

# LT ATUL KATARYA MEMORIAL SCHOOL

Affiliated to ICSE New Delhi (Affiliation No. HA023)  
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## SYLLABUS FOR 2017-2018

### CLASS- 7

**SUBJECT: ENGLISH LANGUAGE**

**FIRST TERM (MARCH - SEPTEMBER)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
March- April	G – Verbs(subject- verb agreement), Tenses, W- Comprehension, Composition, Letters, Notice (Event, Travel, Tour, Excursions) MCB – No!(Poetry)
May	G- Sentence Transformation (Assertive/ Interrogative - Negative), Prepositions (general) W- Picture Composition, Comprehension, Letters. MCB- The Carew Murder case(Prose)
July	G- Phrases and clauses (Identification and Interchange) W- Comprehension, Composition, Letters, Notice (Lost & Found) MCB – Naming of cats! (Poetry)
August	G- Active & Passive Voice, Adjectives W- Comprehension, Composition, Letters MCB –The Machine stops (Prose)
September	Revision

Cycle Test I	Subject – verb agreement, Tenses Comprehension, Composition
Cycle Test II	Sentence Transformation, Prepositions Comprehension, Letter, Notice
First Term	Subject- Verb agreement, Tenses, Sentence Transformation, Voices, Adjectives, Prepositions (general) Comprehension, Composition, Letters, Notice

**FINAL TERM (OCTOBER - MARCH)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
October	G- Non – Finites(Identification, Synthesis, Prepositions(Group)) W- Composition, Comprehension, Letters, E mail MCB – Daffodils (Poetry)
November	G- Conjunctions(Sub-ordinate and co-ordinate), Relative – Pronouns Synthesis (Joining of sentences using conjunction & Relative pronoun) Prepositions (words followed by prepositions) W- Comprehension, Composition, Letters, Messages MCB – Voice in the dark (Prose)
December	G- Reported speech(Assertive, Interrogative, Imperative) W- Comprehension, Composition, Letters MCB – The North Ship (Poetry)
January	G- Articles, 30 Idioms & Phrasal verbs W – Comprehension, Composition, Letters
February	Revision

Cycle Test III      Non – Finites, Prepositions (Group)  
Comprehension, Letter

Cycle Test IV      Reported speech, Prepositions (words followed by prepositions) comprehension, E- mail, message

Final Term      Grammar : Subject- verb agreement, tenses, Sentence Transformation, voices, Adjectives, Reported speech, Relative Pronouns, Conjunctions, Synthesis, Phrases & Clauses, Non – Finites, Prepositions (All types), Article, Idioms & Phrasal Verbs.

Creative Writing: Comprehension, composition,  
Letter, Notice, email and message

**SUBJECT: ENGLISH LITERATURE**

**FIRST TERM (MARCH - SEPTEMBER)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
March-April	Ch-1 Light in the Night (Prose) Ch-2 January Night (Prose)
May	Ch-3 Story of An Invitation (Prose) Ch- Adventure of Isabel (Poetry)
July	Ch-5 Sri Krishna Eating House (Prose) Moon – Wind (Poetry)
August	Ch-7 Story of Keesh (Prose) Listeners (Poetry)
September	Revision

Cycle Test I Ch-1 Light in the Night (Prose)  
Ch-2 January Night (Prose)

Cycle Test II Ch-3 Story of An Invitation (Prose)  
Ch- Adventure of Isabel (Poetry)

First Term Ch-1 Light in the Night (Prose)  
Ch-2 January Night (Prose)  
Ch-3 Story of An Invitation (Prose)  
Ch- Adventure of Isabel (Poetry)  
Ch-5 Sri Krishna eating house (Prose)  
Moon – Wind (Poetry)  
Ch-7 Story of Keesh (Prose)  
Listeners (Poetry)

**FINAL TERM (OCTOBER - MARCH)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
October	Ch- 10 Export Quality (Prose) Home and Love (Poetry)
November	Ch-11 The Hitch – Hiker (Prose) The Lake Isle of Innisfree (Poetry)
December	Ch-12 Julius Ceasar (Prose)
January	Revision
February	Revision

Cycle Test III      Ch- 10 Export Quality (Prose)  
Home and Love (Poetry)

Cycle Test IV      Ch-11 The Hitch – Hiker (Prose)  
The Lake Isle of Innisfree (Poetry)

Final Term      Ch-2 January Night  
Ch-3 Story of an Invitation  
Moon – Wind, Listeners  
Ch-10 Export Quality  
Ch-11 The Hitch Hiker  
The Lake Isle of Innisfree, Home and  
Love  
Ch- 12 Julius Ceasar

**SUBJECT: MATHS**

**FIRST TERM (MARCH - SEPTEMBER)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
March-April	Ch-1 Integers Ch-2 Fractions and Decimals Ch-15 Visualising solid shapes

May	Ch-4 Exponents and powers Ch-13 Practical Geometry Ch-3 Rational numbers
July	Ch-6 Ratio and Proportion Ch-10 Lines and angles Ch-14 Symmetry
August	Ch-8 Algebraic Expressions Ch-17 Data Handling + Revision
September	First Term Exams

	Ch-1 Integers
Cycle Test I	Ch-2 Fractions and Decimals
Cycle Test II	Ch-4 Exponents and powers
	Ch-6 Ratio and Proportion
	Ch-13 Practical Geometry
First Term	Ch-1 Integer
	Ch-2 Fractions and Decimals
	Ch-3 Rational numbers
	Ch-4 Exponents and powers
	Ch-6 Ratio and Proportion
	Ch-8 Algebraic Expressions
	Ch-10 Lines and angles
	Ch-13 Practical Geometry
	Ch-14 Symmetry
	Ch-15 Visualising solid shapes

**FINAL TERM (OCTOBER - MARCH)**

MONTH	TOPICS TO BE COVERED
October	Ch-9 Linear Equations
November	Ch-7 Percentage and its applications Ch-11 Triangles and its properties
December	Ch-16 Perimeter and Area Ch-12 Congruence of triangles

	Ch-5 Sets
January	Revision
February	Final Tern Exams

Cycle Test III      Ch-9 Linear Equations  
 Ch-17 Data Handling

Cycle Test IV      Ch-7 Percentage and its applications  
 Ch-11 Triangles and its properties

Final Term      Ch-3 Rational numbers  
 Ch-5 Sets  
 Ch-7 Percentage and its applications  
 Ch-8 Algebraic Expressions  
 Ch-9 Linear Equations  
 Ch-6 Ratio and Proportions  
 Ch-11 Triangles and its properties  
 Ch-12 Congruence of triangles  
 Ch-16 Perimeter and Area  
 Ch-17 Data Handling

**SUBJECT: Physics**

**FIRST TERM (MARCH - SEPTEMBER)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
<b>March-April</b>	Ch -2 Motion Ch-6 Sound
<b>May</b>	Ch-6 Sound (Contd.) Ch-4 Light Energy
<b>July</b>	Ch-4 Light Energy(Contd.) Ch-3 Energy

<b>August</b>	Revision
<b>September</b>	First Term Exams

**Cycle Test I** Ch-2 Motion

**Cycle Test II** Ch-4 Light Energy

**First Term** Ch-2 Motion  
Ch-3 Energy  
Ch-4 Light Energy  
Ch-6 Sound

**FINAL TERM (OCTOBER - MARCH)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
<b>October</b>	Ch-5 Heat
<b>November</b>	Ch-5 Heat (Contd.)
<b>December</b>	Ch-7 Electricity and Magnetism
<b>January</b>	Revision
<b>February</b>	Final Term Exams

**Cycle Test III** Ch-5 Heat

**Cycle Test IV** Ch-7 Electricity and Magnetism

**Final Term** Ch-2 Motion  
Ch-4 Light energy  
Ch-5 Heat  
Ch-7 Electricity and magnetism



**SUBJECT: Chemistry**

**FIRST TERM (MARCH - SEPTEMBER)**

MONTH	TOPICS TO BE COVERED
<b>March-April</b>	Ch-3 Elements, Compounds and mixtures
<b>May</b>	Ch-4 Atoms, Molecules and Radicals
<b>July</b>	Ch-5 Language of Chemistry
<b>August</b>	Revision of first term syllabus
<b>September</b>	Revision

- Cycle Test I** Ch-3 Elements, Compounds and Mixtures  
**Cycle Test II** Ch-4 Atoms, Molecules and Radicals  
**First Term** Ch-3 Elements, Compounds and Mixtures  
Ch-4 Atoms, Molecules and Radicals  
Ch-5 Language of Chemistry

**FINAL TERM (OCTOBER - MARCH)**

MONTH	TOPICS TO BE COVERED
<b>October</b>	Ch-6 Metals and Non-metals
<b>November</b>	Ch-6 Metals and Non – metals
<b>December</b>	Ch-7 Air and Atmosphere
<b>January</b>	Revision of Final Term Syllabus
<b>February</b>	Revision

- Cycle Test III** Ch-6 Metals and Non-metals  
**Cycle Test IV** Ch-7 Air and Atmosphere  
**Final Term** Ch-4 Atoms, Molecules and Radicals  
Ch-5 Language of chemistry  
Ch-6 Metals and Non – metals  
Ch-7 Air and Atmosphere

**SUBJECT: Biology**

**FIRST TERM (MARCH - SEPTEMBER)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
<b>March-April</b>	Ch-1 Plant and Animal Tissues
<b>May</b>	Ch-2 Classification of plants
<b>July</b>	Ch-6 Nervous system
<b>August</b>	Ch-7 Allergy
<b>September</b>	Revision for I Term

**Cycle Test I** Ch-1 Plant and Animal Tissues

**Cycle Test II** Ch-2 Classification of plants

**First Term** Ch-1 Plant and Animal Tissues  
Ch-2 Classification of plants  
Ch-6 Nervous System

**FINAL TERM (OCTOBER - MARCH)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
<b>October</b>	Ch-4 Photosynthesis and Respiration
<b>November</b>	Ch-4 Remaining part
<b>December</b>	Ch-5 Excretion in Humans
<b>January</b>	Revision
<b>February</b>	Final Term Examination

**Cycle Test III** Ch -7 Allergy

**Cycle Test IV** Ch-4 Photosynthesis and Respiration

**Final Term** Ch-4 Photosynthesis and Respiration  
Ch-5 Excretion in Humans  
Ch-6 Nervous System  
Ch -7 Allergy

**SUBJECT: Geography**

**FIRST TERM (MARCH - SEPTEMBER)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
March	Ch-1 Representation of Geographical Features Ch -2 The Atmosphere
May	Ch-3 Weather and Climate
July	Ch-4 Weathering and Soil Formation Map Ch-5 Industries
August	Ch-5 Industries(Map) Revision
September	Revision

Cycle Test I Ch-1 Representation of Geographical Features

Cycle Test II Ch -2 The Atmosphere

First Term Ch-1 Representation of Geographical Features  
Ch -2 The Atmosphere  
Ch-3 Weather and Climate  
Ch-4 Weathering and Soil Formation Map  
Ch-5 Industries

**FINAL TERM (OCTOBER - MARCH)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
October	Ch-6 Energy and Power Resources Map
November	Ch-7(a) Study of continents( Europe and Africa) Ch- 7(b) Study of continents (Antartica)
December	Ch-7(b) Study of continents (Antartica) Ch-7 (c ) Study of continents (case studies)
January	Revision
February	Revision

Cycle Test III            Ch-6 Energy and Power Resources

Cycle Test IV            Ch-7(a) Study of continents (Europe and Africa)

Final Term                Ch-6 Energy and Power Resources  
Ch-7(a) Study of continents (Europe and Africa)  
Ch-7(b) Study of continents (Antartica)  
Ch-7 (c ) Study of continents (case studies)

**SUBJECT: HISTORY & CIVICS**

**FIRST TERM (MARCH - SEPTEMBER)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
March-April	L-1 The Constitution of India (C ) L-1 Medieval Europe – Rise and Spread of Christianity (H)
May	L-3 The Turkish Invaders (H) L- 4 The Delhi Sultanate (H)

July	L-5 Government, Society and Culture under the Delhi Sultanate (H) L-10 Making of Composite Culture Sufi and Bhakti Movements (H)
August	L-10 Making of composite culture Sufi and Bhakti Movements (H) Revision
September	Revision

Cycle Test I L-1 The Constitution of India (C)

Cycle Test II L- 4 The Delhi Sultanate (H)

First Term L-1 The Constitution of India (C)  
L-1 Medieval Europe – Rise and spread of Christianity (H)  
L-3 The Turkish Invaders (H)  
L- 4 The Delhi Sultanate (H)  
L-5 Government, Society and Culture under the Delhi sultanate (H)

### FINAL TERM (OCTOBER - MARCH)

MONTH	TOPICS TO BE COVERED
October	L-7 Foundation of the Mughal Empire (H) L-8 Akbar The Great – A case study (H)
November	L-8 Akbar The Great – A Case Study (Contd.) (H) L-9 Jahangir, Shahjahan and Aurangzeb (H)
December	L-3 Directive Principles of State Policy (C)
January	Revision
February	Revision

Cycle Test III L-8 Akbar The Great – A case study (H)

Cycle Test IV L-3 Directive Principles of State Policy (C)

Final Term L-10 Making of Composite Culture Sufi and Bhakti Movements  
 L-7 Foundation of the Mughal Empire (H)  
 L-8 Akbar The Great – A case study (H)  
 L-9 Jahangir, Shahjahan and Aurangzeb (H)  
 L-3 Directive Principles of State Policy (C)

**SUBJECT: COMPUTER**

**FIRST TERM (MARCH - SEPTEMBER)**

MONTH	TOPICS TO BE COVERED
March-April	Ch-1 External Hardware devices Ch-3 Number System
May	Ch-3 Number system Ch-4 Computer Viruses and their effects
July	Ch-4 Computer Viruses and their effects Ch-6 Introduction to MS Excel
August	Ch-6 Introduction to MS Excel Revision
September	Revision

Cycle Test I Ch-1 External Hardware devices  
Ch-3 Number System

Cycle Test II Ch-4 Computer Viruses and their effects  
Ch-6 Introduction to MS Excel

First Term Ch-1 External Hardware devices  
Ch-3 Number System  
Ch-4 Computer Viruses and their effects  
Ch-6 Introduction to MS Excel

**FINAL TERM (OCTOBER - MARCH)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
October	Ch-7 Editing a worksheet Ch-11 More on HTML
November	Ch-11 More on HTML Ch-12 Tables in HTML
December	Ch-12 Tables in HTML Ch-5 Computer crime ethics and security
January	Ch-5 Computer crime ethics and security Revision
February	Revision

Cycle Test III Ch-7 Editing a worksheet  
Ch-11 More on HTML

Cycle Test IV Ch-12 Tables in HTML  
Ch-5 Computer crime ethics and security

Final Term Ch-5 Computer crime ethics and security  
Ch-7 Editing a worksheet  
Ch-11 More on HTML  
Ch-12 Tables in HTML

**SUBJECT: GENERAL KNOWLEDGE**

**FIRST TERM (MARCH - SEPTEMBER)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
March-April	Page 7 to Page 27 + Current Affairs
May	Page 28 to Page 38 + Current Affairs
July	Page 39 to Page 48 + Current Affairs

August	Revision
September	First Term Examination

Cycle Test I Pg 7 to Pg 27 + current affairs

Cycle Test II Pg 28 to Pg 48+ current affairs

First Term Pg 7 to Pg 48 + current affairs

**FINAL TERM (OCTOBER - MARCH)**

<b>MONTH</b>	<b>TOPICS TO BE COVERED</b>
October	Pg 49 to Pg 59 + Current Affairs
November	Pg 60 to Pg 69 + Current Affairs Pg 70 to Pg 80
December	Pg 82 to Pg 90 + Current Affairs
January	Final Term Revision
February	Final Term Examination

Cycle Test III Pg 49 to 69 + current affairs

Cycle Test IV Pg 70 to 90 + current affairs

Final Term Pg 49 to 90 + current affairs



पाठ्यचर्या -विभाजन

कक्षा - सातवीं

विषय-हिन्दी

मास का नाम

पुस्तक का नाम

पाठ्य-विषय-विवरण

मार्च -अप्रैल

जूही

पाठ -1 मुसकराकर चल मुसाफिर

पाठ-2 जल बैक

नवीन शिक्षार्थी (व्याकरण) वर्ण-विचार, भाषा-विचार,विलोम,

उपसर्ग-प्रत्यय,पत्र-लेखन,विज्ञापन,निबंध-लेखन,अपठित पद्यांश,वर्तनी-सुधार

मई

जूही

पाठ-3 कवि का चुनाव

पाठ-9 इतने ऊँचे उठे

व्याकरण

संज्ञा(लिंग,वचन,कारक),निबंध-लेखन,डायरी-लेखन,

तत्सम-तद्भव

जुलाई

जूही

पाठ-6 सबसे बड़ा धर्म , पाठ-13 महाराणा प्रताप

व्याकरण

सर्वनाम,विशेषण,पर्यायवाची,निबंध-लेखन,पत्र-लेखन

अगस्त

जूही

पाठ-7 प्राकृतिक व्यायाम

व्याकरण

मुहावरे, वाक्यांश के लिए एक शब्द,समरूपी

भिन्नार्थक शब्द, निबंध-लेखन, पत्र-लेखन।

सितंबर

पुनरावृत्ति-कार्य।

प्रथमा इकाई परीक्षा-पाठ्यचर्या

पाठ -1 मुसकराकर चल मुसाफिर, पाठ-2 जल बैक

वर्ण-विचार,विलोम,पत्र-लेखन,अपठित गद्यांश

द्वितीया इकाई परीक्षा-पाठ्यचर्या

पाठ-3 कवि का चुनाव, पाठ-9 इतने ऊँचे उठे

कारक,निबंध-लेखन,डायरी-लेखन,अपठित पद्यांश



## ★ प्रथमा सत्रीया परीक्षा- पाठ्यचर्या

★ पाठ-1 मुसकराकर चल मुसाफिर, पाठ-2 जल बैंक, पाठ-3 कवि का चुनाव, पाठ-6

★ सबसे बड़ा धर्म, पाठ-7 प्राकृतिक व्यायाम, पाठ-9 इतने ऊँचे उठो,

★ पाठ-13 महाराणा प्रताप

★ वर्ण-विचार, भाषा-विचार, विलोम, उपसर्ग-प्रत्यय, संज्ञा (लिंग, वचन, कारक), सर्वनाम, विशेषण,

★ पर्यायवाची, वाक्यांश के लिए एक शब्द, श्रुतिसमभिन्नार्थक शब्द, मुहावरे, अनेकार्थी शब्द,

★ पत्र-लेखन, निबंध-लेखन, डायरी-लेखन, विज्ञापन-लेखन, अपठित गद्यांश-पद्यांश।

## ★ द्वितीया सत्रीया-पाठ्यचर्या

★ अक्टूबर जूही पाठ-8 अब्राहम लिंकन

★ पाठ-14 चेतक

★ व्याकरण किया, काल, मुहावरे, पत्र-लेखन, वाक्यांश के लिए एक शब्द

★ नवंबर जूही पाठ-12 जब जागो तभी सवेरा,

★ पाठ-16 भक्ति के पद

★ व्याकरण वाक्य (अर्थ के आधार पर), समरूपी भिन्नार्थक शब्द,

★ डायरी-लेखन, निबंध-लेखन

★ दिसंबर जूही पाठ-17 नमक का दरोगा

★ पाठ-15 भूकंप

★ व्याकरण विराम-चिह्न, विज्ञापन, विलोम, पर्यायवाची, अनेकार्थी, पत्र लेखन।

★ जनवरी पुनरावृत्ति कार्य।

★ फरवरी वार्षिकी परीक्षा।

★ तृतीया इकाई परीक्षा-पाठ्यचर्या

★ पाठ-8 अब्राहम लिंकन, पाठ-14 चेतक

★ किया, काल, पत्र-लेखन, अपठित गद्यांश

★ चतुर्थी इकाई परीक्षा-पाठ्यचर्या

★ पाठ-12 जब जागो तभी सवेरा, पाठ-16 भक्ति के पद

★ वाक्य (अर्थ के आधार पर), समरूपी भिन्नार्थक शब्द, निबंध-लेखन, अपठित पद्यांश

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## ★ वार्षिकी परीक्षा-पाठ्यचर्या

★ पाठ-8 अब्राहम लिंकन, पाठ-12 जब जागो तभी सवेरा, पाठ-14 चेतक, पाठ-15

★ भूकंप, पाठ-16 भक्ति काव्य, पाठ-17 नमक का दरोगा

★ व्याकरण क्रिया, काल, वाक्य, विराम-चिह्न, पर्यायवाची, विलोम, अनेक शब्दों के लिए एक

★ शब्द, समरूपीभिन्नार्थक शब्द, मुहावरे, अनेकार्थी शब्द, डायरी-लेखन,

★ अपठित गद्यांश-पद्यांश, निबंध-लेखन, पत्र-लेखन, विज्ञापन ।

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### पाठ्यचर्या-विभाजन

#### कक्षा-सातवीं

#### विषय-संस्कृत

### ★ प्रथमा सत्रीया पाठ्यचर्या

★ मास का नाम (पाठ्य पुस्तक-दीपमणिका-1) पाठ्य-विषय-विवरण

★ मार्च-अप्रैल पाठ- 3 धातुपरिचयः(क्रिया)

★ पाठ- 4 भाषायाः सौन्दर्यम्(सर्वनाम)

★ फलों के नाम, पठ्, खाद

★ धातुरूप, बालक शब्दरूप

★ मई पाठ-5 त्रयः पुरुषाः,

★ पाठ-6 कारकस्थाने विभक्तिः

★ हस्, चल् धातुरूप

★ (लृट् लकार में)

★ जुलाई पाठ-8 वृक्षस्य उपयोगिता

★ पाठ-9 मम पाठशाला

★ फूलों के नाम, लता शब्दरूप,

★ अगस्त पाठ-10 परोपकारः

★ 'पुस्तक' शब्दरूप, नम्

★ धातु(लृट्, लृट् लकार में)

### ★ प्रथमा इकाई परीक्षा-पाठ्यचर्या

★ पाठ- 3 धातुपरिचयः(क्रिया)

★ पाठ- 4 भाषायाः सौन्दर्यम् (सर्वनाम)

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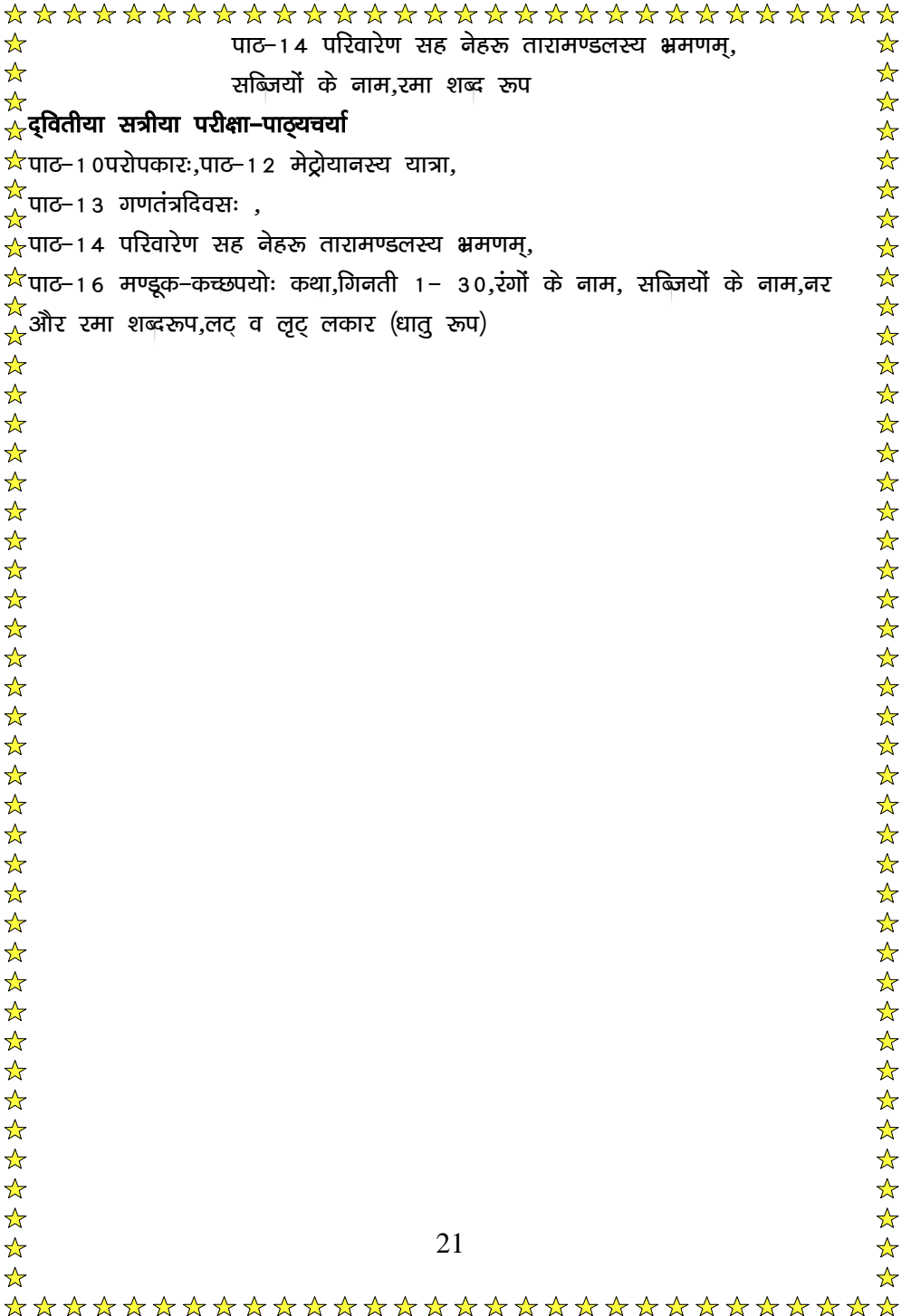
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पाठ-14 परिवारेण सह नेहरू तारामण्डलस्य भ्रमणम्,

सब्जियों के नाम,रमा शब्द रूप

**द्वितीया सत्रीया परीक्षा-पाठ्यचर्या**

पाठ-10 परोपकारः, पाठ-12 मेट्रोयानस्य यात्रा,

पाठ-13 गणतंत्रदिवसः ,

पाठ-14 परिवारेण सह नेहरू तारामण्डलस्य भ्रमणम्,

पाठ-16 मण्डूक-कच्छपयोः कथा, गिनती 1- 30, रंगों के नाम, सब्जियों के नाम, नर

और रमा शब्दरूप, लट् व लृट् लकार (धातु रूप)

