

PRINCE ACADEMY OF HIGHER EDUCATION

PRINCE OLYMPIAD SYLLABUS (40%) (2022-2023)

CLASS	ENGLISH	MATHS	SCIENCE	S.ST.	MENTAL ABILITY
VIII	1. TENSES 2. NOUN 3. PRONOUN 4. VERB 5. ADVERB 6. PREPOSITION 7. ORDER OF WORDS AND CLAUSES	1. RATIONAL NUMBERS 2. LINEAR EQUATION IN ONE VARIABLE 3. UNDERSTANDING QUADRILATERALS. 4. DATA HANDLING. 5. SQUARES AND SQUARE ROOTS. 6. CUBES AND CUBE ROOTS.	CH. 1. CROP PRODUCTION AND MANAGEMENT CH. 2. MICROORGANISMS CH. 3. SYNTHETIC FIBRES AND PLASTICS CH. 4. MATERIALS - METALS AND NON-METALS CH. 5. COAL AND PETROLEUM CH. 6. COMBUSTION AND FLAME CH. 7. CONSERVATION OF PLANTS AND ANIMALS	SOCIAL SCIENCE : OUR PAST - III (HISTORY) CH. 1. HOW, WHEN AND WHERE CH. 2. FROM TRADE TO TERRITORY THE COMPANY ESTABLISHES POWER (EXCLUDING ELSEWHERE) CH. 3. RULING THE COUNTRYSIDE (EXCLUDING ELSEWHERE) SOCIAL AND POLITICAL LIFE - III (CIVICS) CH. 1. THE INDIAN CONSTITUTION CH. 2. UNDERSTANDING SECULARISM CH. 3. WHY DO WE NEED A PARLIAMENT? RESOURCES AND DEVELOPMENT (GEOGRAPHY) CH. 1. RESOURCES CH. 2. LAND, SOIL, WATER, NATURAL VEGETATION AND WILDILIFE RESOURCES CH. 4. AGRICULTURE	1. CODING - DECODING 2. ALPHABET TEST 3. DIRECTION TEST 4. CLOCK 5. CLASSIFICATION 6. ANOLOGY TEST 7. SERIES 8. COUNTING THE FIGURE 9. MIRROR IMAGE OF FIGURE 10. WATER IMAGE OF FIGURE
IX	TOPICS : 1. TENSES 2. MODALS 3. SUBJECT : VERB CONCORD 4. REPORTED SPEECH	CH. 1. NUMBER SYSTEMS CH. 2. POLYNOMIALS CH. 3. COORDINATE GEOMETRY CH. 4. LINEAR EQUATION IN 2 VARIABLES. CH. 5. EUCLID'S GEOMETRY CH. 6. LINES & ANGLES	CH. 1. ATOMS AND MOLECULES CH. 2. STRUCTURE OF THE ATOM CH. 3. FUNDAMENTAL UNIT OF LIFE CH. 4. TISSUE CH. 5. MOTION	HISTORY 1. THE FRENCH REVOLUTION 2. SOCIALISM IN EUROPE AND THE RUSSIAN REVOLUTION GEOGRAPHY 1. INDIA SIZE AND LOCATION 2. PHYSICAL FEATURES OF INDIA 3. DRAINAGE POLITICS 1. WHAT IS DEMOCRACY? WHY DEMOCRACY ? 2. CONSTITUTIONAL DESIGN ECONOMICS 1. THE STORY OF VILLAGE PALAMPUR 2. PEOPLE AS RESOURCE	1. CODING - DECODING 2. ALPHABET TEST 3. DIRECTION TEST 4. CLOCK 5. CLASSIFICATION 6. ANOLOGY TEST 7. SERIES 8. COUNTING THE FIGURE 9. MIRROR IMAGE OF FIGURE 10. WATER IMAGE OF FIGURE

CLASS	ENGLISH	MATHS	SCIENCE	S.ST.	MENTAL ABILITY
X	<p>* TO CHECK THE ABILITY TO COMPREHEND OF THE STUDENTS : COMPREHENSIVE PASSAGE.</p> <p>* FOR TESTING THE MENTAL APPROACH OF THE ASPIRANTS REGARDING THE GRAMMATICAL RULES : TENSES, MODALS.</p>	<p>CH. 1. REAL NUMBERS CH. 2. POLYNOMIALS</p> <p>CH. 3. PAIR OF LINEAR EQUATIONS IN TWO VARIABLES</p> <p>CH. 4. QUADRATIC EQUATIONS</p> <p>CH. 5. ARITHMETIC PROGRESSIONS CH. 6. TRIANGLES (SIMILARITY OF TRIANGLES)</p>	<p>CH. 1. CHEMICAL REACTIONS AND EQUATIONS.</p> <p>CH. 2. ACIDS, BASES AND SALTS.</p> <p>CH. 3. LIFE PROCESSES.</p> <p>CH. 4. CONTROL AND COORDINATION.</p> <p>CH. 5. LIGHT- REFLECTION AND REFRACTION.</p>	<p>HISTORY :-</p> <p>1. RISE OF NATIONALISM IN EUROPE.</p> <p>2. NATIONALISM IN INDIA. GEOGRAPHY :</p> <p>1. RESOURCE & DEVELOPMENT.</p> <p>2. FOREST & WILDLIFE RESOURCES CIVICS :</p> <p>1. POWER SHARING</p> <p>2. FEDERALISM ECONOMICS :</p> <p>1. DEVELOPMENT</p> <p>2. SECTORS OF INDIAN ECONOMY.</p>	<p>1. CODING - DECODING</p> <p>2. BLOOD RELATION</p> <p>3.DIRECTION TEST</p> <p>4.CALENDAR</p> <p>5. CLOCK</p> <p>6. DICE</p> <p>7. SERIES</p> <p>8. VENN DIAGRAM</p> <p>9. MISSING NUMBER</p> <p>10. COUNTING THE FIGURE</p>

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