



B.D.M.INTERNATIONAL
SESSION(2022-23)
CLASS -IX
ANNUAL SYLLABUS

ENGLISH	<p>Section A (20 marks)</p> <p>Reading Skills Reading Comprehension through Unseen Passage 20 Marks I. Discursive passage of 400-450 words. (10 marks) II. Case-based passage (with input- statistical data, chart etc.) of 200-250 words. (10 marks)</p> <p>Section B (20 marks)</p> <p>III Grammar (10 Marks)</p> <ul style="list-style-type: none">• Tenses• Modals• Subject – verb concord• Reported speech <p>o Commands and requests o Statements o Questions o Determiners</p> <p>IV Creative Writing Skills(10 marks)</p> <ul style="list-style-type: none">• Writing a Descriptive Paragraph (word limit 100-120 words) on a person/event/situation• Writing a Diary Entry/ Story on a given title in 100-120 words. <p>Section C (40 marks)</p> <p>Beehive</p> <p>Prose</p> <ol style="list-style-type: none">1. The Fun They Had2. The Sound of Music3. The Little Girl4. A Truly Beautiful Mind5. The Snake and the Mirror6. My Childhood7. Reach For The Top8. Kathmandu9. If I were You <p>Poems</p> <ol style="list-style-type: none">1. The Road Not taken2. Wind3. Rain on The Roof4. The Lake Isle of Innisfree5. A Legend of The Northland6. No Men Are Foreign7. On killing a tree8. A Slumber Did My Spirit Seal
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	<p>Moments</p> <ol style="list-style-type: none"> 1. The Lost Child 2. The adventures of Toto 3. Iswaran the Storyteller 4. In the kingdom of fools 5. The Happy Prince 6. The Last Leaf 7. A House is not a Home 8. The Beggar
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MATHEMATICS	<p>*Ch-1-Number system [Ex-1.1,1.2,1.3,1.5,1.6]</p> <p>*Ch-2- Polynomials</p> <p>*Ch-3-Coordinate Geometry</p> <p>*Ch-4-Linear equation in two variables [Ex-4.1, 4.2, 4.3]</p> <p>*Ch-5- Euclid's Geometry</p> <p>*Ch-6-Lines & Angles [Ex-6.1,6.2]</p> <p>*Ch-7-Triangles- [Ex-7.1 ,7.2, 7.3]</p> <p>*Ch-8-Quadrilaterals</p> <p>*Ch-10-Circles</p> <p>*Ch-12-Heron's formula-[Ex-12.1-All , Ex-12.2-only 6,8]</p> <p>*Ch-13-Surface area and volume of cone, sphere and hemisphere-[Ex-13.3 ,13.4,13.7,13.8]</p> <p>*Ch-14-Statistics-[Ex-14.3]</p>
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SCIENCE	<ol style="list-style-type: none"> 1. Chapter 1 Matter in our surroundings 2. Chapter 2 Is Matter Around us pure 3. Chapter 3 Atoms and molecules 4. Chapter 4 Structure of atom 5. Chapter 5 The Fundamental unit of life 6. Chapter 6 Tissues 7. Chapter 8 Motion 8. Chapter 9 Force and laws of motion 9. Chapter 10 Gravitation 10. Chapter 11 Work, Power and Energy 11. Chapter 12 Sound 12. Chapter 15 Improvement in food resources
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**SOCIAL
SCIENCE**

HISTORY

1. The French Revolution
2. Socialism in Europe and the Russian Revolution
3. Nazism and the Rise of Hitler
4. Forest Society and Colonialism
5. Pastoralists in the Modern World

GEOGRAPHY

1. India: Location & Size
2. Physical Features of India
3. Drainage
4. Climate
5. Natural Vegetation and Wild Life
6. Population

POLITICAL SCIENCE

1. What is Democracy? Why Democracy?
2. Constitutional Design
3. Electoral Politics
4. Working of Institutions
5. Democratic Rights.

ECONOMICS

1. The Story of Village Palampur
2. People as Resource
3. Poverty as a Challenge
4. Food Security in India

LIST OF MAP ITEMS

HISTORY

Chapter-1: The French Revolution

Outline Political Map of France (For locating and labeling / Identification) Bordeaux, Nantes, Paris, Marseilles.

Chapter-2: Socialism in Europe and the Russian Revolution : Outline Political Map of World (For locating and labeling / Identification) Major countries of First World War (Central Powers and Allied Powers) Central Powers - Germany, Austria-Hungary, Turkey (Ottoman Empire), Allied Powers - France, England, Russia, U.S.A.

Chapter-3: Nazism and Rise of Hitler

Outline Political Map of World (For locating and labeling / Identification) Major countries of Second World War Axis Powers – Germany, Italy, Japan, Allied Powers – UK, France, Former USSR, USA, Territories under German expansion (Nazi Power) Austria, Poland, Czechoslovakia (only Slovakia shown in the map), Denmark, Lithuania, France, Belgium.

GEOGRAPHY (Outline Political Map of India)

Chapter -1: India-Size and Location

India-States with Capitals, Tropic of Cancer, Standard Meridian (Location and Labelling)

Chapter -2: Physical Features of India

Mountain Ranges: The Karakoram, The Zasker, The Shivalik, The Aravali, The Vindhya, The Satpura, Western & Eastern Ghats

Mountain Peaks – K2, Kanchan Junga, Anai Mudi

Plateau - Deccan Plateau, Chotta Nagpur Plateau, Malwa Plateau

Coastal Plains - Konkan, Malabar, Coromandal & Northern Circar (Location and Labelling)

Chapter -3: Drainage Rivers: (Identification only)

The Himalayan River Systems-The Indus, The Ganges, and The Satluj,

The Peninsular Rivers-The Narmada, The Tapi, The Kaveri, The Krishna, The Godavari, The Mahanadi Lakes: Wular, Pulicat, Sambhar, Chilika.

Chapter - 4: Climate

Areas receiving rainfall less than 20 cm and over 400 cm (Identification only)

Chapter - 5: Natural Vegetation and Wild Life

Vegetation Type: Tropical Evergreen Forest, Tropical Deciduous Forest, Thorn Forest, Montane Forests and Mangrove- For identification only

National Parks: Corbett, Kaziranga, Ranthambor, Shivpuri, Kanha, Simlipal & Manas

Bird Sanctuaries: Bharatpur and Ranganthitto

Wild Life Sanctuaries: Sariska, Mudumalai, Rajaji, Dachigam (Location and Labelling)

Chapter - 6: Population (location and labelling)

The state having highest and lowest density of population.

BENGALI	<p>1.Comprehension 2.Report writing 3.Notice writing</p> <p>4.a)Swarasandhhi (jukto and bijukto) b)correction of words and sentences c)Transformation of sentences (Astorthok+Nastorthok)</p> <p>Prose 5.Chhuti 6.Chithi 7.Daam</p> <p>Poetry 8.Ei jibon 9.Kheya 10.Janmobhumi aj</p> <p>11.Rapid reader chapter (1-10)</p>
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HINDI	<ul style="list-style-type: none"> • Apathit Gadyansh • Apathit padyansh <p><u>Vyakaran</u></p> <ul style="list-style-type: none"> • Upsarg- Pratyay • Samaas • Arth ke Adhaar par Vaakya bhed • Alankaar(Anupras, Yamak, Upama aur Rupak) <p>Lekhan kaushal</p> <ul style="list-style-type: none"> • Aupcharik aur Anaupcharik Patra • Anuchhed lekhan • Aupcharik - e-mail • Laghu katha lekhan <p>•Suchana lekhan</p> <ul style="list-style-type: none"> • Sambad lekhan <p><u>Kavya - khand</u></p> <ul style="list-style-type: none"> • <u>Sakhiyan evam sabad (1)</u> • <u>Vakh</u> • Raskhan ke sawaiye • Kaidi aur Kokila • Gramsree • Megh aaye • Bachche kam par ja rahe hai <p><u>Gadya - khand</u></p> <ul style="list-style-type: none"> •Do Bailo ki katha •Lahasa ki Ore •Upbhokta vaad ki Sanskriti •Saanwle Sapnon ki Yaad
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•Premchand ke phate jute

•Mere Bachpan ke din

Kritkika

•Is Jal pralay me

- Mere sang ki aurtein
- Rid ki Haddi

AI

Unit 1: Introduction to AI

- Excite
- Relate
- Purpose
- Possibilities
- AI Ethics

Unit 2: AI Project Cycle

- Problem Scoping
- Data Acquisition
- Data Exploration
- Modelling