

ICSE - Indian Certificate of Secondary Education

GRADE 9 ENGLISH LANGUAGE

SYLLABUS

UNITS	SUB-UNITS
A. LANGUAGE	<ul style="list-style-type: none"> • Comprehension • Punctuation • Articles • Story Writing • Adjectives • Informal letter • Adverbs • Essay Writing • Verbs • Phrase and Clause • Formal letter • Formal letter • Essay writing • Summary writing • Vocabulary • Formal letter • Comprehension • Preposition • Conjunction • Essay Writing • Sentence Structure • Essay Writing • Tenses

	<ul style="list-style-type: none">• Active and Passive Voice• Picture composition• Formal Letter• Listening comprehension• Vocabulary• Summary writing• Essay Writing• Direct & Indirect Speech• Transformation and Synthesis of sentences• All basic concepts taught earlier
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GRADE 9 ENGLISH LITERATURE

SYLLABUS

UNITS	SUB-UNITS
A. PROSE	<ul style="list-style-type: none"> • The Gift of the Magi • Dusk • The Umbrella Man • Rikki Tikki Tavi • An Astrologer's Day • The Case for the Defence • The Sniper • A Fishy Story • A Day's Wait • The Monkey's Paw
B. POETRY	<ul style="list-style-type: none"> • No Men are Foreign • The Road Not Taken • Our Casurina Tree • If • To India My Native Land • The Night of the Scorpion • The Slave's Dream • Laugh and Be Merry • La Belle Dame Sans Merci
C. DRAMA	<ul style="list-style-type: none"> • As You Like It - Act I • As You Like It - Act II and Act III

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GRADE 9 HINDI

SYLLABUS

UNITS	SUB-UNITS
A. LANGUAGE	<ul style="list-style-type: none"> ● ग.सं : परीक्षा ● ए.सु : राजरानी सीता ● ग.सं : ताई , ● ग.स : अकेली ● ए.सु : मेलमिलाप ● ग.सं : उसकी माँ , ● ग.सं. : चीफ की दावत ● ग.सं. : चप्पल ● ग.सं. : भीड़ में खोया आदमी ● ग.सं : भोलाराम का जीव ● ग.सं : ममता ● ए.सु : भटकन ● ग.सं : खेल ● ग.सं : मिठाईवाला ● ग.सं : मेरे मास्टर साहब ● ए.सु : लक्ष्मी का स्वागत ● ग.सं : मैं और मेरा देश ● ग.सं : सच्ची वीरता
B. LITERATURE	<ul style="list-style-type: none"> ● भाववाचक संज्ञा, ● काल परिवर्तन ● निबंध लेखन ● पर्यायवाची

- विलोम
- मुहावरे
- लिंग
- वचन
- पुनरावर्तन
- विशेषण
- अपठित गद्यांश
- लोकोक्तियाँ १-१५
- चित्र-कथा लेखन
- पत्र-लेखन
- श्रुत भाव ग्रहण

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GRADE 9 HISTORY AND CIVICS

SYLLABUS

UNITS
A. RURAL LOCAL SELF-GOVERNMENT
B. URBAN LOCAL SELF GOVERNMENT
C. JAINISM AND BUDDHISM
D. THE BUDDHIST AND JAIN SCHOOL OF ART AND ARCHITECTURE
E. BIRTH AND ADVENT OF ISLAM
F. KINGDOMS OF THE SOUTH
G. IMPACT OF ISLAM
H. THE REFORMATION
I. THE UNION LEGISLATURE
J. THE STATE LEGISLATURE
K. THE FIRST WORLD WAR
L. RISE OF FASCISM AND NAZISM
M. THE SECOND WORLD WAR
N. COLD WAR
O. NON- ALIGNED MOVEMENT
P. UNIVERSAL DECLARATION OF HUMAN RIGHTS
Q. THE FIRST WAR OF INDEPENDENCE 1857
R. THE GROWTH OF NATIONALISM
S. THE PROGRAMME AND ACHIEVEMENTS OF THE MODERATES

T. RISE OF RADICAL NATIONALISM

U. PARTITION OF BENGAL

V. THE FORMATION OF THE MUSLIM LEAGUE

W. THE UNION EXECUTIVE

X. THE STATE GOVERNOR

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**GRADE 9
GEOGRAPHY**

SYLLABUS

UNITS
A. LATITUDES AND LONGITUDES
B. MOTIONS OF THE EARTH
C. INDIA-LOCATION, EXTENT AND PHYSICAL FEATURES
D. MAP WORK-INDIA
E. TOPOGRAPHICAL MAPS
F. THE CLIMATE OF INDIA
G. SOILS IN INDIA
H. NATURAL VEGETATION OF INDIA
I. AGRICULTURE IN INDIA-I

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**GRADE 9
ENVIRONMENTAL EDUCATION**

SYLLABUS

UNITS
A. RESTORING BALANCE IN ECOSYSTEM
B. MEASURES TO CHECK SPOILAGE OF LANDSCAPE
C. CONSERVATION AND MANAGEMENT OF WATER
D. CONSERVATION AND MANAGEMENT OF FORESTS
E. CONSERVATION AND MANAGEMENT OF OCEANS
F. CONSERVATION AND MANAGEMENT OF SOIL
G. WILDLIFE CONSERVATION
H. APPLICATION OF BIO-TECHNOLOGY
I. CONSUMER EDUCATION
J. ENFORCEMENT OF ACTS,LAWS, POLICIES

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GRADE 9 MATHEMATICS

SYLLABUS

UNITS
A. RATIONAL & IRRATIONAL NUMBERS, SURDS INCLUDED
B. LOGARITHMS
C. MID-POINT THEOREM AND ITS CONVERSE; EQUAL INTERCEPT THEOREM
D. TRIANGLE INEQUALITIES
E. QUADRILATERALS
F. SIMILARITY
G. CONSTRUCTION
H. RECTILINEAR FIGURES
I. AREA AND PERIMETER OF A TRIANGLE AND QUADRILATERAL
J. SURFACE AREA AND VOLUME OF CUBE, CUBOIDS AND CYLINDER
K. TRIGONOMETRIC RATIOS, STANDARD ANGLES, SOLUTIONS TO RIGHT TRIANGLES
L. PROFIT AND LOSS
M. EXPANSION
N. FACTORISATION
O. LINEAR EQUATION AND SIMULTANEOUS EQUATION
P. INDICES
Q. STATISTICS
R. PYTHAGORAS THEOREM
S. COORDINATE GEOMETRY

T. COMMERCIAL MATHEMATICS; COMPOUND INTEREST

U. RATIO AND PROPORTION

V. QUADRATIC EQUATIONS

W. COMMERCIAL MATHEMATICS: BANKING

X. COMMERCIAL MATHEMATICS: SALES TAX AND VALUE ADDED TAX

Y. COMMERCIAL MATHEMATICS: SHARES AND DIVIDEND

Z. REMAINDER THEOREM

AA. LINEAR INEQUATIONS

BB. SIMILARITY

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GRADE IX COMMERCIAL STUDIES

SYLLABUS

UNITS
A. HUMAN ACTIVITIES AND BUSINESS ACTIVITIES
B. COMMERCE AND TRADE
C. PROFIT AND NON-PROFIT ORGANISATION
D. SOLE PROPRIETORSHIP, HINDU UNDIVIDED FAMILY BUSINESS, JOINT STOCK COMPANY, PARTNERSHIP AND CO-OPERATIVE SOCIETY
E. PUBLIC SECTOR ENTERPRISES
F. FUNCTIONS OF A COMMERCIAL ORGANISATION
G. COMMUNICATION IN COMMERCIAL ORGANISATION
H. INTRODUCTION TO ACCOUNTING AND BOOK-KEEPING
I. BASIC ACCOUNTING PRINCIPLES AND CONCEPTS-ACCOUNTING BOOKS AND STATEMENTS
J. JOURNAL, CLASSIFICATION OF ACCOUNTS, RULES OF DEBIT AND CREDIT
K. LEDGER-MEANING, POSTING AND BALANCING OF LEDGER-ACCOUNTS
L. TRIAL BALANCE
M. SIMPLE CASH BOOK
N. TRADE-HOME TRADE AND INTERNATIONAL TRADE
O. STAKEHOLDERS IN COMMERCIAL ORGANISATIONS
P. COMMUNICATION IN COMMERCIAL ORGANISATIONS

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**GRADE 9
SCIENCE (PHYSICS)**

SYLLABUS

UNITS
A. FLUIDS
B. NEWTON'S LAWS OF MOTION
C. FORCE,WORK,ENERGY AND POWER
D. LIGHT:REVISION
E. HEAT:CALORIMETRY
F. SOUND

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**GRADE 9
SCIENCE (CHEMISTRY)**

SYLLABUS

UNITS
A. CHEMICAL BONDING - ELECTROVALENT, COVALENT, CO-ORDINATE
B. OXIDATION; REDUCTION
C. OXIDES
D. SULPHUR
E. CHLORINE
F. COMPOUND OF SULPHUR: H_2SO_4
G. COMPOUND OF CHLORINE: HCL
H. STUDY OF GAS LAWS
I. MOLE CONCEPT AND STOICHOOMETRY
J. ELECTROLYSIS

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GRADE 9 SCIENCE (BIOLOGY)

SYLLABUS

UNITS
A. BASIC BIOLOGY:THE CELL
B. HUMAN ANATOMY AND PHYSIOLOGY:MOVEMENT AND LOCOMOTION
C. HUMAN ANATOMY AND PHYSIOLOGY:SKIN
D. HUMAN ANATOMY AND PHYSIOLOGY:POPULATION
E. PHYSICAL HEALTH AND HYGIENE:AIDS TO HEALTH
F. HUMAN ANATOMY AND PHYSIOLOGY:CIRCULATORY SYSTEM
G. HUMAN ANATOMY AND PHYSIOLOGY:EXCRETORY SYSTEM
H. HUMAN ANATOMY AND PHYSIOLOGY:RESPIRATORY SYSTEM
I. HUMAN ANATOMY AND PHYSIOLOGY:NERVOUS SYSTEM
J. PLANT PHYSIOLOGY:ABSORPTION IN PLANTS
K. PLANT PHYSIOLOGY:TRANSPIRATION
L. PLANT PHYSIOLOGY:PHOTOSYNTHESIS
M. JOURNAL WORK

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**GRADE 9
ENVIRONMENTAL SCIENCE
(Pune, Bangalore - Marthahalli)**

SYLLABUS

UNITS
A. UNDERSTANDING OUR ENVIRONMENT
B. LIVING THINGS IN ECOSYSTEM
C. HOW ECOSYSTEMS WORK
D. KINDS OF ECOSYSTEMS
E. WATER
F. AIR
G. ATMOSPHERE AND CLIMATE
H. SOIL AND LAND
I. PEOPLE
J. URBANIZATION
K. AGRICULTURE

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**GRADE 9
ECONOMICS
(Mumbai, Bangalore - Marthahalli)**

SYLLABUS

UNITS
A. MEANING AND DEFINITION OF ECONOMICS
B. BASIC CONCEPTS FO ECONOMICS
C. BASIC PROBLEM OF AN ECONOMY
D. TYPES OF ECONOMICS
E. CHARACTERISTICS OF THEINDIAN ECONOMY
F. FOOD SECURITY IN INDIA
G. INDUSTRY
H. POVERTY IN INDIA
I. PROBLEM OF UNEMPLOYMENT IN INDIA
J. HUMAN CAPITAL FORMATION IN INDIA

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**GRADE 9
PERFORMING ARTS-DRAMA
(Bangalore- Marthahalli)**

SYLLABUS

UNITS
A. ELEMENTS OF DRAMA
B. FUNCTION OF THE DIRECTOR
C. PLAY ANALYSIS-ONCE UPON A HEART
D. PRODUCTION PROCESS
E. THE STAGE
F. STAGE MANAGEMENT
G. DIFFERENT TYPES OF STAGE
H. COSTUMES AND MAKE-UP
I. STAGE CRAFT
J. LITERATURE
K. MOVEMENT, RHYTHM, DRAMATISATION, COMPOSITION, PICTURISATION
L. PLAY ANALYSIS

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GRADE 9

ART

(Mumbai, Pune, Bangalore - Marthahalli)

SYLLABUS

UNITS
A. PAPER- 1 (STILL LIFE)-1 / SKETCHING
B. COURSE WORK
C. PAPER- 3 (ORIGINAL IMAGINATIVE COMPOSITION)-1
D. PAPER- 1 (STILL LIFE)-2 / SKETCHING
E. COURSE WORK
F. PAPER- 1 (STILL LIFE)-3 / SKETCHING
G. PAPER- 3 (ORIGINAL IMAGINATIVE COMPOSITION)-2
H. PAPER- 1 (STILL LIFE)-4 / SKETCHING
I. COURSE WORK
J. PAPER- 3 (ORIGINAL IMAGINATIVE COMPOSITION)-3
K. PAPER- 1 (STILL LIFE)-5 / SKETCHING
L. PAPER- 3 (ORIGINAL IMAGINATIVE COMPOSITION)-4
M. COURSE WORK
N. PAPER- 1 (STILL LIFE)-6 / SKETCHING
O. PAPER 3 (ORIGINAL IMAGINATIVE COMPOSITION)-5
P. COURSE WORK
Q. PAPER- 1 (STILL LIFE)-7 / SKETCHING
R. PAPER- 3 (ORIGINAL IMAGINATIVE COMPOSITION)-6

S. PAPER- 3 (ORIGINAL IMAGINATIVE COMPOSITION)-7

T. COURSE WORK

U. PAPER- 1(STILL LIFE)-8 / SKETCHING

V. COURSE WORK

W. PAPER- 3 (ORIGINAL IMAGINATIVE COMPOSITION)-7

X. PAPER- 3 (ORIGINAL IMAGINATIVE COMPOSITION)-8

ICSE - Indian Certificate of Secondary Education

**GRADE 9
COMPUTER APPLICATIONS
(Mumbai, Pune, Bangalore - Marthahalli)**

SYLLABUS

UNITS
A. OPERATING SYSTEM
B. THE INTERNET
C. COMPUTING AND ETHICS
D. OFFICE APPLICATION SOFTWARE
E. DATABASE PACKAGE
F. ELEMENTARY CONCEPTS OF OBJECTS AND CLASSES
G. CLASS
H. VALUES AND TYPES
I. CONDITIONAL STATEMENTS
J. ITERATION STATEMENTS
K. CONSTRUCTORS
L. FUNCTIONS

GRADE 9

**ECONOMIC APPLICATIONS
(Pune)**

SYLLABUS

UNITS
A. BASIC CONCEPTS OF ECONOMICS
B. ECONOMIC ENTITIES
C. BASIC ECONOMIC PROBLEM OF AN ECONOMY
D. TYPES OF ECONOMIC SYSTEM
E. AN OVERVIEW OF INDIAN ECONOMY
F. SECTORS OF THE ECONOMY
G. PUBLIC SECTOR AND PRIVATE SECTOR IN INDIAN ECONOMY
H. INFRASTRUCTURE OF INDIAN ECONOMY
I. BANKING AND FINANCIAL INSTITUTIONS
J. CONSUMER AWARENESS
K. GLOBALIZATION
L. WTO AND MNCS

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**GRADE IX
TECHNICAL DRAWING APPLICATIONS
(Mumbai)**

SYLLABUS

UNITS
A. INTRODUCTION TO TDA
B. GEOMETRICAL CONSTRUCTIONS
C. AREA CONVERSIONS
D. ORTHOGRAPHIC PROJECTIONS (USING 1ST ANGLE METHOD)
E. ORTHOGRAPHIC PROJECTIONS (USING 3RD ANGLE METHOD)
F. FREE HAND SKETCHING.
G. SECTIONAL ORTHOGRAPHIC PROJECTIONS (USING 3RD ANGLE METHOD)
H. ISOMETRIC PROJECTIONS (CONVERTING 2D TO 3D) INCLUDING COPY THE ISO
I. OBLIQUE VIEWS
J. TEMPLATES
K. ENGINEERING CURVES

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GRADE IX PHYSICAL EDUCATION (Mumbai)

SYLLABUS

UNITS	
A. SECTION A: BIOLOGY	SECTION B: SPORTS
B. BASKETBALL (SECTION B)	
C. FOOTBALL (SECTION B)	
D. BASIC ORGANISATION: CELLS, TISSUES, ORGANS AND ORGAN SYSTEMS (SECTION A)	
E. MOVEMENT AND SUPPORT(SECTION A)	
F. RESPIRATION(SECTION A)	
G. CIRCULATION(SECTION A)	
H. NUTRITION (SECTION A)	
I. EXCRETION (SECTION A)	
J. SENSITIVITY AND COORDINATION(SECTION A)	
K. HANDBALL (SECTION B)	
L. CRICKET (SECTION B)	

ICSE - Indian Certificate of Secondary Education
GRADE 9
FRENCH
2nd Language
(Mumbai, Pune, Bangalore- Marthahalli)

SYLLABUS

UNITS
A. COMPARATIVE
B. SUPERLATIVE
C. ADJECTIVES IN FEMININE
D. VOCABULARY IN A RESTAURANT
E. NEW VERB: DEVOIR, SUIVRE
F. FRENCH MEAL VOCABULARY
G. ADJECTIVES
H. DIRECT OBJECT PRONOUNS
I. POSSESSIVE PRONOUNS
J. VOCABULARY IN THE KITCHEN AND DINING ROOM
K. INDIRECT OBJECT PRONOUNS
L. OFFICE VOCABULARY
M. NEW VERBS
N. EMPHATIC PRONOUNS
O. LESSON 32-39
P. COMPREHENSION
Q. IRREGULAR VERBS:YER ENDING
R. GENERAL QUESTIONS ON ALL SHOPS
S. VOCABULARY OF SHOPS IN FRANCE
T. LETTER WRITING
U. ESSAY WRITING

Note: As per the ICSE guidelines, French is offered as second language only to foreign passport holders

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**GRADE 9
KANNADA
2nd Language
(Bangalore-Marthahalli)**

SYLLABUS

UNITS
ನಮ್ಮ ಊರಿನ ರಸಿಕರು ಅಧ್ಯಾಯ ೧ ನಮ್ಮ ಊರಿನ ರಸಿಕರು ಅಧ್ಯಾಯ ೨ ನಮ್ಮ ಊರಿನ ರಸಿಕರು ಅಧ್ಯಾಯ ೩
ಕನ್ನಡ ಕಸ್ತೂರಿ ನಿರ್ಮಲ ಚಿತ್ತ - ಪದ್ಯ ನಗು-ಅಳು ಪಾಠ ವ್ಯಾಕರಣ ನಮ್ಮ ಊರಿನ ರಸಿಕರು ಅಧ್ಯಾಯ ೪ ಅಧ್ಯಾಯ ೫
ಕನ್ನಡ ಕಸ್ತೂರಿ ನಮ್ಮ ಭಾಷೆ ನಮ್ಮ ಊರಿನ ರಸಿಕರು ಅಧ್ಯಾಯ ೬ ವ್ಯಾಕರಣ
ಕನ್ನಡ ಕಸ್ತೂರಿ ಅರಿವು - ಪದ್ಯ ನಮ್ಮ ಊರಿನ ರಸಿಕರು ೭ - ಪುನರಾವರ್ತನೆ

<p>ನಮ್ಮ ಊರಿನ ರಸಿಕರು</p> <p>ಅಧ್ಯಾಯ ೮</p> <p>ಕನ್ನಡ ಕಸ್ತೂರಿ</p> <p>ಮನಃ ಪರಿವರ್ತನೆ - ಪಾಠ</p> <p>ವ್ಯಾಕರಣ</p>
<p>ನಮ್ಮ ಊರಿನ ರಸಿಕರು</p> <p>ಅಧ್ಯಾಯ ೯</p> <p>ಕನ್ನಡ ಕಸ್ತೂರಿ</p> <p>ರಸ ಬಳ್ಳಿ- ಪದ್ಯ</p> <p>ವ್ಯಾಕರಣ</p>
<p>ನಮ್ಮ ಊರಿನ ರಸಿಕರು</p> <p>ಅಧ್ಯಾಯ ೧೦</p> <p>ಅಧ್ಯಾಯ ೧೧</p>
<p>ನಮ್ಮ ಊರಿನ ರಸಿಕರು</p> <p>ಅಧ್ಯಾಯ ೧೨</p> <p>ಅಧ್ಯಾಯ ೧೩</p> <p>ವ್ಯಾಕರಣ</p>
<p>ನಮ್ಮ ಊರಿನ ರಸಿಕರು-ಪುನರಾವರ್ತನೆ</p> <p>ಕನ್ನಡ ಕಸ್ತೂರಿ - ಪುನರಾವರ್ತನೆ</p> <p>ವ್ಯಾಕರಣ - ಪುನರಾವರ್ತನೆ</p>

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**GRADE 9
SANSKRIT
2nd Language
SYLLABUS
(Bangalore-marthahalli)**

UNITS	SUB-UNITS
A. प्रार्थना (पाठ १)	<ul style="list-style-type: none"> वाचन्, स्पट्षिकरन
B. संस्कृत अनुवाद	<ul style="list-style-type: none"> प्रारूप् जानना
C. समास विग्रह D. महाकवि कालीदास (पाठ २)	<ul style="list-style-type: none"> नियम, परिवर्तन स्पट्षिकरन, लिखित कार्य
E. अस्माकम देश (पाठ ३)	<ul style="list-style-type: none"> स्पट्षिकरन, लिखित कार्य
F. संस्कृत अनुवाद	<ul style="list-style-type: none"> रचनात्मक लेखन
G. तिडन्त प्रकरणम	<ul style="list-style-type: none"> धातू रूप
H. अंग्रेजी अनुवाद	<ul style="list-style-type: none"> रचनात्मक लेखन
I. आचार्य देवो भव (पाठ ४)	<ul style="list-style-type: none"> स्पट्षिकरन, लिखित कार्य

J. देवानुग्रहम (पाठ ५)	• स्पटिषकरण, लिखित कार्य
K.सन्धि	• अर्थ, भेद
L.कारक प्रकरणम	• नियम, परिवर्तन
M.शब्द प्रकरण (पाठ ६)	• शब्द प्रकरण जानना
N.छत्र सिणम (पाठ ७)	• स्पटिषकरण, लिखित कार्य
O.वासुदेव कुटुम्बकम (पाठ ८)	-
P. प्रबन्ध भाज १	• निबंद की रूपरेखा
Q. संस्कृत अनुवाद	• रचनात्मक लेखन
R.सन्धि भाग २	• भेदों की व्याख्या
S.अमृत धारा (पाठ ९)	• स्पटिषकरण, लिखित कार्य
T.पत्र लेखनम	• पत्रलेखन का प्ररूप
U.समास विग्रह	• नियम व परिवर्तन
V.कारक प्रकरणम	• प्रयोग व भेद
W.लोकोक्ति (पाठ १०)	• स्पटिषकरण, परिचर्चा
X.प्रबन्ध भाग – २	• निबंध रचन
Y.अक्षर प्रकरणम (पाठ ११)	-
Z.संस्कृत अनुवाद	• रचनात्मक लेखन
i) कुदन्त प्रकरणम	• प्रत्सम की जानकारी
ii) पत्र लेखनम	• पत्र का प्ररूप

iii) तडिन्त प्रकरणड	<ul style="list-style-type: none">• धातू रूड् की संरचना
iv) कारक प्रकरणड	<ul style="list-style-type: none">• प्रयोग, परिवर्तन
v) संस्कृत अनुवाद	<ul style="list-style-type: none">• रचनात्मक लेखन
	<ul style="list-style-type: none">• सुजनात्मकता का विकास