BAL BHARATI PUBLIC SCHOOL

COMMON ANNUAL EXAMINATION (2024-2025)

SYLLABUS

CLASS: IX **SUBJECT-** ENGLISH LANGUAGE AND LITERATURE (Code No. 184)

TEXTBOOKS:

1. Beehive

2. Moments

3. WORDS AND EXPRESSIONS – I (WORKBOOK FOR CLASS IX)

S.NO.	UNIT/CHAPTER /TOPIC	SUBTOPICS	WEIGHTAGE
1	Reading Comprehension through Unseen Passage	1. Discursive passage of 400-450 words. 2. Case-based factual passage (with visual input- statistical data/chart etc.) of 200-250 words	**10+10=20 Marks**
2	Grammar	• Determiners • Tenses • Modals • Subject – verb concord • Reported speech o Commands and requests o Statements o Questions Accurate use of spelling, punctuation and grammar will be assessed through Gap Filling/ Editing/Transformation exercises.	**10 Marks**
3	Writing Skills	1. Writing a Descriptive Paragraph (word limit 100-120 words), describing a person / event / situation, based on visual or verbal cue/s. One out of two questions to be answered. 2. Writing a Story (on a given cue/title)/Diary Entry, in 100-120 words. One out of two questions is to be answered	**10 Marks**
4	Language through Literature BEEHIVE	**PROSE** a) The Fun They Had b) The Sound of Music c) The Little Girl d) A Truly Beautiful Mind e) The Snake and the Mirror f) My Childhood	**40 Marks**

	MOMENTS	g) Reach For The Top h) Kathmandu i) If I were You **Poems** a) The Road Not taken b) Wind c) Rain on The Roof d) The Lake Isle of Innisfree e) A Legend of the Northland f) No Men Are Foreign g) On killing a tree h) A Slumber Did My Spirit Seal **Moments** a) The Lost Child b) The adventures of Toto c) Iswaran the Storyteller d) In the kingdom of fools e) The Happy Prince f) The Last Leaf g) A House is not a Home h) The Beggar	
			TOTAL MARKS= 80

FOR CLASS 9:

THEORY (Pen and Paper Test): 80 marks

INTERNAL ASSESSMENT : 20 marks

BAL BHARATI PUBLIC SCHOOL

COMMON ANNUAL EXAMINATION (2024-2025)

SYLLABUS

CLASS: IX **SUBJECT: SOCIAL SCIENCE**

TEXTBOOKS:

1. **History: India and the Contemporary World-I**
2. **Political Science: Democratic Politics-I**
3. **Economics: Economics**
4. **Geography: Contemporary India-I**

S.NO.	UNIT/CHAPTER /TOPIC	SUBTOPICS	WEIGHTAGE
		HISTORY	**25%**
1	Chapter 1 The French Revolution	• French Society During the Late Eighteenth Century • The Outbreak of the Revolution • France Abolishes Monarchy and Becomes a Republic • Did Women have a Revolution? • The Abolition of Slavery • The Revolution and Everyday Life	
2	Chapter 2-Socialism in Europe and the Russian Revolution	• The Age of Social Change • The Russian Revolution • The February Revolution in Petrograd • What Changed after October? • The Global Influence of the Russian Revolution and the USSR	
3	Chapter 3 -Nazism and the Rise of Hitler	• Birth of the Weimar Republic • Hitler's Rise to Power • The Nazi Worldview • Youth in Nazi Germany • Ordinary People and the Crimes Against Humanity	
		POLITICAL SCIENCE	**25%**
1	Chapter 1:What is Democracy? Why Democracy?-	• What Is Democracy? • Features Of Democracy • Why Democracy? • Broader Meanings Of Democracy	

2	Chapter 2: Constitutional Design	• Democratic Constitution In South Africa • Why Do We Need A Constitution? • Making Of The Indian Constitution • Guiding Values Of The Indian Constitution	
3	Chapter 3: Electoral Politics	• Why Elections? • What Is Our System Of Elections? • What Makes Elections In India Democratic?	
4	Chapter 4: Working of Institutions	• How Is A Major Policy Decision Taken? • Parliament • Political Executive • The Judiciary	
5	Chapter 5: Democratic Rights	• Life Without Rights • Rights In A Democracy • Rights In The Indian Constitution • Expanding Scope Of Rights	
		ECONOMICS	25%
1	Chapter 2: People as Resource	• Overview • Economic Activities by Men and Women • Quality of Population • Unemployment	
2	Chapter 3: Poverty as a Challenge	• Overview • Introduction • Poverty as seen by social scientists • Poverty Line • Poverty Estimates • Vulnerable Groups • Inter-State Disparities • Global Poverty Scenario • Causes of Poverty • Anti-Poverty Measures • The Challenges Ahead	
3	Chapter 4: Food Security in India	• Overview • What is food security? • Why food security? • Who are food-insecure • Food Security in India • What is Buffer stock? • What is the Public Distribution System? • Current Status of Public the Distribution System • Role of cooperatives in food security	

	Map work - History	• French Revolution Outline political map of France. Locate/label/identify. Bordeaux, Nantes, Paris and Marseille • Socialism in Europe and the Russian Revolution Outline political map of the World. Locate/label/identify Major countries of First World War: Central Powers: Germany, Austria-Hungary, Turkey (Ottoman Empire). Allied Powers – France, England, Russia and USA • Nazism and the Rise of Hitler Outline Political Map of World. Locate/label/identify Major countries of Second World War Axis: Powers – Germany, Italy, Japan Allied Powers – UK, France, Former USSR, USA	

S.NO.	**UNIT/CHAPTER /TOPIC**	**SUBTOPICS**	**WEIGHTAGE**
		Geography	**25%**
1.	Ch1: India – Size and Location	• Location • Size • Indian and the world • India's Neighbours.	
2.	Ch2: Physical Features of India	Major Physiologic Divisions, • The Himalayan mountains • The Northern plains • The peninsular plateau • The Indian Desert • The coastal Plains • The islands.	
3.	Ch3: Drainage	Drainage • Drainage systems in India • The Himalayan Rivers • The Peninsular Rivers • Lakes • Role of rivers in the Economy • River pollution.	
4.	Ch4: Climate	• Climate and weather • climatic controls • Factors affecting India's climate • The Seasons • The cold weather season • The Hot weather season • Advancing Monsoon	

		● Retreating ● Distribution of Rainfall ● Monsoon as a unifying bond.	
5.	Ch5: Natural Vegetation and Wildlife	Interdisciplinary project (Not To be tested in annual exam)	
6.	Ch6: Population	● Population size and distribution ● India's Population Distribution by Density ● Population Growth and Processes of population change ● Population Growth ● Processes of Population change/Growth ● Birth rate ● Death rate ● Migration ● Adolescent Population ● National Population Policy.	
	Map List (CHAPTER WISE)		
1	Ch1: India: size and location	● India - States and Capital ● Tropic of Cancer, Standard Meridian (Location and Labeling) ● Neighbouring Countries	
2	Ch2: India physical features	● India physical features Mountain Ranges: The Karakoram, The Zanskar, The Shivalik, The Aravali, The Vindhya, The Satpura, Western and EasternGhats ● Mountain Peaks - K2, Kanchan Junga, Anai Mudi ● Plateau - Deccan Plateau, Chota Nagpur Plateau, Malwa Plateau ● Coastal Plains - Konkan, Malabar, Coromandel & Northern Circar (Location and Labelling)	
3	Ch3: Drainage system	Rivers (Identification only) ● The Himalayan River Systems - The Indus, The Ganges and The Sutlej ● The Peninsular Rivers - The Narmada, The Tapti, The Kaveri,The Krishna, The Godavari, The Mahanadi ● Lakes - Wular, Pulicat, Sambar, Chilika .	

4	Ch4: Climate	● Annual rainfall in India, Monsoon wind direction	
5	Ch6: Population	● Population density of all states ● The state having highest and lowest density of population	**TOTAL MARKS= 17+3(map pointing)**

BAL BHARATI PUBLIC SCHOOL

COMMON ANNUAL EXAMINATION (2024-2025) SYLLABUS

CLASS: IX **SUBJECT: SCIENCE**

TEXTBOOKS:
1.Science Textbook for Class IX
2. NCERT EXEMPLAR

S.NO.	UNIT/CHAPTER /TOPIC	SUBTOPICS	WEIGHTAGE
1.	CH-1 MATTER IN OUR SURROUNDINGS	1.1 Physical Nature of Matter 1.2 Characteristics of Particles of Matter 1.3 States of Matter 1.4 Can Matter Change its State? 1.5Evaporation	05
2.	CH-2 Is matter around us pure?	2.1 What is a Mixture?,Types 2.2 What is a Solution?,Types 2.3 Physical and Chemical Changes (excluding separating the components of a mixture). 2.4 What are the Types of Pure Substances?	04
3.	CH-3 ATOMS AND STRUCTURE	3.1 Laws of Chemical Combination 3.2 Atom,Symbols, Atomic mass 3.3 Molecule(Elements & Compounds), Ions 3.4 Formula writing 3.5 Molecular mass, Formula Unit mass	08
4.	CH-4 STRUCTURE OF THE ATOM	4.1 Charged Particles in Matter-Electrons, protons and neutrons 4.2 Structure of an Atom 4.3Electrons Distribution in Orbits 4.4 Valency 4.5 Atomic number and Mass number 4.6 Isotopes, Isobars	08
5.	CH-5 THE FUNDAMENTAL UNIT OF LIFE	5.1 What are Living Organisms Made Up of?	09

		5.2 What is a Cell Made Up of? What is the Structural Organization of a Cell? 5.2.1 Plasma Membrane or Cell Membrane 5.2.2 Cell Wall 5.2.3 Nucleus 5.2.4 Cytoplasm 5.2.5 Cell Organelles 5.2.5 (I) Endoplasmic Reticulum (Er) 5.2.5 (Ii) Golgi Apparatu 5.2.5 (Iii) Lysosomes 5.2.5 (Iv) Mitochondria 5.2.5 (V) Plastids 5.2.5 (Vi) Vacuoles Cell Division	
6.	CH-6 TISSUES	6.1 Are Plants and Animals Made of Same Types of Tissues? 6.2 Plant Tissues 6.2.1 Meristematic Tissue 6.2.2 Permanent Tissue 6.2.2 (I) Simple Permanent Tissue 6.2.2 (Ii) Complex Permanent Tissue 6.3 Animal Tissues 6.3.1 Epithelial Tissue 6.3.2 Connective Tissue 6.3.3 Muscular Tissue 6.3.4 Nervous Tissue	09
7.	CH-12 IMPROVEMENT IN FOOD RESOURCES	12.1 Improvement in Crop Yields 12.1.1 Crop Variety Improvement 12.1.2 Crop Production Management 12.1.2 (I) Nutrient Management 12.1.2 (Ii) Irrigation 12.1.2 (Iii) Cropping Patterns 12.1.3 Crop Protection Management 12.2 Animal Husbandry 12.2.1 Cattle Farming 12.2.2 Poultry Farming 12.2.3 Fish Production 12.2.4 Bee-Keeping	10
8.	CH-07 MOTION	7.1 Describing motion 7.2 Measuring rate of motion 7.3 Rate of change of velocity 7.4 Graphical representation of motion 7.5 Equations of motion 7.6 Uniform circular motion	3

9.	CH-8 FORCE AND LAWS OF MOTION	8.1 Balanced and Unbalanced forces 8.2 First law of motion 8.3 Inertia and Mass 8.4 Second law of motion 8.5 Third law of motion	5
10.	CH-9 GRAVITATION	9.1 Gravitation 9.2 Free fall 9.3 Mass 9.4 Weight 9.5 Thrust and Pressure 9.6 Archimedes'Principle	5
11.	CH-10 WORK AND ENERGY	10.1 Work 10.2 Energy 10.3 Rate of doing work (excluding commercial unit of energy)	7
12.	CH-11 SOUND	11.1 Production of sound 11.2Propagation of sound 11.3Reflection of sound 11.4Range of hearing 11.5Applications of ultrasound	**7**
			TOTAL MARKS= 80

FOR CLASS 9:
THEORY (Pen and Paper Test):80 marks
INTERNAL ASSESSMENT:20 marks

Bal Bharati PUBLIC SCHOOL

COMMON ANNUAL EXAMINATION (2024-2025)

SYLLABUS

CLASS: IX **SUBJECT: MATHEMATICS**

TEXTBOOKS:
1. TEXTBOOK ON MATHEMATICS FOR CLASS IX BY NCERT
2. REFERENCE BOOK EXEMPLAR PROBLEMS BY NCERT

S.NO.	UNIT/CHAPTER /TOPIC	SUBTOPICS	WEIGHTAGE (MARKS)
1.	UNIT I: NUMBER SYSTEMS	REAL NUMBERS: 1. Review of representation of natural numbers, integers, and rational numbers on the number line. Rational numbers as recurring/ terminating decimals. Operations on real numbers. 2. Examples of non-recurring/non-terminating decimals. Existence of non-rational numbers (irrational numbers) such as $\sqrt{2}$,, $\sqrt{3}$ and their representation on the number line. Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number. 3.Definition of nth root of a real number. 4.Rationalization (with precise meaning) of real numbers of the type $\frac{1}{a+b\sqrt{x}}$and $\frac{1}{\sqrt{x}+\sqrt{y}}$ (and their combinations) where x and y are natural number and a and b are integers. 5. Recall of laws of exponents with integral powers. Rational exponents with positive real bases (to be done by particular cases, allowing learner to arrive at the general laws.	10
2.	UNIT II: ALGEBRA	1.POLYNOMIAL: Definition of a polynomial in one variable, with examples and counter examples. Coefficients of a polynomial, terms of a polynomial and zero polynomial. Degree of a polynomial. Constant, linear, quadratic and cubic polynomials. Monomials, binomials, trinomials. Factors and multiples. Zeros of a polynomial. Motivate and State the Remainder Theorem with examples. Statement and proof of the Factor Theorem. Factorization of ax2 + bx + c, a ≠ 0 where a, b and c are real numbers, and of cubic polynomials using the Factor Theorem. Recall of algebraic expressions and identities. Verification of identities	20

		$(x+y+z)^2 = x^2+y^2+z^2+2xy+2yz+2zx$ $(x \pm y)^3 = x^3 \pm y^3 \pm 3xy(x \pm y)$ $x^3 \pm y^3 = (x \pm y)(x^2 \mp xy + y^2)$ $x^3+y^3+z^3-3xyz =$ $(x+y+z)(x^2+y^2+z^2-xy-yz-zx)$ and their use in factorization of polynomials. 2.LINEAR EQUATIONS IN TWO VARIABLES: Recall of linear equations in one variable. Introduction to the equation in two variables. Focus on linear equations of the type ax + by + c=0.Explain that a linear equation in two variables has infinitely many solutions and justify their being written as ordered pairs of real numbers, plotting them and showing that they lie on a line	
3.	UNIT III: COORDINATE GEOMETRY	COORDINATE GEOMETRY: The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations.	04
4.	UNIT IV: GEOMETRY	1. INTRODUCTION TO EUCLID'S GEOMETRY: History - Geometry in India and Euclid's geometry. Euclid's method of formalizing observed phenomenon into rigorous Mathematics with definitions, common/obvious notions, axioms/postulates and theorems. The five postulates of Euclid. Showing the relationship between axiom and theorem, for example: (Axiom) 1. Given two distinct points, there exists one and only one line through them. (Theorem) 2. (Prove) Two distinct lines cannot have more than one point in common. 2. LINES AND ANGLES 1. (Motivate) If a ray stands on a line, then the sum of the two adjacent angles so formed is 180O and the converse. 2. (Prove) If two lines intersect, vertically opposite angles are equal. 3. (Motivate) Lines which are parallel to a given line are parallel 3. TRIANGLES: 1. (Motivate) Two triangles are congruent if any two sides and the included angle of one triangle is equal to any two sides and the included angle of the other triangle (SAS Congruence). 2. (Prove) Two triangles are congruent if any two angles and the included side of one triangle is equal to any two	27

		angles and the included side of the other triangle (ASA Congruence). 3. (Motivate) Two triangles are congruent if the three sides of one triangle are equal to three sides of the other triangle (SSS Congruence). 4. (Motivate) Two right triangles are congruent if the hypotenuse and a side of one triangle are equal (respectively) to the hypotenuse and a side of the other triangle. (RHS Congruence) 5. (Prove) The angles opposite to equal sides of a triangle are equal. 6. (Motivate) The sides opposite to equal angles of a triangle are equal QUADRILATERALS: 1. (Prove) The diagonal divides a parallelogram into two congruent triangles. 2. (Motivate) In a parallelogram opposite sides are equal, and conversely. 3. (Motivate) In a parallelogram opposite angles are equal, and conversely. (13) Periods 4. (Motivate) A quadrilateral is a parallelogram if a pair of its opposite sides is parallel and equal. 5. (Motivate) In a parallelogram, the diagonals bisect each other and conversely. 6. (Motivate) In a triangle, the line segment joining the mid points of any two sides is parallel to the third side and in half of it and (motivate) its converse 6. CIRCLES: 1.(Prove) Equal chords of a circle subtend equal angles at the center and (motivate) its converse. 2.(Motivate) The perpendicular from the center of a circle to a chord bisects the chord and conversely, the line drawn through the center of a circle to bisect a chord is perpendicular to the chord. 3. (Motivate) Equal chords of a circle (or of congruent circles) are equidistant from the center (or their respective centers) and conversely. 4.(Prove) The angle subtended by an arc at the center is double the angle subtended by it at any point on the remaining part of the circle. 5.(Motivate) Angles in the same segment of a circle are equal. 6.(Motivate) If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle. 7.(Motivate) The sum of either of the pair of the opposite angles of a cyclic quadrilateral is 180° and its converse.	

5.	UNIT V: MENSURATION	1. AREAS : Area of a triangle using Heron's formula (without proof) 2. SURFACE AREAS AND VOLUMES : Surface areas and volumes of spheres (including hemispheres) and right circular cones.	13
6.	UNIT VI: STATISTICS	STATISTICS: Bar graphs, histograms (with varying base lengths), and frequency polygons.	06
		TOTAL MARKS = 80	

COMMON ANNUAL EXAMINATION (2024-2025)
SYLLABUS

कक्षा: नवीं **विषय:हिंदी**

पाठ्यपुस्तकें:

1. **स्पर्श भाग-1 (एन. सी. ई. आर. टी., नयी दिल्ली द्वारा प्रकाशित नवीनतम संस्करण)**
2. **संचयन भाग-1 (एन. सी. ई. आर. टी., नयी दिल्ली द्वारा प्रकाशित नवीनतम संस्करण)**
3. **व्याकरण परिचय (फुल मार्क्स पब्लिकेशन)**

S.NO.	UNIT/CHAPTER/TOPIC	SUB TOPICS	WEIGHTAGE (MARKS)
1.	अपठित गद्यांश	1-तर्कपूर्ण गद्यांश 2-भाव-बोध संबंधित गद्यांश	14 अंक
2.	व्यावहारिक व्याकरण	1-शब्द व पद 2-अनुस्वार एवं अनुनासिक शब्द 3-उपसर्ग एवं प्रत्यय 4-स्वर संधि 5-विराम चिह्न 6-अर्थ की दृष्टि से वाक्य भेद	16 अंक
3.	पाठ्यपुस्तक स्पर्श काव्य खंड	1-रैदास के पद 2-रहीम के दोहे 3-गीत-अगीत 4-अग्निपथ 5-नए इलाके में, खुशबू रचते हैं हाथ	11 अंक
4.	पाठ्यपुस्तक स्पर्श गद्य खंड	1-दुख का अधिकार 2-एवरेस्ट: मेरी शिखर यात्रा 3-तुम कब जाओगे, अतिथि 4-वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकटरमन 5-शुक्रतारे के समान	11 अंक
5.	पूरक पाठ्यपुस्तक संचयन	1-गिल्लू 2-स्मृति 3-कल्लू कुम्हार की उनाकोटी 4-मेरा छोटा-सा निजी पुस्तकालय	08 अंक

6.	**रचनात्मक लेखन**	**1-अनुच्छेद लेखन** **2-पत्र लेखन (अनौपचारिक)** **3-चित्र वर्णन** **4-संवाद लेखन**	**20 अंक**
	कुल अंक		**80 अंक**

<u>FOR CLASS 9:</u>

THEORY (Pen and Paper Test):80 marks

INTERNAL ASSESSMENT:20 marks

BAL BHARATI PUBLIC SCHOOL

COMMON ANNUAL EXAMINATION (2024-2025)

SYLLABUS

CLASS: IX SUBJECT: FRENCH

TEXTBOOKS:
1.ENTRE JEUNES-I
2.

S.NO.	UNIT/CHAPTER /TOPIC	SUBTOPICS	WEIGHTAGE
1	La famille	Les verbes , nombres , les articles	
2	Au lycée	Les verbes -S'appeler , Les adjectifs , Les prépositions	
3	Une journée de pauline	Les verbes pronominaux , Les verbes en RE	
4	Les saisons	Le futur simple , le futur proche , l'impératif	
5	Les voyages	Le passé composé , Les prepositions	
6	Les loisirs et les sports	L'interrogation , Ne ….que/ seulement	
7	L'argents de poche	Les négations , Les pronoms personnels , COD , COI	
8	Faire des achats	Le conditionnel de politesse , Les expressions de quantité	
			TOTAL MARKS= 80

FOR CLASS 9:
THEORY (Pen and Paper Test):80 marks
INTERNAL ASSESSMENT:20 marks

Section	Details of Topics/Sections	Types of Questions	Marks
Section – A (Understanding)	1 Unseen prose passage (150 words) Picture / Data Based	True or false Short answer questions Vocabulary search: Noun and verb forms/opposites/ synonyms/adjectives	10
Section – B (Creating)	1 Long composition (informal letter – 80 words) Any 2 short compositions (30-35 words): Message/Describing a person/Recipe/Postcard	Creative long answers	10 (1/3)
		Creative short answers	10 (5 x 2)
Section – C (Application)	Grammar (5 out of 7 questions - for each grammar topic)	Adjectifs démonstratifs	05
		Trouvez la question	05
		Négatifs	05
		Pronoms (COD, COI)	05
		Verbes (Présent, futur simple, impératif, futur proche, passé composé, imparfait, impératif), verbes pronominaux	05
		Pronoms relatifs simples	05
		Short answers 5 x 2	10 (5/7)
Section – D (Remembering and analyzing)	Culture and Civilisation Lessons 1 – 8	MCQ True or False 5 x 1	05
		Match the following 5 x 1	05
		Fill in the blanks 5 x 1 The student will be tested on any two)	(5/7)
		Total marks	80

BAL BHARATI PUBLIC SCHOOL

COMMON ANNUAL EXAMINATION (2024-2025)

SYLLABUS

CLASS: IX **SUBJECT:** INFORMATION TECHNOLOGY

TEXTBOOKS:

1. EMPLOYABILITY SKILL
2. PART B - DEO 402

THEORY (25 MARKS)

S.NO.	UNIT/CHAPTER /TOPIC	SUBTOPICS	WEIGHTAGE
1	PART A: UNIT 5: GREEN SKILLS	• Resources and pollutants • Green Economy • Green skills and green jobs • SDG Goals	5 marks
2	PART B: UNIT 3: DIGITAL DOCUMENTATION	• Creating Document • Applying editing features • Applying formatting features • Working with Tables • Understand and apply Mail Merge	10 marks
3	PART B: ELECTRONIC SPREADSHEET	• Creating spreadsheet • Applying formula 7 Functions on spreadsheet • Cell Addressing • Format Data in spreadsheet • Understanding and applying referencing • Inserting Charts in Spreadsheet	10 Marks
PRACTICAL (25 MARKS)			
• **Practical Assignment from Digital Documentation(10 marks)** • **Practical Assignment from Electronic Spreadsheet (10 marks)** • **Viva (5 marks)**			

BAL BHARATI PUBLIC SCHOOL
COMMON ANNUAL EXAMINATION
(2024-2025) SYLLABUS

CLASS: IX **SUBJECT: Music Vocal**

THEORY (30 MARKS)

S.NO.	UNIT	SUBTOPICS	WEIGHTAGE
1	Unit - 1.1 Unit - 1.2	• DEFINITION OF THE FOLLOWING: SANGEET, DHWANI, NADA, SHRUTI, SWAR, SAPTAK, ALANKAR, THAAT,JATI • DEFINITION OF THE FOLLOWING: LAYA,TALA, MATRA, SAM, TALI, KHALI, VIBHAG, AVARTAN	**10 marks**
2	Unit - 2.1 Unit - 2.2	• DEFINE THE FOLLOWING: RAGA AROHA, AVROHA, PAKAD, VADI, SAMVADI, ANUVADI, VIVADI • DEFINE THE FOLLOWING: SWARMALIKA, LAKSHANGEET,KHYAL	**8 marks**
3	Unit - 4.2 Unit - 5.1	• DESCRIPTION AND ABILITY TO DO TALA-NOTATION OF THE FOLLOWING: TALAS: TEENTAL, EKTAL, KEHARWA, DADRA • ABILITY TO WRITE NOTATION OF COMPOSITIONS	**12 marks**

PRACTICAL (70 MARKS)

- **Practical File (5 marks)**
- **Viva (5 marks)**
- **Practical (60 marks)**

BAL BHARATI PUBLIC SCHOOL

COMMON ANNUAL EXAMINATION (2024-2025)

SYLLABUS

CLASS: IX SUBJECT: ARTIFICIAL INTELLIGENCE

TEXTBOOKS:
ARTIFICIAL INTELLIGENCE
CODE 417| SKILL EDUCATION

THEORY (25 MARKS)

S.NO.	UNIT/CHAPTER /TOPIC	SUBTOPICS	WEIGHTAGE
1.	PART A: UNIT 4: ENTREPRENEUR SKILLS	• Entrepreneur and Entrepreneur Skills • Business Activities • Qualities of an Entrepreneur • Function and Responsibilities of an entrepreneur • Problems of an entrepreneur	**5 Marks**
1	PART A: UNIT 5: GREEN SKILLS	• Natural Resources and Conservation of Natural Resources • Green Economy • Green Skills and Green Jobs • SDG Goals	**5 Marks**
2	PART B: UNIT 3: NEURAL NETWORK	• Introduction to Neural Network • Applications of Neural Network • ANN and BNN • ANN Models • Working of Neural Network	**5 Marks**
3	PART B: UNIT 4: INTRODUCTION TO PYTHON	• Introducing python programming and its applications • Variables, Arithmetic Operators, Expressions, Comparison Operators, logical operators, Assignment Operators, Data Types - integer, float, strings, type conversion, using print() and input() functions) • Flow of control and conditions • Python Lists	**10 Marks**

PRACTICAL (25 MARKS)

- **Practical Assignment from Python Programming (10 marks)**
- **Practical File/ Project File (10 marks)**
- **Viva (5 marks)**