

## **SYLLABUS FOR ENTRANCE TEST 2022-23,**

**D.A.V. CENTENARY PUBLIC SCHOOL, SEC-12, HUDA, PANIPAT.**

### **Important Instructions:**

- 1. Students who seek admission in classes from Nursery to 2<sup>nd</sup> will be given admission on the bases of interview.**
- 2. There will be a written test and interview for admission in classes 3<sup>rd</sup> to XI<sup>th</sup>.**
- 3. Written test will be consisting of multiple choice questions in all the subjects except English, for which mode of question paper will be descriptive.**

### **CLASS-3<sup>rd</sup>**

ENGLISH-Reading -Short Passage, Writing-Few lines, Grammar-Noun-Pronoun, Adjective, Prepositions.

HINDI- व्याकरण-वचन बदलो, विलोम शब्द, वाक्य बनाओ \_

- अनुच्छेद लेखन -प्रिय त्योहार, प्रिय फल व्याकरण

MATH- Odd / Even, Addition, Subtraction, Multiplication & some mental math

EVS & GK- Animals and birds, My family, Our country, Types of houses.

### **CLASS-4<sup>th</sup>**

ENGLISH-Writing- Short Paragraph, Grammar- Noun & Verbs (under line), Gender,

Articles (fill-ups),

HINDI- व्याकरण-लिंग बदलो, विलोम शब्द, अनेक शब्दों के लिए एक शब्द, समान अर्थ वाले शब्द वाक्य बनाओ.

MATH- Numbers up to 9999, Multiplication, Division, Money, Length

SCIENCE- My body, Parts of a plant, Leaf, Animals, Water, Methods of cooking food.

SOCIAL SCIENCE- Our Dresses, Beautiful Homes, Conquering, Distances, Closing Distances,

I am Proud to be an Indian

### **CLASS-5th**

ENGLISH-Reading - Short comprehension passage, Writing- Paragraph writing, Grammar - Tenses, Adjective, Punctuation

MATH- Place Value, Operations, Fraction, Time & Calendar, Mensuration, Angle.

SCIENCE- Our Body, Plants, Flowers, Trees, Insects, Birds and nests.

SOCIAL SCIENCE- Directions, Travel and tours, Let us travel, India -Our Motherland

### **CLASS-6<sup>th</sup>**

ENGLISH-Reading-Comprehension passage, Writing-Paragraph writing, Grammar-Tenses.

MATH- Fraction Factors, Decimals, Simplification

SCIENCE- Air, Fuels, Food and health, Our solar system.

SOCIAL SCIENCE- Respecting Regional Differences, Exploring India, Transport in Modern India, Communication in Modern times + G.K.

### **CLASS-7<sup>th</sup>**

ENGLISH-Reading- Comprehension, Writing- Short Paragraph, Grammar- Tenses, Adjectives

MATH- Linear equation, Unitary method, Area and perimeter, Factors and multiples, Integers, Algebra.

SCIENCE- Nature of matter, Food, Separation of matter, Changes around us, The World of living.

SOCIAL SCIENCE- Representation and Realms of the earth, Our Urban government, India the land of monsoon climate, The Gupta period + G.K.

### **CLASS-8th**

ENGLISH-Reading- Comprehension, Writing- Letter writing, Grammar- Tenses, Prepositions, Jumbled words

MATH- Operations of rational numbers, Area, Algebra, Data handling, Exponents & Powers.

SCIENCE- Nutrition in animals, Acids, bases and salts, Motion and time, Transportation in plants and animals, Reproduction in plants, Electric current and its effects.

SOCIAL SCIENCE- Components of environment, The Earth ; surface, interior and changes on it, Regional powers and rise of small kingdom, The Mughal empire, Our state governments + GK

### **CLASS-9th**

ENGLISH- Reading-Comprehension, Writing-Paragraph writing, Grammar-Tenses, Jumbled words

MATH- Square and Square-root, Cube and Cube-root, Compound interest, Surface area and volume, Introduction to graph, Exponent.

SCIENCE- Electric current and its chemical effects, Synthetic fibres and plastics, Sound, Light, Force and pressure, Microorganisms.

SOCIAL SCIENCE- Natural Resources & their Development, Vegetation and Wildlife, Our Constitution, Fundamental Rights & Directive Principles, The Union Government: The Judiciary + G.K.

### **CLASS-10th**

ENGLISH-Reading-Comprehension, Writing-Paragraph writing, Grammar-Tenses, Reported Speech

MATH- Number System, Polynomials, Introduction to 3-D geometry, Statistics, Probability.

SCIENCE- Fundamental Unit of life, Tissues, Why do we fall ill?, Atoms and Molecules, Structure of atom, Work and Energy, Force and Laws of Motion

SOCIAL SCIENCE- Climate, Electoral Politics, Working of Institutions, Poverty, Russian Revolution, Nazism & Rise of Hitler + G.K.

### **CLASS-11th**

ENGLISH-Reading- Comprehension, Writing- Paragraph writing, Grammar- Tenses, Reported Speech.

MATH- Statistics, Trigonometry, Probability, Co-ordinate Geometry, A.P.

PHYSICS- Electricity, Light.

CHEMISTRY- Chemical reaction, Acid, bases and salts, Metals and nonmetals

BIOLOGY- Life processes, Heredity, How do organisms reproduce.

SOCIAL SCIENCE & GK- Natural Resources & their Development, Development, Our Constitution, Sectors of Indian economy, Nationalist movement in India + G.K.

ECONOMICS & GK- Development, Sectors of Indian economy, Money and credit + GK.