

RAJ DEFENCE ACADEMY (7419555444)
SYLLABUS OF SAINIK SCHOOL FOR CLASS - VI

MATHEMATICS

Total Questions – 50

Max Marks- 150

S. No	Topics	S.No	Topics
1	Natural Numbers	14	Conversion of Units
2	LCM and HCF	15	Roman Numerals
3	Unitary Method	16	Types of Angles
4	Fractions	17	Circle
5	Ratio and Proportion	18	Volume of Cube and Cuboids
6	Profit and Loss	19	Prime and Composite Numbers
7	Simplification	20	Plane Figures
8	Average	21	Decimal Numbers
9	Percentage	22	Speed and Time
10	Area and Perimeter	23	Operation on Numbers
11	Simple Interest	24	Complementary and Supplementary Angles
12	Line sand Angles	25	Arranging of Fractions
13	Temperature		

ENGLISH LANGUAGE

Total Question– 25

Max Marks- 50

S. No	Topics	S.No	Topics
1	Comprehension Passage	14	Sentence Formation
2	Prepositions	15	Antonyms
3	Articles	16	Synonyms
4	Vocabulary	17	Adjectives
5	Verbs and Types	18	Interjection
6	Confusing Words	19	Idiom and Phrases
7	Question Tags	20	Collective Nouns
8	Types of Sentences	21	Number
9	Tense forms	22	Gender
10	Kinds of Nouns	23	Adverbs
11	Kinds of Pronouns	24	Rhyming Words
12	Correct Spelling	25	Singular/Plural
13	Ordering of Words in a Sentence		

GENERAL KNOWLEDGE**Total Question – 25****Max Marks - 50**

S.No	Topics	S.No	Topics
1	Different Types of Scientific Devices Used in Daily Life.	15	Concepts on Mountain Terrain and Lifestyle
2	Icons and Symbols of India: National Insignia, National Emblem, Sports, Animal etc. (Elementary awareness of such symbols)	16	Historical Monuments
3	Major Religions of India (Elementary awareness about founder, place of origin, Religious Books and important ideas)	17	Shape of Earth and Gravitation (Basic concepts)
4	Art and Culture (Music, Classical and Folk Dance); Renowned Personalities, Instrumental and Vocal Music, Major Dance Forms	18	Non-Renewable Energy Sources (Fossil Fuels)
5	Defence (Equivalent Ranks in three services, Weapons, Aircraft, Missiles & Warships (Elementary awareness)	19	Food, Culture, Habitat, Languages etc of various regions (Basic concepts)
6	Sports and Games (India & World). Renowned personalities, major competitions and trophies associated with various games	20	Names of young ones of different animals
7	Super Senses (How do plants and Animals sense their surroundings)	21	Functions of Body Parts of Plants and Animals
8	Relationship between Animals and Human Beings	22	International Organizations :- Basic knowledge about Structure, Functioning and objectives of United Nations, World Bank etc.
9	Taste and Digestion (Basic concepts)	23	Indian Literary and Cultural Personalities: Names and fields of achievements
10	Cooking and Preserving Techniques	24	Indian Literary and Cultural Awards. (Names of the award sand recent recipients)
11	Germination and Seed Dispersal	25	Natural Calamities (Flood and Earthquake)
12	Traditional Water Harvesting Techniques	26	Evaporation, Condensation and Water Cycle (Basic concepts)
13	Experiment with Water on Everyday Life	27	Life of Farmers (Farming techniques)
14	Water Pollution and Microbial Diseases	28	Tribal Communities and Forest Produce

INTELLIGENCE**Total Question– 25****Max Marks–50**

S. No	Topic
1	Analogy
2	Number & Alphabet Analogy
3	Classification
4	Coding Decoding
5	Order & Ranking
6	Series
7	Direction Sense Test
8	Mathematical Operations
9	Alphabetical Order of Words
10	Patterns
11	Blood Relations
12	Logical Venn Diagram
13	Clock And Calendar
14	Sitting Arrangement
15	Non-Verbal Intelligence

Section	Topic	No. of Questions	Marks for each Correct answer	Total marks
A	Language	25	2	50
B	Mathematics	50	3	150
C	Intelligence	25	2	50
D	General Knowledge	25	2	50
	Total	125		300

*Language: AISSEE Class 6th can be taken in 13 languages. These are English, Marathi, Hindi, Odiya, Assamese, Punjabi, Bengali, Tamil, Gujarati, Telugu, Kannada, Urdu & Malayalam.

*The Bilingual Questions Paper will be prepared in English and the Selected language.

SYLLABUS OF RASHTRIYA MILITARY SCHOOL FOR CLASS – VI (RMS)

ENGLISH LANGUAGE

Total Question– 50

Max Marks–50

S. No.	Topic
1	Antonyms
2	Synonyms
3	Prepositions
4	Composition
5	Framing Questions
6	Articles
7	Comprehension Passages
8	Affirmative and Interrogative
9	Fill in the blanks
10	Spelling Check
11	Affirmative and Interrogative
12	Para Jumbled
13	Constructions of Sentences
14	Error correction
15	Types of Sentences (Negative, Interrogative, Positive, Exclamatory), etc

MATHEMATICS

Total Question– 50

Max Marks–50

S. No.	Topic
1	Number System (LCM, HCF, Place Values, Smallest and greatest numbers, Rounding off, Number series and patterns, Square, Square roots,
2	Time and work
3	Percentages
4	Profit and Loss
5	Degree Fahrenheit
6	Simple Interest
7	Arithmetic Mean
8	Measurement of Temperature in Degree Celsius
9	Arithmetic Mean
10	Decimal and Fractional (Fundamental Operations, Conversion of Fractions to decimals or percentages, simplifications, comparisons, equivalent fractions, etc)
11	Menstruation (Units of Area and Volume, Area of circle and its circumference, Perimeter and, area of triangle, rectangle, square with diagrams, Volumes of Cube, Solids and cuboid, etc)
12	Geometry (Basic Geometry like Line, Point, Line Segmentation, ray, etc, Circles, Angles, Quadrilaterals and polygons, Interior and exterior of figures, Triangles, Construction of line segments, etc
13	BODMAS
14	Time and work
15	prime factorization

GENERAL KNOWLEDGE

Total Question– 50

Max Marks–50

S. No	Topic
1	History
2	Sports
3	Awards
4	Science and Health
5	Committee and Commission
6	States of India
7	Our Defense Forces
8	Atomic Power Station in India
9	Classical Dances of India

S.No	Topics
10	Books and Authors
11	International Organizations
12	Indian Constitution
13	Environment and Pollution
14	General Science
15	Inventions and Inventors
16	Some Abbreviations
17	Important Towns on Rivers
18	Countries, Capital and Currencies
19	National Park and Wild Life Sanctuaries in India
20	Union Territories
21	Famous Rivers
22	Geography
23	Famous Persons and places, etc
24	Important Dates and days, etc
25	Important Events of World History
26	Reproduction
27	Food
28	Chemical Effects of Electrical Current
29	Electroplating
30	Solar System
31	Natural Phenomena
32	Energy
33	Light
34	Living /Non-Living
35	Materials, etc

INTELLIGENCE

Total Question– 50

Max Marks–50

S. No.	Topic
1	Analogy
2	Number & Alphabet Analogy

3	Classification
4	Coding Decoding
5	Order & Ranking
6	Series
7	Direction Sense Test
8	Mathematical Operations
9	Alphabetical Order of Words
10	Patterns
11	Blood Relations
12	Logical Venn Diagram
13	Clock And Calendar
14	Sitting Arrangement
15	Non-Verbal Intelligence

PAPER PATTERN RASHTRIYA MILITARY SCHOOL – VI (RMS)

Section	Topic	No. of Questions	Marks for each Correct answer	Total marks
A	English	50	1	50
B	Mathematics	50	1	50
C	Intelligence	50	1	50
D	General Knowledge	50	1	50
	Interview			20
	Total	200		220

SYLLABUS SAINIK SCHOOL – IX

INTELLIGENCE

Total Question– 25

Max Marks–50

Questions on Intelligence will be based on analogies (mathematical & verbal), patterns (spatial and mathematical), classification, visual, logical, reasoning etc.

MATHEMATICS**Total Questions-50****Max Marks–200**

S.No	Topics	S.No	Topics
1	Rational Numbers	16	Average, Median, Mode
2	Linear Equations in One Variable	17	Probability
3	Understanding Quadrilaterals	18	Pie Chart
4	Data Handling (Bar Graph and Line Graph)	19	Direct & Inverse Proportions
5	Squares and Square Roots	20	Factorizations
6	Cubes and Cube Roots	21	Introduction to Graph
7	Comparing Quantities (Percentage, Profit and Loss)	22	Unitary Method
8	Algebraic Expressions and Identities	23	Divisibility Exam
9	Area and Perimeters	24	Triangles (Angle Sum Property)
10	Volumes and Surface Areas	25	Parallel Lines
11	Exponents and Powers	26	Simple Interest and Compound Interest
12	Playing with Numbers	27	Time and Work
13	Visualizing Solid Shapes	28	Area and Perimeter of Circles
14	Triangles (Pythagoras Theorem)	29	Algebraic Expression (Addition, Subtraction, Multiplication, Division)
15	Euler's Formula		

ENGLISH**Total Question– 25****Max Marks –50**

S No	Topics	S No	Topics
1	Spotting Errors	17	Sentence Improvement
2	Comprehension Passage	18	Change of sentence as directed
3	Antonyms	19	Sentence Formation
4	Synonyms	20	Types of Sentences
5	Prepositions	21	Phrase and Clauses
6	Articles	22	Kinds of Noun

7	Types of Verbs	23	Adjectives
8	Tense Form	24	Interjection
9	Narration	25	Question Tags
10	Voices	26	Adverbs
11	Modals	27	Conjunctions
12	Confusing Words	28	Conditions
13	Subject-Verb Agreement	29	Comparison of Adjectives
14	Correct Spellings	30	Personal Pronoun
15	Order of words in a sentence	31	Change of Gender
16	Idioms and Phrases	32	Change of Number

GENERAL SCIENCE

Total Question– 25

Max Marks–50

S No	Topics	S No	Topics
1	Fossil Fuel: Coal and Petroleum	14	Micro-Organisms
2	Combustion and Flame	15	Some Natural Phenomenon
3	Cell Structure and Function	16	How to find calorific value of fuel?
4	Reproduction in Plants And Animals	17	Electroplating and Artificial Jewelry
5	Force, Friction and Pressure	18	Relation between types of friction.
6	Sound and its basics	19	Cropping Seasons
7	Reflection and Dispersion of Light	20	Agricultural Practices
8	Metals and Non-Metals	21	Conservation of Plants And Animals
9	Synthetic Fibers and Plastics	22	Biosphere Reserves, National Parks and Sanctuaries
10	Chemical Effects of Electric Current	23	Reaching the age of Adolescence
11	Stars and Solar Systems	24	Changes during Puberty
12	Pollution of Air and Water	25	Endocrine Glands and Hormones
13	Global Warming		Blank

SOCIAL SCIENCE

Total Question– 25

Max Marks–50

S No	Topics	S No	Topics
1	Revolt of 1857	20	Interior of Earth
2	Freedom Fighters	21	Climate Change
3	Important Freedom Movements	22	Earthquakes and Major Land Forms
4	Social and Caste Reforms	23	Types of Rainfall
5	Resources and sustainable development	24	Major Grasslands
6	Rock cycle of the water cycle	25	Types of Forests
7	Pressure and Wind System	26	Means of Transport
8	Land Soil and Water Resources	27	Communication
9	Minerals and Power Resources	28	Life in deserts
10	Indian Constitution and Secularism	29	Panchayat System
11	Importance of Parliament	30	Local Self Government
12	Types of Agriculture	31	Law and Social Justice.
13	Types of Government and Different tiers of Government	32	Judiciary and Criminal Justice System
14	Understanding Markets	33	Marginalization
15	Elections	34	Public Facilities
16	Role of Government in Health	35	Natural Vegetation and Wildlife
17	Delhi Sultanate	36	Industries
18	Mughals	37	Human Resources
19	Bhakti and Sufi Movement	38	Changes in the Arts

PAPER PATTERN SAINIK SCHOOL – IX

Section	Topic	No. of Questions	Marks for each correct answer	Total marks
A	Mathematics	50	4	200
B	Intelligence	25	2	50
C	English	25	2	50
D	General Science	25	2	50
E	Social Science	25	2	50
	Total	150		400

SYLLABUS RASHTRIYA MILITARY SCHOOL – IX
ENGLISH SYLLABUS FOR PAPER-I

Total Question– 50

Max Marks–50

Sr. No.	Topic
1	Grammatical Structure
2	Comprehension & passages
3	Antonyms
4	Synonyms
5	Vocabulary
6	Prepositions
7	Composition
8	Homonyms
9	Framing Questions
10	Articles
11	One word substitution
12	Comprehension Passages
13	Affirmative and Interrogative
14	Fill in the blanks
15	Spelling Check
16	Error correction
17	Grammar (Verbs, Adjectives, Noun, Gender, Structure, etc)

HINDI SYLLABUS FOR PAPER-I

Total Question– 20

Max Marks–20

Sr. No.	Topic

1	वर्ण विचार / वर्तनी विवेक	8	मुहावरे
2	पद परिचय	9	लोकोक्तियाँ
3	वाक्य रचनान्तरण (सरल/संयुक्त/ मिश्र)	10	शब्द विवेक (शब्द प्रयोग में सूक्ष्म अंतर)
4	शब्दभेद (स्रोत / उत्पत्ति)	11	पद भेद (व्याकरणिक कोटि) की पहचान
5	पर्यायवाची शब्द	12	वाक्यांश के लिए एक शब्द
6	विलोम शब्द	13	गद्यांश
7	अशुद्ध वाक्य को शुद्ध करना	14	संधि/समास

SOCIAL SCIENCE SYLLABUS FOR PAPER-I

Total Question– 30

Max Marks–30

S No	Topics	S No	Topics
1	Revolt of 1857	20	Interior of Earth
2	Freedom Fighters	21	Climate Change
3	Important Freedom Movements	22	Earthquakes and Major Land Forms
4	Social and Caste Reforms	23	Types of Rainfall
5	Resources and sustainable development	24	Major Grasslands
6	Rock cycle of the water cycle	25	Types of Forests
7	Pressure and Wind System	26	Means of Transport
8	Land Soil and Water Resources	27	Communication
9	Minerals and Power Resources	28	Life in deserts
10	Indian Constitution and Secularism	29	Panchayat System
11	Importance of Parliament	30	Local Self Government
12	Types of Agriculture	31	Law and Social Justice.
13	Types of Government and Different tiers of Government	32	Judiciary and Criminal Justice System
14	Understanding Markets	33	Marginalization
15	Elections	34	Public Facilities
16	Role of Government in Health	35	Natural Vegetation and Wildlife
17	Delhi Sultanate	36	Industries
18	Mughals	37	Human Resources
19	Bhakti and Sufi Movement	38	Changes in the Arts

MATHEMATICS SYLLABUS FOR PAPER-II

Total Question– 50

Max Marks–50

Sr. No.	Topic
1	Number System (LCM, HCF, Place Values, Smallest and greatest numbers, Rounding off, Number series and patterns, BODMAS, Square, Square roots, cube and cube roots, prime factorization, Conversion of fractions to decimals or percentages and vice-versa, etc)
2	Roman numeration and rounding off numbers
3	Comparison of numbers
4	Greatest and smallest numbers
5	Unitary Method

6	Ratio and Proportion
7	Time, Work, Distance and Displacement
8	Lowest form and equivalent
9	Profit and loss-based problems
10	Circle and its parts
11	Basic geometrical concepts such as point, line, line segment, ray etc
12	Classification of angles
13	Angles, triangles, circles etc
14	Angle sum property of triangles and quadrilaterals
15	Area of Triangles, Rectangle, squares, etc
16	Volume of Cube and cuboid
17	Area of Circle
18	Triangles, quadrilaterals and polygons
19	Conversion of units of Area and volume
20	Interior and exterior of given figures
21	Place value and face value of numbers
22	Temperature Measurement in degree Celsius and degree Fahrenheit
23	Angle sum property of triangles and quadrilaterals, etc

SCIENCE SYLLABUS FOR PAPER-II

Total Question– 50

Max Marks–50

S No	Topics	S No	Topics
1	Fossil Fuel: Coal and Petroleum	14	Micro-Organisms
2	Combustion and Flame	15	Some Natural Phenomenon
3	Cell Structure and Function	16	How to find calorific value of fuel?
4	Reproduction in Plants And Animals	17	Electroplating and Artificial Jewellery
5	Force, Friction and Pressure	18	Relation between types of friction.
6	Sound and its basics	19	Cropping Seasons
7	Reflection and Dispersion of Light	20	Agricultural Practices
8	Metals and Non Metals	21	Conservation of Plants And Animals
	Synthetic Fibres and Plastics		Biosphere Reserves,

9		22	National Parks and Sanctuaries
10	Chemical Effects of Electric Current	23	Reaching the age of Adolescence
11	Stars and Solar Systems	24	Changes during Puberty
12	Pollution of Air and Water	25	Endocrine Glands and Hormones
13	Global Warming		
5	Force, Friction and Pressure	18	Relation between types of friction.
6	Sound and its basics	19	Cropping Seasons
7	Reflection and Dispersion of Light	20	Agricultural Practices
8	Metals and Non Metals	21	Conservation of Plants And Animals
9	Synthetic Fibres and Plastics	22	Biosphere Reserves, National Parks and Sanctuaries
10	Chemical Effects of Electric Current	23	Reaching the age of Adolescence
11	Stars and Solar Systems	24	Changes during Puberty
12	Pollution of Air and Water	25	Endocrine Glands and Hormones
13	Global Warming		

PAPER PATTERN RASHTRIYA MILITARY SCHOOL – IX

Section	Topic	No. of Questions	Marks for each correct answer	Total marks
PAPER -1	English	50	1	50
	Hindi	20	1	20
	Social Science	30	1	30
PAPER -2	Mathematics	50	1	50
	General Science	50	1	50
	Total	200		200

LIST OF 18 NEW SAINIK SCHOOLS

SNO	Name of the School	Location	District	State
1	The Vikasa School	Servaikaramadam, Sawyerpuram	Tuticorin	Tamil Nadu
2	Padmashree Dr. Vitthalrao Vikhe Patil Sainik School	Gogalgaon Road, Lonikhurd, Rahata	Ahmednagar	Maharashtra
3	Shri Brahmanand Vidya Mandir	Chaparada, Visavadar	Junagadh	Gujarat
4	Raj Luxmi Samvid Gurukulam	Bariyan, Nalagarh	Solan	Himachal Pradesh
5	Sangolli Rayanna Sainik School	Sangolli, Bhilhongala	Belagavi	Karnataka
6	Sundari Devi Saraswati Vidya Mandir	Bataha, Udaypur	Samastipur	Bihar
7	Saraswati Vidhya Mandir Higher Secondary School	Sanjeet Marg	Mandsaur	Madhya Pradesh
8	Dayanand Public School	Phase 1 Thuhi Road, Silver City Nabha	Patiala	Punjab
9	Tawang Public School	Lemberdung	Tawang	Arunachal Pradesh
10	Royal International Residential School	H.H-9, Khara-Kheri	Fatehabad	Haryana
11	Netaji Subhas Chandra Bose Military Academy	Mota Randha	Silvassa	Dadra And Nagar Haveli
12	Shri Baba Mastnath Residential Public School	Asthal Bohar	Rohtak	Haryana
13	Adani world school	Krishnapatham, Muthukur Mandal	SPSR Nellore	Andhra Pradesh
14	SK International School	Rethare Dharan, Walwa	Sangli	Maharashtra
15	Shri. Motibhai. R. Chaudhari Sagar Sainik School	Dudhsagar Dairy Campus, Highway Road	Meshana	Gujarat
16	Keshav Saraswati Vidya Mandir	Keshavpuram, Ranipurachak, Marcha- Marchi Road	Patna	Bihar
17	Viveka School of Excellence	Hanchipur Road, Sarugur Taluk	Mysure	Karnataka
18	Vedvayasa Vidyalaya Senior Secondary School	Sree Ramananda Nagar, Malaparamba	Kozhikode	Kerala

LIST OF 33 SAINIK SCHOOLS UNDER THE SAINIK SCHOOL SOCIETY

Ser No	State	Name of Sainik School
1	Andhra Pradesh	Sainik School, Korukonda
2		Sainik School, Kalikiri
3	Arunachal Pradesh	Sainik School, East Siang
4	Assam	Sainik School, Goalpara
5		Sainik School, Nalanda
6	Bihar	Sainik School, Gopalganj
7		Sainik School, Ambikapur
8	Chattisgarh	Sainik School, Balachadi
9	Gujarat	Sainik School, Kunjpura
10		Sainik School, Rewari
11	Haryana	Sainik School, Sujapur Tira
12	Himachal Pradesh	Sainik School, Nagrota
13	J & K	Sainik School, Tilaiya
14	Jharkhand	Sainik School, Bijapur
15		Sainik School, kodaku
16	Karnataka	Sainik School, Kazhakootam
17	Kerala	Sainik School, Rewa
18	Madhya Pradesh	Sainik School, Satara
19		Sainik School, Chandrapur
20	Manipur	Sainik School, Imphal
21	Mizoram	Sainik School, Chhingchhip
22	Nagaland	Sainik School, Punglwa
23		Sainik School, Bhubaneswar
24	Odisha	Sainik School, Sambalpur
25	Punjab	Sainik School, Kapurthala
26		Sainik School, Chittorgarh
27	Rajasthan	Sainik School, Jhunjhunu
28	Tamil Nadu	Sainik School, Amaravathinagar

29		Sainik School, Mainpuri
30		Sainik School, Jhansi
31	Uttar Pradesh	Sainik School, Amethi
32	Uttarakhand	Sainik School, Ghorakhal
33	West Bengal	Sainik School, Purulia

Rashtriya Indian Military College(RIMC) Entrance Exam Syllabus

The written examination of RIMC entrance exam 2019 will consist of three papers (or say it will be conducted in three phases):

- English
- Mathematics
- General Knowledge

The syllabus of the RIMC Entrance Exam consist of test in the subject of **English, Mathematics and General Knowledge.**

Part 1 English

- Common Errors
- Synonyms and Antonyms
- One Word Substitution
- Idioms and Phrases
- Miscellaneous
- Essay Writing
- Letter Writing
- Story Writing

Part 2 Mathematics

- Number System
- HCF and LCM
- Square & Square Root
- Average Ratio & Proportion
- Percentage
- Profit and Loss
- Time and Distance

- Time & Work, Simple Interest
- Basic Operations & Factorization
- Linear Equations
- Set Theory, Lines & Angles
- Triangles, Quadrilateral & Parallelogram
- Polygon
- Mensuration
- Area of Field Book
- Cube and Cuboid

Part 3 General Science

- Physics
- Chemistry
- Biology

Part 4 General Knowledge

- History
- Geography
- General Science
- General Knowledge & IQ TESTS
- Sports

Written Examination

The written part of the examination will consist of three papers:

Paper	English	Mathematics	General Knowledge	Total
Marks	125	200	75	400

Viva Voce

- The interview will be **50 marks** and held for only those candidates who qualify in the written exam.
- The intelligence and personality of the candidates will be tested in the interview.

JNVST Class 6 Exam Pattern 2024

(Section-wise)

Detailed JNVST Class 6th exam pattern which is given in the table below:

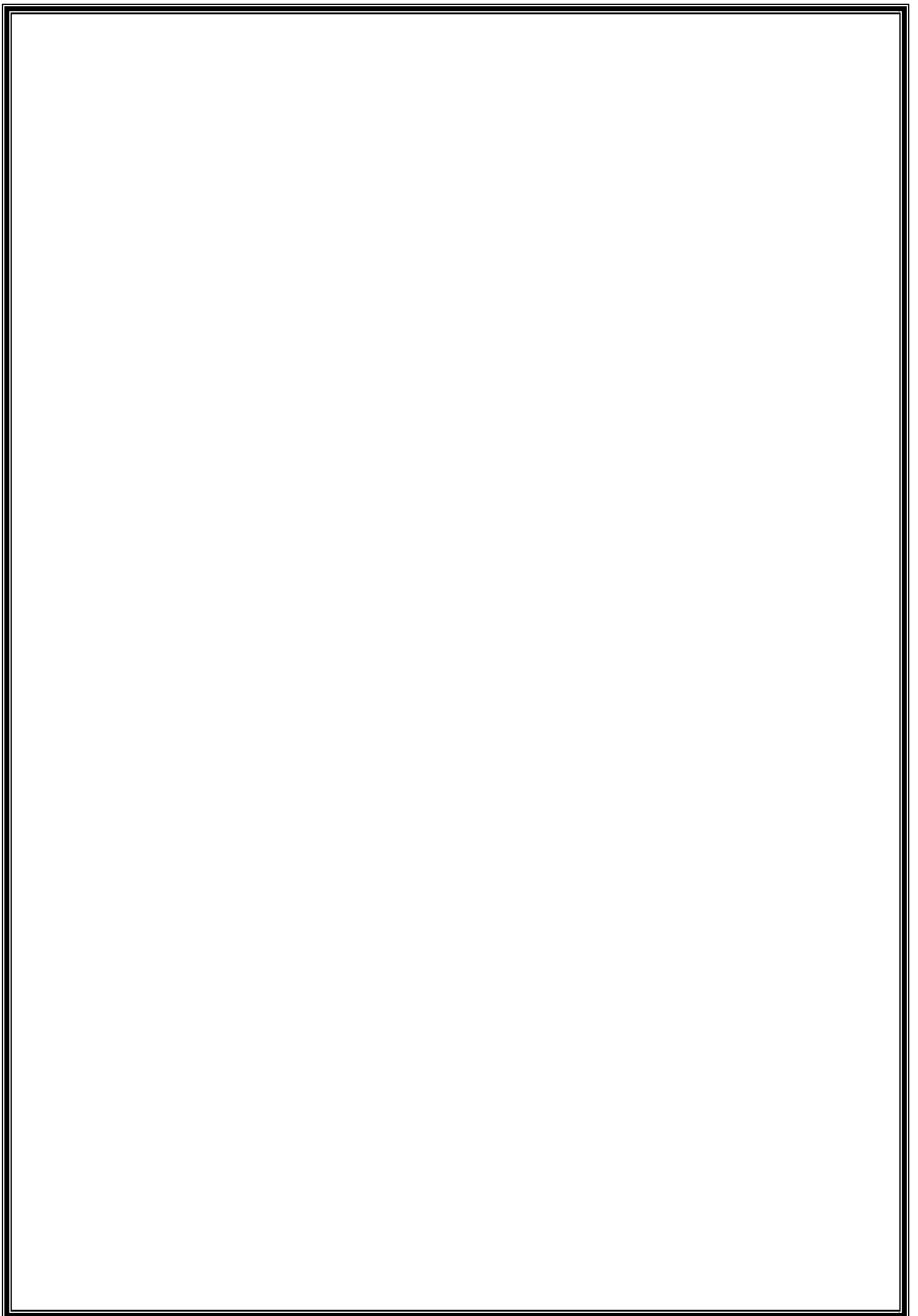
Section-wise NVS Exam Pattern 2024 Class 6

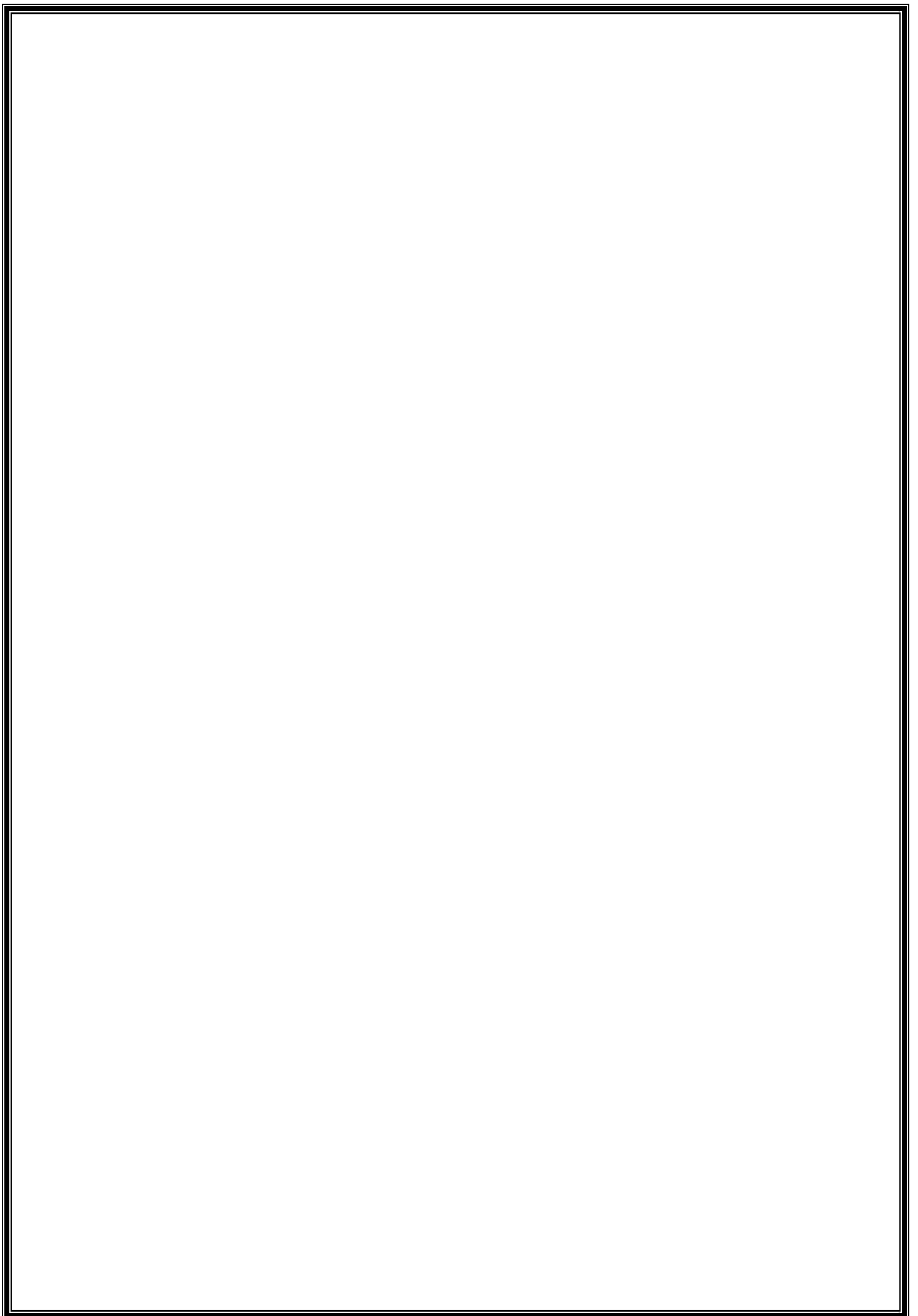
Name of Topics	No. of Questions	Marks	Time
Mental Ability Test	40	50	60 minutes
Arithmetic	20	25	30 minutes
Language Test	20	25	30 minutes
Total	80	100	120 minutes

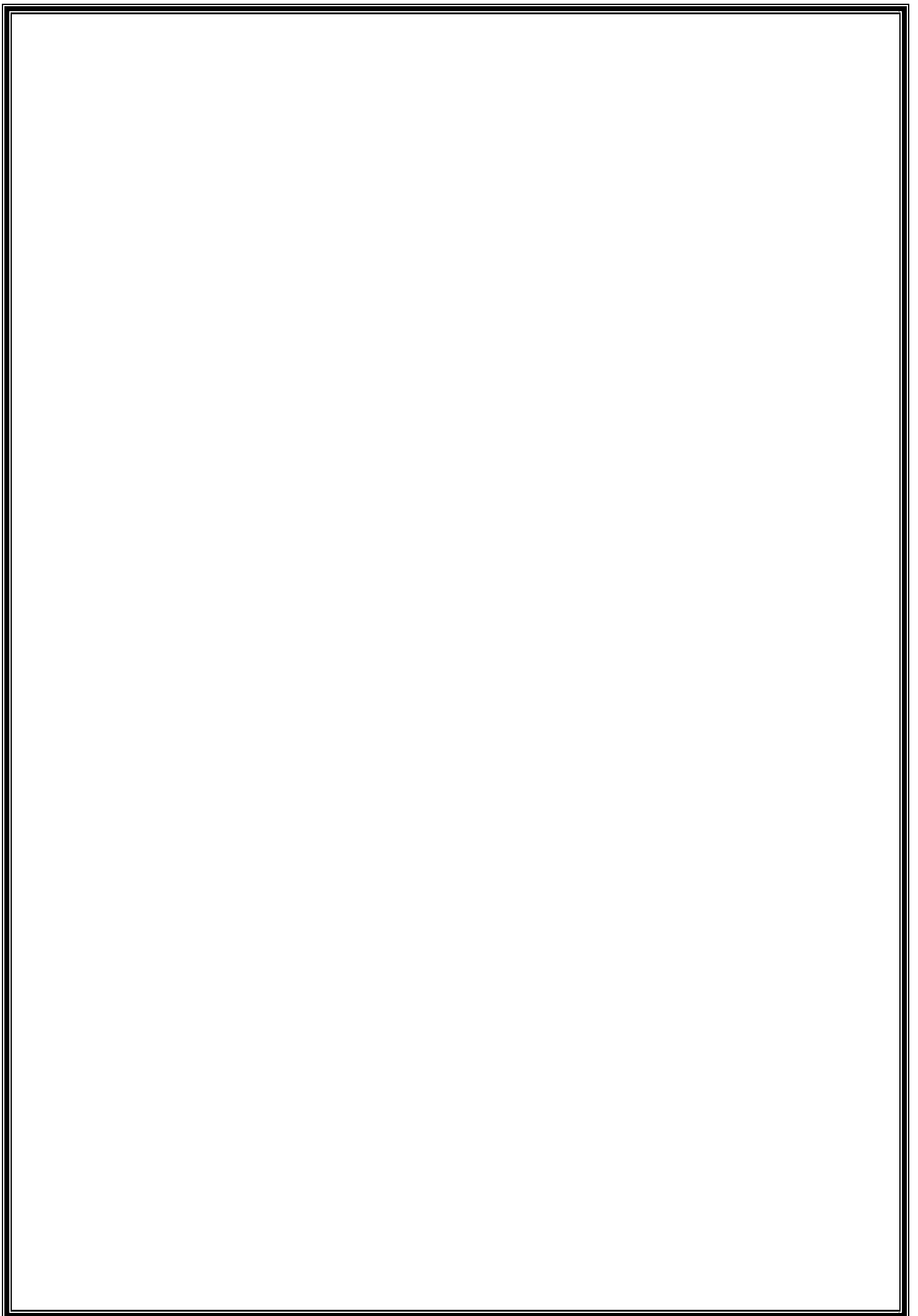
JNVST Class 9 Exam Pattern 2024- Overview

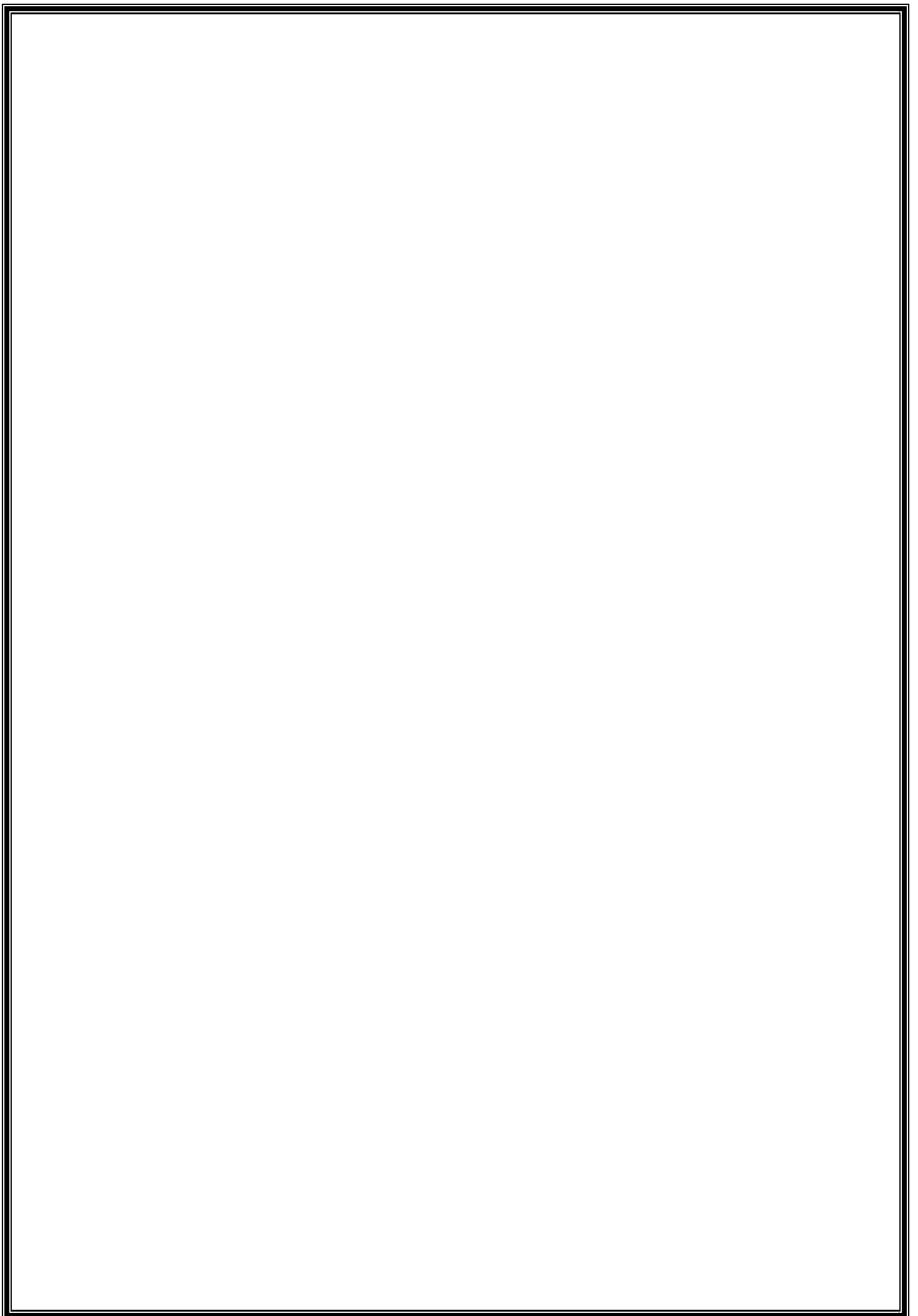
This Exam is necessary for students enrolling in Navodaya Class 9 in 2024. They ought to be familiar with the JNVST Class 9 exam pattern 2024, which is presented below.

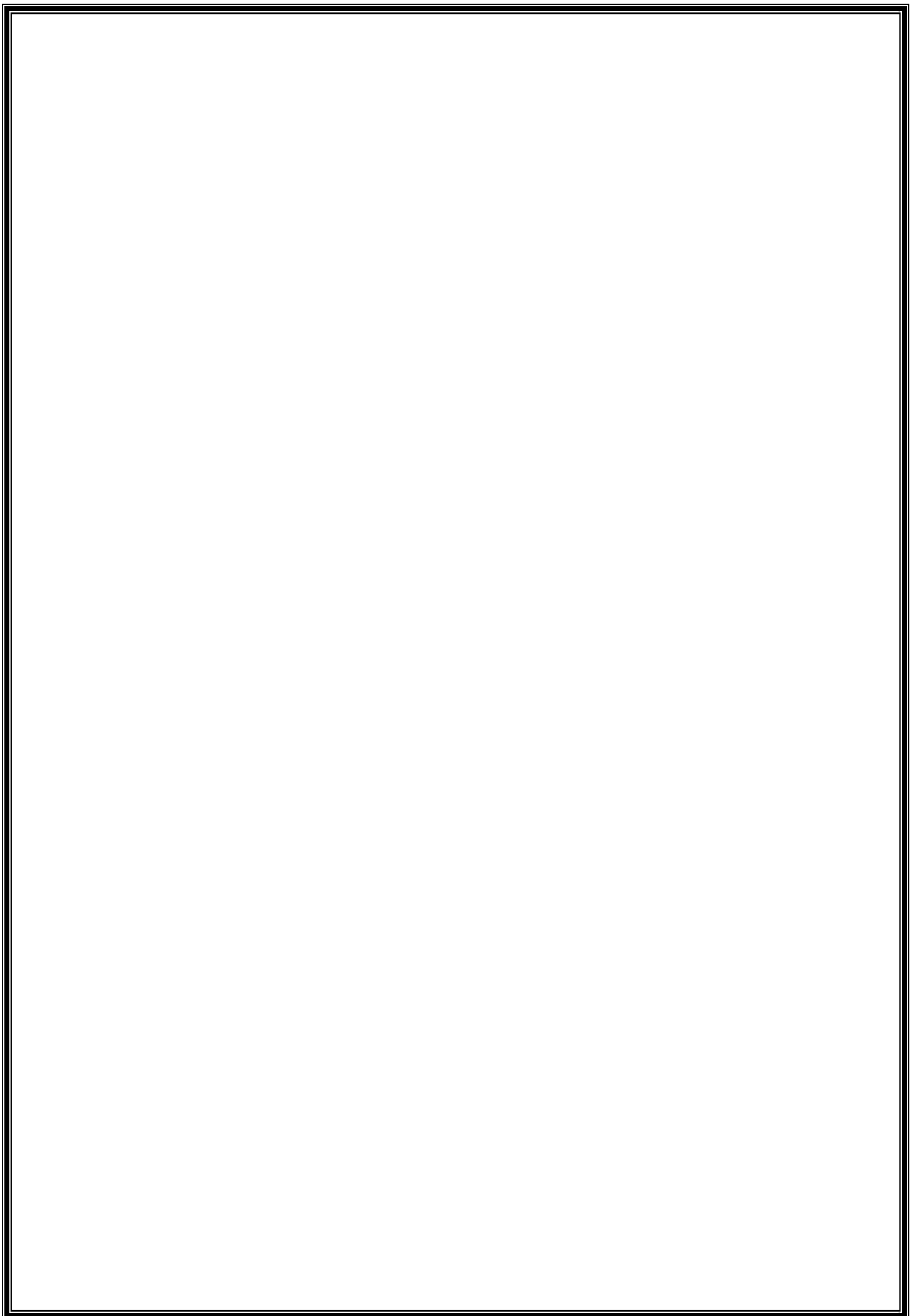
Name of Subject	No. of Questions	Marks	Time
English	15	15	20 minutes
Hindi	15	15	20 minutes
General Science	35	35	55 minutes
Maths	35	35	55 minutes

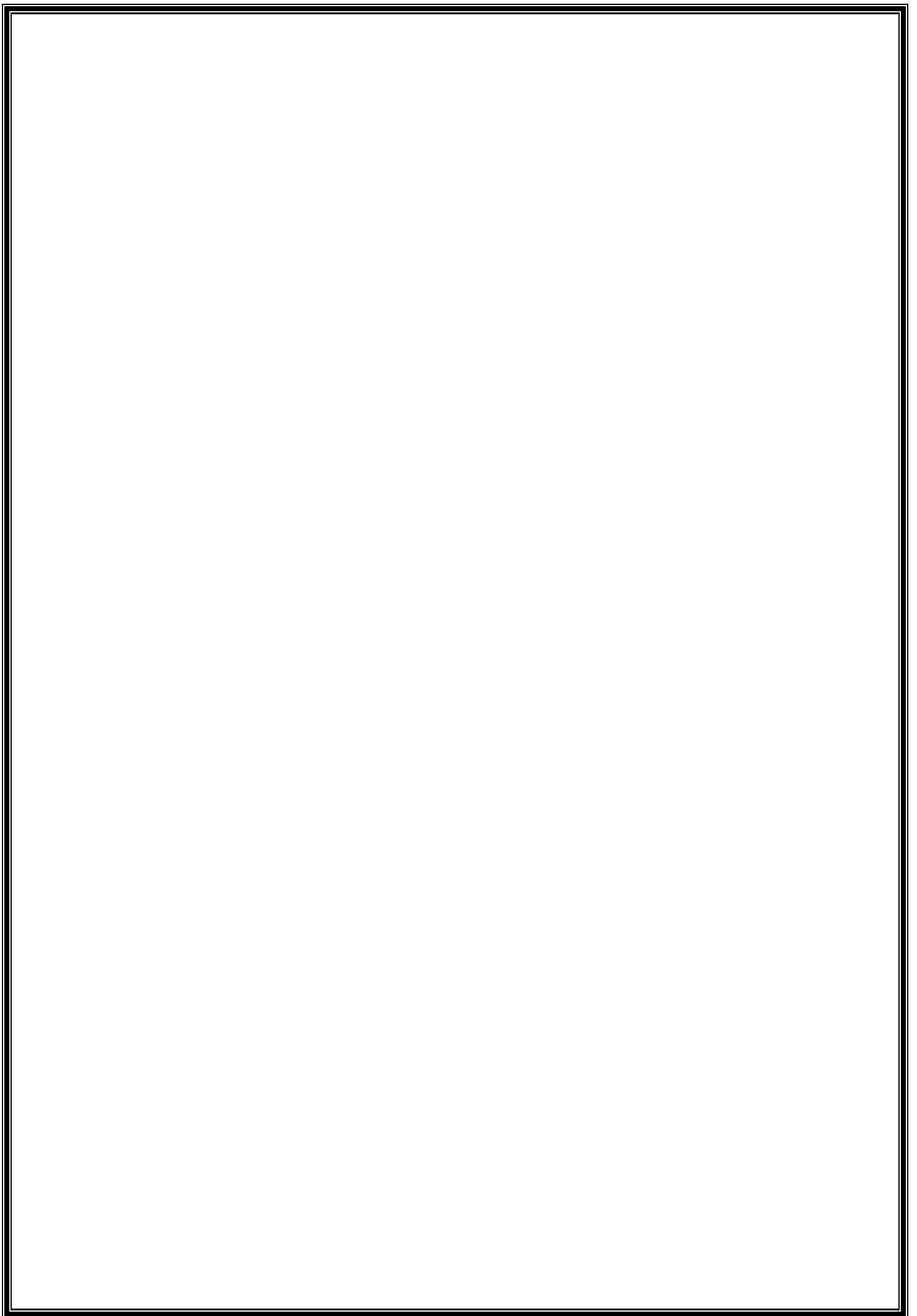




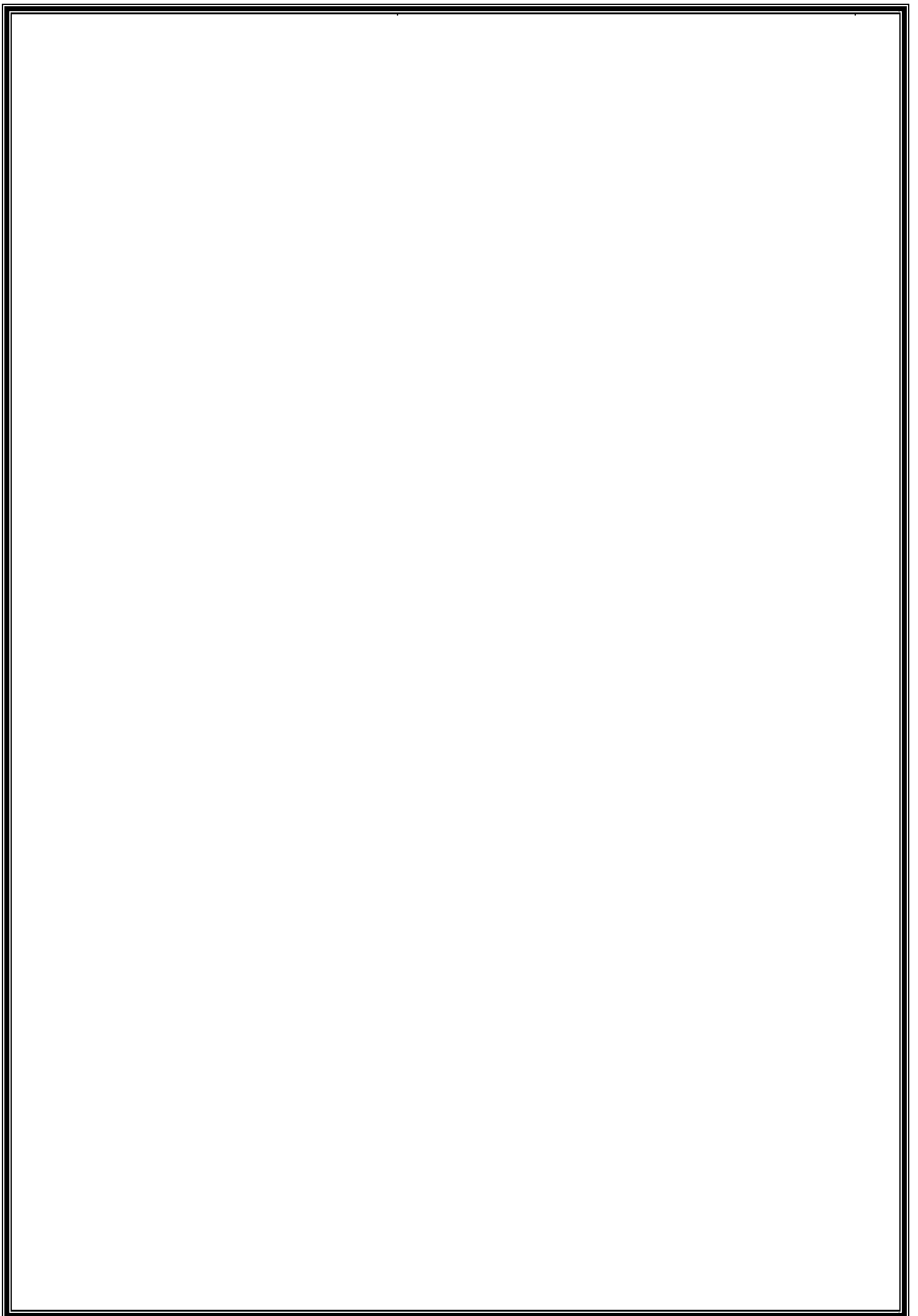






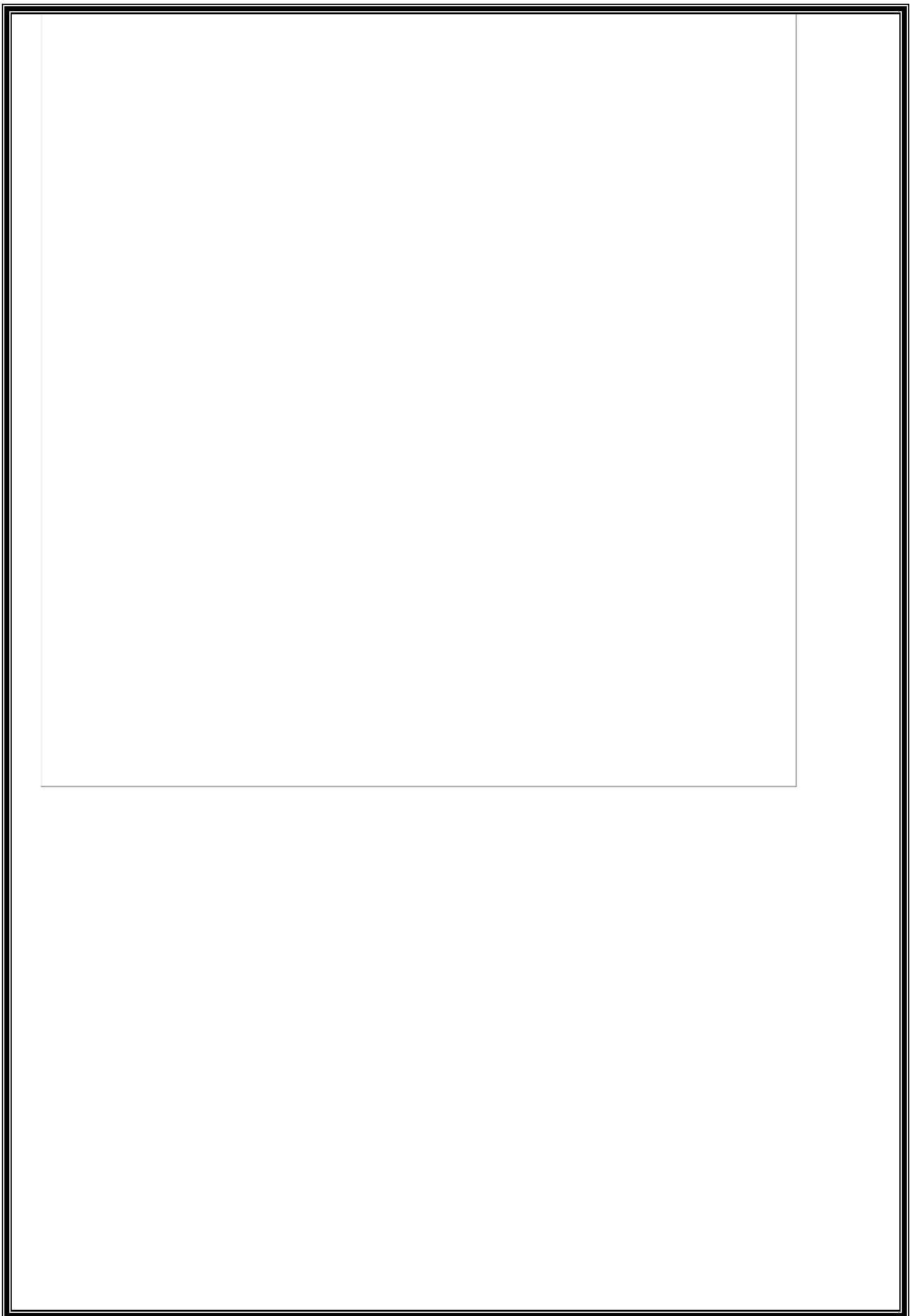


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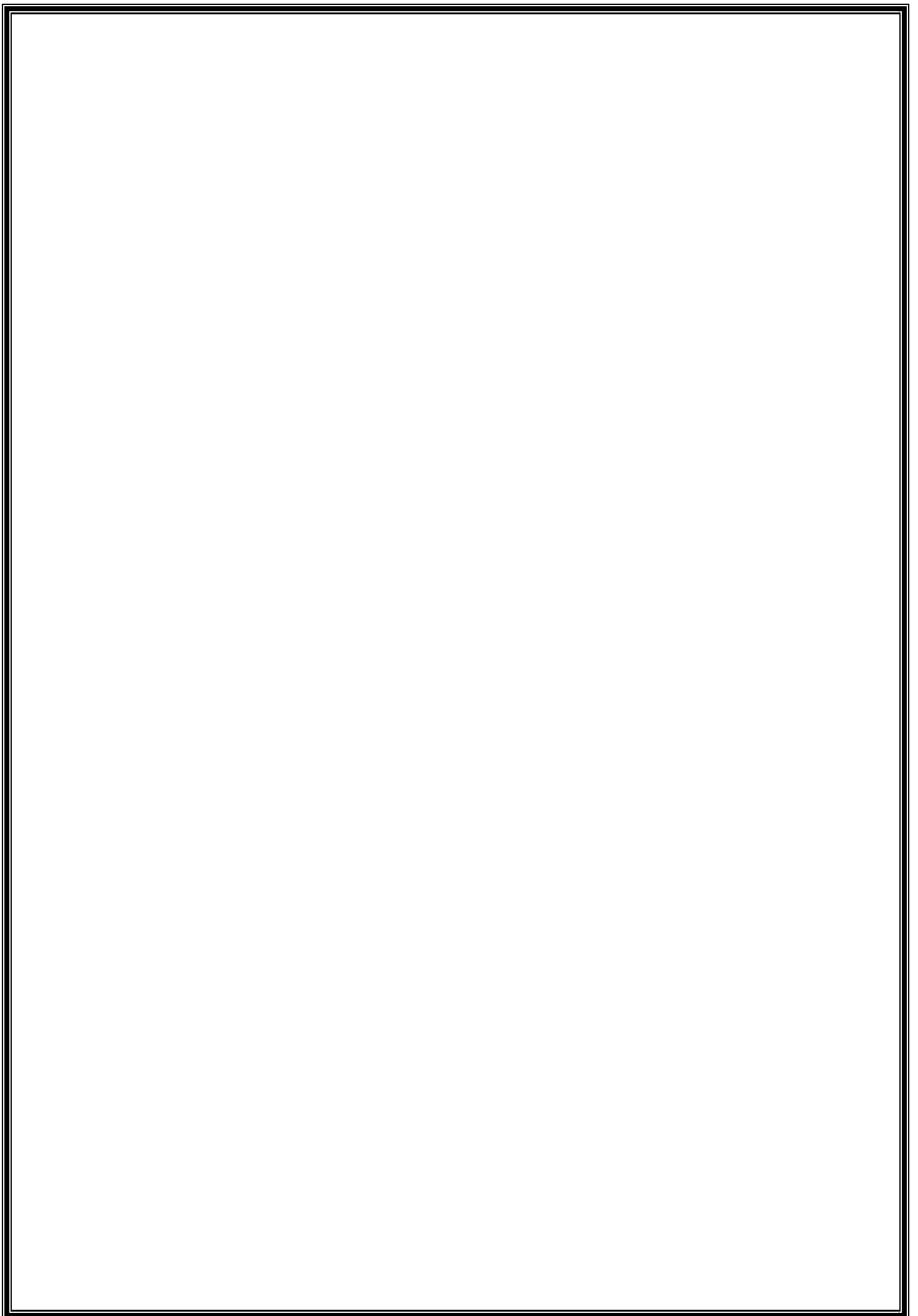
RAJ DEFENCE ACADEMY

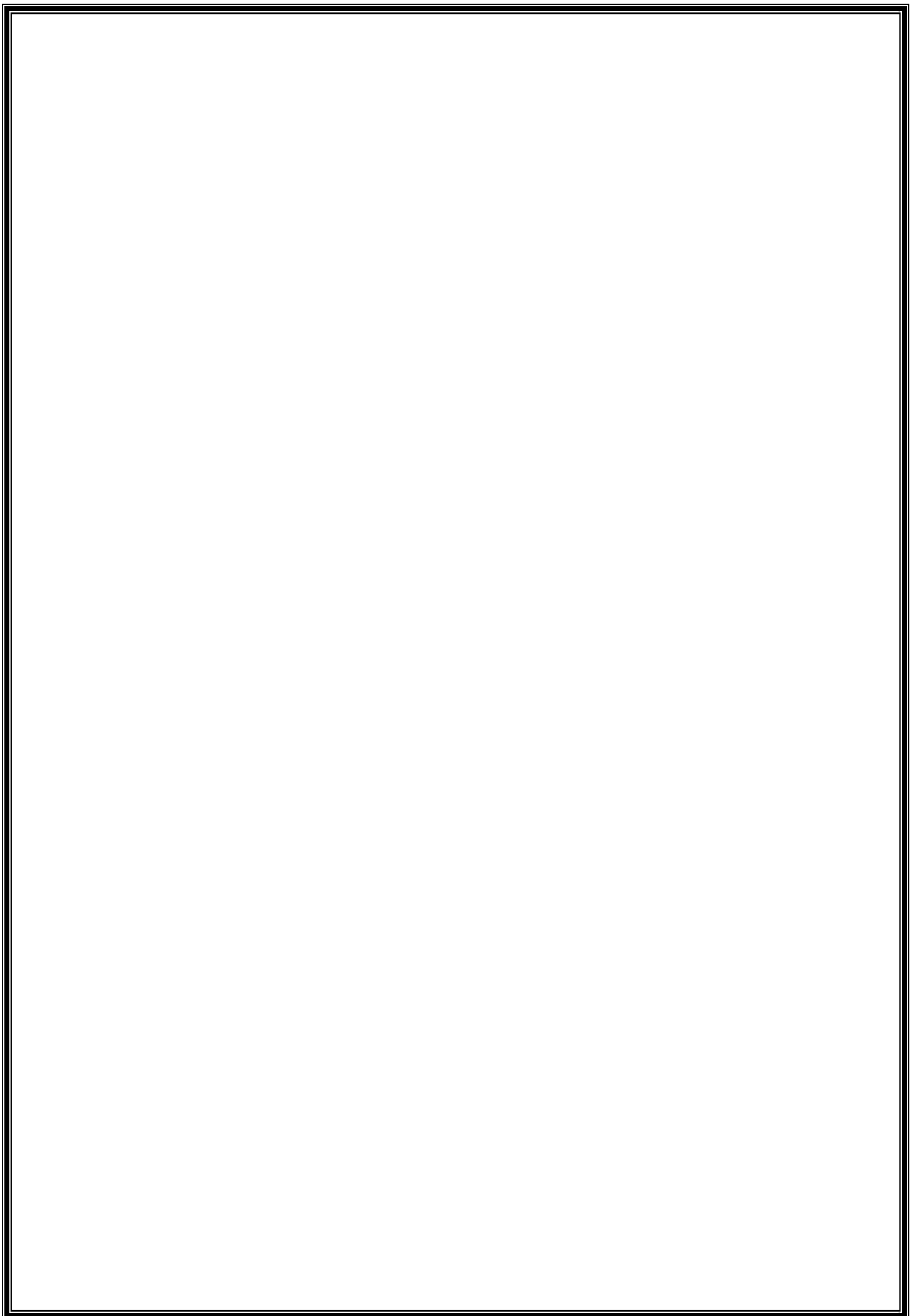
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