises

## Malayalam

പാഠങ്ങൾ

3.ആനയും ഓടക്കുഴലും

8.കുഞ്ചൻ നമ്പ്യാർ

9.മാടപ്പിറാവ് (ആദ്യത്തെ 4 വരി മനഃ പാഠം)

10.കുന്നിൻ പുറത്തെ സ്കൂൾ

കുത്ത് - സൗഹൃദം

## GS

Chapter 6- Plants in surroundings and environment

Chapter 7- Air

Chapter 8 - Materials and solutions

Chapter. 9- Light

## HINDI

पाठ - 5 कौआ और हार

पाठ - 6 सेब गिरा

पाठ - 7 - कोयल की आवाज़

पाठ -8- दुनिया को चमकाए चाँद

poem - पाठ - . 8

(Byheart first 8 lines )

पाठ -10- पत्थर का पत्थर

composition कोयल

गिनती - 31 to 40

& पुस्तक अभ्यास

## MATHEMATICS

4. Multiplication

- 5. Division
- 6. More Division
- 8. Fractions
- 10. Symmetry and Perspective.
- 12. Perimeter and Area.

### **Social Studies**

- 1. Domains of the Earth
- 2. Landforms and water bodies
- 3. Maps and elements of map
- 4. Our Country
- 5. Physical divisions of India

### **Computer Science**

Chapter 3 - Tools of Word Processor

Chapter 4 - The Internet

Chapter 5 - Stepwise Thinking

### **Std V**

English paper I (Grammar and Workbook)

Grammar scholar

Unit : 9 Pronouns

Unit: 10 Modals

Unit 11 Simple Tenses

Unit: 12 Continuous Tenses

Unit: 13 Perfect Tenses

Unit: 14 Adverbs

Workbook

Unit: 4&5

Literature in English (Paper II)

Reader

Unit : 2

Be a Friend (Poem- byheart first 8 lines)

Unit : 3

Don't Give Up ( poem)

Unit:5

We Must Act Now

(Poem- byheart first 8 lines)

Unit 6

The Tale of Peter Rabbit

When I'm an Old Lady

(Poem)

Supplementary Reader

Unit:4

The Cyclone

Unit 5

Birbal and the Wicked Barber

HINDI

पाठ - 6 - मैं हूँ रबड

पाठ - 7 गाँधी का पत्र :पुत्र के नाम

पाठ -8 हमारी नाव चली

poem - पाठ -8

(Byheart first 4 lines)

पाठ - 10 - क्या करें

composition रबड

\*गिनती 31 to 50 & पुस्तक अभ्यास

C S

4.Presentation software

– Special Effects

5.An Introduction to

Scratch Programming.

Social Studies

Second Terminal Exam portions

Chapter 6 The Constitution of India

Chapter 8 Elections in India

Chapter 9 Locating places on the earth

Chapter 10 Weather and climate

Chapter 11 Eclipses

MATHEMATICS

7. Unitary Method

8. Factors and Multiples

9. Fractions

10. Decimal fractions

14. Introduction to Negative Numbers

17. Perimeter and Area.

SANSKRIT

पञ्चमः पाठः - एकः अनेकः।

षष्ठः पाठः - एका अनेकाः।

सप्तमः पाठः - एकम् अनेकम्।

अष्टमः पाठः - सर्वनामः।

नवमः पाठः - सः कः अस्ति।

संख्या = 1-15

पठ् धातोः लट् रूपाणि लिखत।

लिख् धातोः लट् रूपाणि लिखत।

GS

3. Food and Health

5.Reproduction in plants

7.Interdependence in Living Beings

8.Sound and Noise

Malayalam

പഠനം

- 1.അശ്വതി
- 2.ഒരു പത്രത്തിന്റെ വിലാപം
- 3.പുഷ്പയും എലിയും (ആദ്യ വേരി മനഃപാഠം)
- 4.ഞാൻ സ്നേഹിക്കുന്നു

കുറിപ്പ് - സൗഹൃദം

### Std 6

\*Computer Science\*

Chapter 3 - Word processor - Tabular Presentation

Chapter 5 - Presentation - Visual Features

Malayalam

പാഠങ്ങൾ

3.ഗണപതി പ്രാതൽ ((ആദ്യത്തെ 10 വരി മനഃപാഠം)

4. പാത്തുമ്മയുടെ ആട്

5. അരിയില്ലാഞ്ഞിട്ട്

8. സ്നേഹം ഒരു കുഞ്ഞോളം

കുറിപ്പ് - സൗഹൃദം

English Language Paper1

\*Grammar\* :

Future Tense

Articles

Modals

Active and Passive Voice

\*Workbook\* :

Units - 3, 4, 5

\*SANSKRIT\*

षष्ठः पाठः - समुद्रतटः।

सप्तमः पाठः - बकस्य प्रतीकारः।

अष्टमः पाठः - सूक्तिस्तबकः।

(First four lines by heart)

दशमः पाठः - कृषिकाः कर्मवीराः।

एकादशः पाठः - पूषोत्सवः।

अवधारणम्।

संख्या = 1-35

पठ् धातोः लट् लकारे परस्मैपदी रूपाणि लिखत।

गम् धातोः लट् लकारे परस्मैपदी रूपाणि लिखत।

Biology

3. Cell-The Structure and function

4. Digestive system

5. Respiratory system

\*Literature in English (Paper II)\*

\*Reader\*

Unit : 5

The Old Oak Tree

Sowing the Seed

(Poem- byheart first 8 lines)

Unit 6

Mangalyaan - India's Pride and Joy

If I Were an Astronaut

(Poem)

Unit 7

Choose Your Sports (poem) ( byheart first 8 lines)

\*Supplementary Reader\*

The Voyage to Lilliput

The Sower ( poem )

Hindi

\* पाठ 5 ये पल जाते यहीं ठहर \* पाठ 6 उदार शिवाजी

\* पाठ 8 जलाते चलो

\* पाठ 10 पोंगल

\* पाठ 11 बुआजी

\* कविता - पाठ 5 पहली 14 पंक्तियां

\* व्याकरण \* पुस्तक अभ्यास

\* अनुच्छेद \* पत्र

\* गिनती - 51 से 60 तक

\*Chemistry\*

Chapter 2- Elements, compounds and mixtures

Chapter 4- Water (page no. 58-61)

## History & Civics

### \*History\*

Chapter 5 The Vedic Civilisation

Chapter 6 Mahavira and Buddha - Great Preachers

Chapter -7 Rise of Kingdoms and Republics

### \*Civics\*

Chapter -2 Urban Local Self - Government

\*Map work\*

## Mathematics

7.Fractions

8.Decimal fractions

11.Percent

13.Fundamental concepts

14.Fundamental operations

15.Framing algebraic expressions

16.Simple linear equation

23.Construction

25.Perimeter and area of plane figures

## Physics

Chapter -3

Force

Chapter -4

Simple Machines

## Geography

Chapter 2 -Major Landforms

Chapter 4 Agriculture

Chapter 6 North America

## STD VII

### ENGLISH I

Workbook Unit 4,5,6

Grammar-

Conjunctions

Modals

Active & Passive Voice

Prepositions

### ENGLISH II

Reader – Swami's Night Alone

Mother and the Mouse (not to be by-hearted)  
A Plastic Paradise (by-heart first 8 lines)  
India's Maritime Marvel  
Courage(not to be by-hearted)  
Supplementary Reader – My Grandmother's House (by-heart first 8 lines)  
Daddy-Long-Legs  
The Stone Cutter  
The Passive Voice

MALAYALAM

പാഠങ്ങൾ:-

- 1.മഴമുകിൽ പെൺകൊടി
- 2.ലക്ഷണമുള്ളവരൊന്നോ രണ്ടോ (ആദ്യത്തെ പത്തു വരി മന:പാഠം)
- 3.കാവൽ
4. നഗരത്തിലെ ചുമരുകൾ കത്ത് (സൗഹൃദം)

HINDI

- \* पाठ 6 अन्याय का विरोध
- \* पाठ 7 महिलाओं का अपना बैंक
- \* पाठ 8 वानर से मानव तक
  
- \* पाठ 10 दक्षिण गंगा – गोदावरी
- \* पाठ 11 सूरदास
- \* कविता पाठ 8 वानर से मानव तक (पहली 16 पंक्तियां )
- \* व्याकरण पुस्तक अभ्यास अनुच्छेद पत्र गिनती 71 से 90 तक

SANSKRIT

षष्ठः पाठः – सदाचारः।

(First four lines by heart)

अष्टमः पाठः – त्रिवर्णः ध्वजः।

दशमः पाठः – विश्वबन्धुत्वम्।

एकादशः पाठः – समवायोः हि दूर्जयः।

तत् शब्दां नपुंसकलिङ्गम्।

पत्रलेखनम्।

संख्या = 1-25।

चर् धातोः लृट् लकारे परस्मैपदी रूपाणि लिखत।

कृ धातोः लृट् लकारे परस्मैपदी रूपाणि लिखत।

त्रिवर्णध्वजम् अधिकृत्य पञ्च वाक्यानि लिखत।

MATHEMATICS

9. Percent and Percentage
- 10.Profit Loss and Discount
- 16.Lines and Angles

- 11.Simple Interest
- 13. Fundamental concepts – Algebra
- 17.Triangles
- 18. Pythagoras Theorem
- 25. Probability
- 22.Constructions.

#### HISTORY

- Chapter 5 The Delhi Sultanate
- Chapter 6 The Khaljis and the Tughlaqs
- Chapter 8 The Vijayanagar and Bahmani Kingdom
- Chapter 9 The Mughal Empire

\*Map work\*

#### GEOGRAPHY

- 3.Weather and Climate
- 4. Weathering and Soil Formation
- 7.Europe: Location and Physical Features

#### PHYSICS

- Chapter -4
- Light Energy
- Chapter -5
- Heat

#### CHEMISTRY

- 3. Elements Compounds and mixtures
- 4.Atomic structure
- 5.Language of chemistry

#### BIOLOGY

- 3. Classification of Animals
- 4.Photosynthesis and Respiration
- 5.Excretion in Humans

#### COMPUTER SCIENCE

- Chapter 1: Computer -Hardware Components
- Chapter 4: Ethics and Safety Measures in Computing
- Chapter 7:HTML Advanced Features

### **Std VIII**

Hindi

- पाठ 6- मेरा बचपन
- पाठ 7 – मन में है विश्वास
- पाठ 8 – गौरा
- पाठ 9 – लता मंगेशकर
- पाठ 10 – केरल का राजकुमार

पत्र

And व्याकरण

Malayalam

- 1.ജാതി ചോദിക്കുന്നില്ല ഞാൻ സോദരീ
  - 2.യാത്രാമൊഴി
  - 3.കാർട്ടൂൺ
  - 4.പൊട്ടിപ്പുറത്ത്
- വ്യാകരണം  
MATHEMATICS\*

8. Profit, loss and discount.
9. Interest.
11. Algebraic Expressions.
13. Factorisation.

14. Linear Equations in one variable.
15. Linear Inequations.
16. Understanding Shapes.
19. Representing 3-D in 2-D.

\*Chemistry \*

Chapter. 4- Atomic Structure(30-40)

Chapter. 5- Language of chemistry

Chapter. 6- Chemical Reactions

SANSKRIT\*

सप्तमः पाठः – भारतजनताऽहम्।

नवमः पाठः – सप्तभगिन्यः

दशमः पाठः – नीति नवनीतम्।

पत्रलेखनम्।

दकारान्तः त्रिषु लिङ्गेषु समानरूपः युष्मद् शब्दं लिखत।

संस्कृतभाषयाः महत्वम् अधिकृत्य उपन्यासं लिखत।

अवधारणम्।

खाद् धातोः लृट् लकारे परस्मैपदी रूपाणि लिखत।

इष् धातोः लृट् लकारे परस्मैपदी रूपाणि लिखत।

Biology

4. Ecosystems
5. Endocrine System and Adolescence
- 5.The Circulatory System

English Language

Composition

Letter writing

Notice

Email

Comprehension

Preposition

Tenses

Transformation of sentences

English Literature\*

Brooke – Forgotten One,

I am Malala,

Kids who are Different,

A True Friend,

Nine Gold Medals

Tales from Shakespeare - Comedy of Errors, Hamlet, All's Well that Ends Well

History & Civics

History

5. Decline of Mughal Empire

6. Rise of Independent kingdoms

7. Traders to Rulers

8. British policies and impacts

9. The Great Uprising of 1857 (causes only)

CIVICS

2. The Union Executive

3. Judiciary

Geography

Chapter 8

India: Geographical Features

Chapter 9 India: Climate

Chapter 10 India: Natural Vegetation and Wildlife

Chapter 6

Asia: The Largest Continent

Map of India

Economics

1. Basic problems of an economy

2. Measures to check eco system

3. Types of economy

Physics

Chapter- 4

Energy

Chapter -5

Light Energy

Chapter -6

Heat transfer

-----

## Std IX

### English I

Composition

Letter,

Notice & Email

Comprehension Passage

Functional Grammar

English II

Julius Caesar - Act I, sc (1,2,3)

Treasure Chest - The Homecoming, The Model Millionaire, I Remember I Remember, A Doctor's

journal entry

Malayalam

1. പ്രകാശം പരത്തുന്ന ഒരു പെൺകുട്ടി

2. ഭൂമിക്ക് ഒരു ചരമഗീതം

3. കാട്ടിലേക്ക് പോകല്ലേ കുഞ്ഞേ

4. വിണ്ടകാലടികൾ

5. നെയ്പ്പായസം

വ്യാകരണം

Hindi

एकांकी संचय

1. मातृभूमि का मान

2. सूखी डाली ( दूसरा दृश्य )

साहित्य सागर

1. महायज्ञ का पुरस्कार

2. नेताजी का चश्मा

व्याकरण, निबंध, पत्र

SANSKRIT

संस्कृत वाणी 4

प्रार्थना

दैवानुग्रहम्

छात्रशिक्षणम्

वसुधैव कुटुम्बकम्

व्याकरणम्

प्रबन्धः

पत्र लेखनम्

Mathematics

26. Co-ordinate Geometry

12. Mid-point Theorem and its converse

13. Pythagoras Theorem

19. Mean and Median

- 27. Graphical Solutions
- 28. Distance Formula
- 14. Rectilinear Figures
- 17. Circle
- 20. Area and Perimeter of Plane Figures
- 21. Solids
- 22. Trigonometrical Ratios
- 23. Trigonometrical Ratios of Standard Angles
- 24. Solutions of Right Triangles.

#### Physics

- Chapter 6 - Heat and energy A, B, C, D
- Chapter 7 - Reflection of light-A, B, C
- Chapter 8 - Propagation of sound waves-A
- Chapter 9 - Current electricity-A,C
- Chapter 10 - Magnetism-A

#### Chemistry

- Chapter. 1 Language of chemistry
- Chapter. 4-Atomic structure and chemical bonding
- Chapter. 5- Periodic table

Chapter. 6- Hydrogen (up to preparation)

#### Biology

- \*Five Kingdom Classification
- \*Nutrition
- \*Digestive system
- \*Skin
- \*Skeleton
- \*Respiratory system
- \*Hygiene

#### History

- 1. The Sangam Age
- 2. The Gupta Empire
- 3. The Cholas
- 4. The Delhi Sultanate
- 5. The Mughal Empire
- 6. Renaissance (causes only)

#### CIVICS

- 1. Salient Features of the Constitution-2
- 2. Elections
- 3. Local Self-Government-Rural

#### Geography

Chapter 6- Rocks  
Chapter 8 - Earthquakes  
Chapter 9 - Weathering  
Chapter 10 - Denudation  
Chapter 12 - Composition and Structure of the Atmosphere  
Chapter 13 - Insolation  
Chapter 14 - Atmospheric Pressure and Winds  
Map of the world

Economics

- 1.Consumer awareness
- 2.Public and Private sectors in Indian economy
- 3.Factors of production
- 4.Abatement of pollution
- 5.The state and economic development

Computer Applications

Functions (Methods), Method Overloading, Class As User Defined Type, Constructors

### **Std X**

**\*English Language\***

Composition

Letter writing

Notice

Email

Comprehension

Preposition

Tenses

Transformation of sentences

**\*English Literature\***

The Merchant of Venice -

Act 3, 4

Treasure Trove

Poetry - Abou Ben Adhem, I Know why the Caged bird sings, Nine Gold Medals

Prose - The Blue Bead, All Summer in a Day, The Little Match Girl

**\*Malayalam\***

1.പ്രകാശം പരത്തുന്ന ഒരു പെൺകുട്ടി

2.ഭൂമിക്ക് ഒരു ചരമഗീതം

3.കാട്ടിലേക്ക് പോകല്ലേ കുഞ്ഞേ

4.കാളിയമർദ്ദനം

5.പെറ്റവയറ്

6.തഹസീൽദാരുടെ അച്ഛൻ

7. മനസ്സിനി
8. ജന്മദിനം
9. പുത്തൻ കലവും അരിവാളും
10. തച്ചൻറെ മകൾ
11. കർണ്ണഭൂഷണം
12. ലക്ഷ്മണോപദേശം
13. മാണിക്കൻ  
വ്യാകരണം

\*Hindi\*

- नया रास्ता अध्याय 1 से 5 तक  
20 से 26 तक  
एकांकी संचय  
1. संस्कार और भावना  
2. बहू की विदा  
5. महाभारत की एक सांझ  
व्याकरण

\*Sanskrit\*

- संस्कृत वाणी 4  
अमृतधारा  
महाकवि: कालिदासः  
छात्रशिक्षणम्  
संस्कृत वाणी 5  
युक्ति: शक्ते: गरीयसी  
परोपकारार्थमिदं शरीरम्  
प्रार्थना  
व्याकरणम्

\*Physics\*

- Chapter 5 Refraction through a lens  
Chapter 7  
Sound  
Chapter 8  
Current electricity  
Chapter 9  
House hold circuits  
Chapter 10  
Electro-magnetism  
Chapter -11  
Calorimetry  
Chapter -12  
Radioactivity

**\*Chemistry\***

1. Periodic table
2. chemical bonding
3. Analytical chemistry
4. Mole concept and stoichiometry
- 7 B. Ammonia
- 7C. Nitric acid
- 7D. Sulphuric acid
8. Organic chemistry

**\*Biology\***

8. The Circulatory system
9. The Excretory system
10. The Nervous system
11. Sense Organs
12. The Endocrine system
13. The Reproductive system
14. Human Evolution
15. Population
16. Pollution
5. Transpiration

**\*Mathematics\***

1. GST
2. Banking
3. Shares and Dividends
5. Quadratic Equations
7. Ratio and Proportion
9. Matrices
11. Geometric Progression
12. Reflection
13. Section and Mid point Formula
14. Equation of a line
15. Similarity
17. Circles
18. Tangents and Intersecting Chords
19. Constructions
20. Cylinder, Cone and Sphere
22. Heights and Distances
24. Measures of Central Tendency
25. Probability

**\*History & Civics\***

**\*History\***

1. The First War of Independence
2. Quit India Movement
3. Forward Bloc and INA

4. Independence and Partition

5. First World War

6. Rise of Dictatorships

7. Second World War

8. United Nations

9. Major agencies of UN

10. NAM

\*CIVICS\*

1. Union Legislature

2. Prime Minister and the Council of Ministers

3. Supreme Court

4. High Court & Lok Adalat

\*Geography\*

1. Waste Management

Part I & Part II

2. Transport

3. Mineral Based Industries

4. Agro Based Industries

5. Water Resources

6. Natural Vegetation

7. Soil Resources

8. Interpretation of Topographical Maps

9. Map of India.

\*Computer Applications\*

\*Introduction to Object Oriented Programming concepts

\*Elementary Concept of Objects and Classes

\*Values and data types

\*Operators in Java

\*Input in Java

\*Mathematical Library Methods

\*Conditional constructs in Java

\*Iterative constructs in Java

\*Nested for loops

\*Class as the Basis of all Computation

\*User- defined Method

\*Constructors

\*Library classes

\*Encapsulation

\*Economics\*

1. Labour

2. Capital and capital formation

3. Entrepreneur

4. Theory of demand

5. Elasticity of demand

- 6.Theory of supply
- 7.Elasticity of supply
- 8.Alternative Market Structures: Basic concepts
- 9The state and economic development
- 10.Instruments of state intervention
- 11.Money and Inflation
- 12.Banking

### Std XI

Malayalam

പാഠങ്ങൾ

1. ഗുരുകുലം
- 2.സ്യമന്തകം
- 3.ഹിഗ്ഗിറ്റ
- 4.വീണപുവ്
5. സഹ്യന്റെ മകൻ
6. കല്ലുവെച്ച നൂണുകൾ

വ്യാകരണം

English literature portions for Second Term Exam

Macbeth Act 1 Scene 3,4,5,6

The Strange Meeting

The Paper Menagerie

Sonnet 116

Second Term Examination Portion - English I

Composition

Directed Writing

Proposal writing

Functional Grammar

Comprehension Passage

Biology

Second term exam portion.

1. Breathing and Exchange of gases
- 2.Digestion and Absorption
- 3.Body fluids and Circulation
- 4.Excretory Products and their Elimination
- 5.Morphology of flowering plants
- 6.Anatomy of flowering plants

- 7.Cell- the unit of life
- 8.Cell cycle and Cell Division

## II TERM EXAMINATION ( Maths)

### Section A

- Permutations and Combinations
- Binomial Theorem
- Limits
- Basic concept of points and their coordinates
- Straight line
- Circle
- Sequence and Series
- Compound and multiple angles
- Probability

### Section B

- Ellipse
- Hyperbola

### SECTION C

- Correlation Analysis
- Index numbers

### Computer Science portions for Second term exam

- \* Data representation
- \*Conditional and Iterative statements
- \*Functions
- \*Arrays
- \*Strings
- \* Wrapper classes

### Bsusiness Studies Portion for Second Term examination

- Manager and Managerial Roles
- Authority, Responsibility and Accountability
- Change Management
- Automation at Workplace

### Chemistry

#### Physical chemistry

- \* Periodic table
- \* Atomic structure and chemical bonding

Organic chemistry  
Detection and estimation of elements  
Electron displacement reactions  
Bond fission  
Reaction intermediates  
Types of chemical reactions

Physics  
Second Terminal Examination Portions  
1. Motion in a Plane  
2. Friction  
3. Centre of Mass  
4. Gravitation  
5. Thermal properties of matter  
6. Heat Transfer  
7. Thermodynamics

Second Terminal Examination Portion Accounts  
1 : Sub division of Journal- Cash book  
2: Petty Cash book  
3: Sub division of journal  
4: GST  
5: Trial Balance  
6: Final Accounts  
7: Final Accounts with Adjustment ( till adjustment no 10)

Second termexam portions  
Economics  
1.Consumer awareness  
2.Public and Private sectors in Indian economy  
3.Factors of production  
4.Abatement of pollution  
5.The state and economic development

### **Std XII**

**\*MATHEMATICS\***

Section A  
4. Inverse Trigonometric Functions  
5. Determinants  
6. Matrices  
18.Probability  
19.Baye's Theorem  
20.Theoretical probability distribution

- 11.Application of derivatives
- 12.Maxima and Minima
- 13Indefinite Integrals
- 14 Indefinite Integrals
- 15 Indefinite Integrals
- 16.Definite Integrals
- 17.Differential Equations
- SECTION B
- 3D Lines
- Plane
- Application of Integrals
- Section C
- Application of calculus
- Linear Regression
- Second term English I portions
- Composition
- Proposal Writing
- Directed writing
- Transformation of sentences
- Tenses
- Prepositions
- Comprehension Passage
- Business Studies Portion for SECOND TERM
- 1.HRM
- 2.Job analysis and Manpower planning
- 3. Recruitment
- 4. Training
- 5. Motivation
- 6. Remuneration
- 7. Promotion & Transfer
- 8. Seperation
- 9. Emerging modes of business
- 10. Business Communication
- 11. Business Entity
- 12. Source of business finance
- 13. Business Correspondence
- 14. E- business
- 15. Outsourcing
- 16. Business Regulators
- Second Term Examination Portions
- Malayalam
- പാഠങ്ങൾ
- ഗദ്യകൈരളി
- 1.കൊമാല
- 2.ധർമ്മപരീക്ഷകൾ
- 3.വെള്ളപ്പൊക്കത്തിൽ
- 4.സാഹിത്യകാരന്റെ കടമ

5. ഗുരുക്കുലം  
കാവ്യഞ്ജലി
1. സഫലമീയാത്ര
2. വീണപുവ്
3. സഹ്യന്റെ മകൻ
4. കോതമ്പുമണികൾ
5. കൊച്ചിയിലെ വൃക്ഷങ്ങൾ

അസൂര വിത്ത് (അധ്യായം 1:-4)  
വ്യാകരണം

Pre Model Examination Portion - English II

The Tempest - Act 4&5

Reverie - The Darling Thrush

Birches

Dover Beach

Echoes- The Singing Lesson

B Wordsworth

The Story of an Hour

Chemistry

Pre model exam portions

1. Aldehydes , ketones and carboxylic acids
2. Compounds containing nitrogen
3. Biomolecules
4. Electrochemistry
5. Chemical kinetics
6. d and f block elements
7. Coordination compounds

Pre model exam portions

Economics

1. Theory of consumer behaviour
2. Market equilibrium price in quantity in a competitive market
3. Laws of returns
4. Cost and revenue analysis
5. Forms of market
6. Producer's equilibrium
7. Determination of equilibrium price and output under perfect competition
- 8 Theory of income and employment
9. Money meaning and functions
- 10 Banks –Commercial banks and Central bank
11. Balance of payment and exchange rate
12. Fiscal policy
13. Government Budget

Physics

Pre Model Examination Portions

1. Electric Resistance and  
. Ohm 's law

2. Moving Charges and Magnetic field
3. Ray Optics
4. Wave Optics
5. Matter Waves
6. Nuclear structure
7. Semi conductor electronics

Pre-model examination portion  
Biology.

-----

- \*Human Reproduction
- \*Reproductive Health
- \*Evolution
- \*Human Health and Disease
- \*Microbes In Human Welfare
- \*Ecosystem
- \*Biodiversity and Conservation
- \*Biotechnology -Principles and process.
- \*Biotechnology and it's application.
- \*Organisms and population.

Pre- model examination portions  
Computer Science

- \*Boolean algebra
- \*Computer hardware
- \*Classes and Objects
- \*Java Revision tour
- \*Primitive values, type casting and expressions
- \*Control structures
- \*Functions
- \*Arrays and strings
- \*Inheritance
- \*Simple data structures
- \*Binary trees

\*\*\*\*\*