

D A V PUBLIC SCHOOLS, ODISHA ZONE – II
D A V S A T (2019 – 20)
SYLLABUS
STD – I

Sl No.	Subject	1 st Aptitude (03 . 08 . 19)	2 nd Aptitude (02 . 11 . 19)
1	ENGLISH	1)Making of a new word by changing the middle letter 2)missing vowels 3)prepositions 4)Rhyming words 5)Sound blends (ee,ll&sh) 6)use of capital letters & full stop 7)Unscramble the jumbled words 8)Correct order of sentence	1)Oppositewords 2)Making of a new word from a given word 3)Making of a new word from the last letter 4)use of he ,she& it 5)Sound blends(ng ,th,ck&ss)
2	MATHS	1. Number names (1-40) 2. before ,between &after number (1-50) 3. comparison of numbers and objects 4. Number series and sequence.	1. Number names 1-70 2. Shapes (sides, corners ,faces) 3. Length &weight
3	EVS	1)Function of body parts &sense organs 2)Ways to keep our body clean &healthy 3)Kinds of food –healthy &unhealthy food 4)Different rules for healthy living. 5)Seasonal clothes	1)Types of houses 2)Importance &types of family 3)Duties of family members for a healthy& happy family life 4)Importance &types of Festivals
4	NON VERBAL REASONING	Ordering ,pattern (Figure Based)	Matching of figures ,Odd one out
5	GK	Ch 1-4 pg no7-20	Ch 1-11 pg no 7-39

NB. The portion of 2nd aptitude test also includes the portion of 1st aptitude test.

TIME : 50 mins.

NO.OF QUESTIONS : 50

TOTAL MARK : 50

MARK DISTRIBUTION

- | | |
|-------------------------|----------|
| 1. English | 12 Marks |
| 2. Math | 13 Marks |
| 3. EVS | 10 Marks |
| 4. GK | 10 Marks |
| 5. NON VERBAL REASONING | 5 MARKS |

D A V PUBLIC SCHOOLS, ODISHA ZONE – II
D A V S A T (2019 – 20)
SYLLABUS
STD – II

Sl No.	Subject	1 st Aptitude (03 . 08 . 19)	2 nd Aptitude (02 . 11 . 19)
1	ENGLISH	1)Use of correct vowels 2)use of is, am ,are ,has &have 3)prepositions 4)putting words in correct order 5)replacing words 6)riddles 7)naming words 8)doing words	1)rhyiming words 2)describing words 3)opposite words 4)similar meaning words 5)past tense 6)Choosing the correct verb
2	MATHS	1)Numerals 2)Expanded form 3)ordinal numbers 4)before ,between &after number(Numbers up to 999) 5)place values 6) Number series and sequence.	1)addition &subtraction 2)money 3)Odd &even numbers
3	EVS	1)Identification &function of body parts 2)good habits for personal cleanliness 3)Importance, sources &types of food 4)Seasonal clothes & clothes worn by people around us. 5)Importance &types of houses uses of different rooms in a house , ways to keep the house clean	1)importance of our neighbourhood . 2)Classification of plants 3)Classification of animals and their importance 4)Characteristics of living &non - living things
5	NON-VERBAL REASONING	Ordering, Pattern (Figure Based)	Matching the shapes ,odd one out
6	GK	Ch 1-4 pg no 7-19	Ch 1-10 pg no 7-39

NB. The portion of 2nd aptitude test also includes the portion of 1st aptitude test.

TIME :50 mins.

NO.OF QUESTIONS : 50

TOTAL MARK : 50

MARK DISTRIBUTION

1. English	12 Marks
2. Math	13 Marks
3. EVS	10 Marks
4. GK	10Marks
5. NON VERBAL REASONING	5 Marks

D A V PUBLIC SCHOOLS, ODISHA ZONE – II**D A V S A T(2019 – 20)****SYLLABUS****STD – III**

Sl No.	Subject	1st Aptitude (03 . 08 . 19)	2nd Aptitude (02 . 11 . 19)
01	ENGLISH	1.Naming words 2.Replacing words 3.How many? (numbers)	1.Describing words 2.Verbs 3.Prepositions.
02	MATHS	1.Numerals and number names(9,999). 2.Predecessor & Successor, 3.Comparison of numbers 4. Place value ,Expanded form ,Addition ,Subtraction & Multiplication,day,date&time 5. Number series and sequence.	1.Money (Addition & Subtraction),Division, 2.Length(conversion, Addition and Subtraction)
03	SCIENCE	1.Sense organs & their functions, 2.Plants around us 3.Functions and uses of leaf.	1.Importance of plants 2.Animals.
04	GK	1.Language and literature.pg 1 to 09(books &authors) 2.Environment around .(p g 10 to 23) (importance of food)	1.World around- pg 24 to 26 (important festival of India)
05	COMPUTER	1.Getting started 2.Fundamentals of computer 3.Keyboard 1	1.Touch typing-play with Text Editor.
06	NON-VERBAL REASONING	1.Analogy 2.Repeating Patterns (Figure based)	1.Growing Patterns 2. Reducing Patterns.(Figure based)

NB. The portion of 2nd aptitude test also includes the portion of 1st aptitude test.

TIME :50 mins.

NO.OF QUESTIONS : 50

TOTAL MARK : 50

MARK DISTRIBUTION

1. English 10 Marks
 2. Math 10 Marks
 3. EVS 10 Marks
 4. GK 10 Marks
 5. Computer 05 Marks
 6. Nonverbal Reasoning 05 Marks
- .

D A V PUBLIC SCHOOLS, ODISHA ZONE – II
D A V S A T (2019 – 20)
SYLLABUS
STD – IV

SI No.	Subject	1 st Aptitude (03 . 08 . 19)	2 nd Aptitude (02 . 11 . 19)
01	ENGLISH	1.Namingwords 2.Gender, 3.Pronouns	1.Prepositions, 2.Describingwords 3.,Determiners, 4.Verbs.
02	MATHS	1.Period, 2.Place & Place Value of 6 digit number 3. Comparison of Numbers, Addition & Subtraction, 4.Multiplication,Length and Weight	1.Capacity 2.,Division, 3.Time & Calendar (conversion of hour-mins, Day-hours, Leap year, before and after time)
03	SCIENCE	1.Digestive system 2. Process of digestion 3. Flower and Fruits 4.Function of different parts of plant, tap root ,Fibrous root ,aerial root. 5. Number series and sequence.	1.Types of plants according to their habitant 2.Birds-Beaks and Claws, Insects.
04	GK	1.Language& Literature. (Pg-1 to 13)	1.Environment Around pg-14 to 26 2.World Around pg-27 to 32
05	COMPUTER	1.Computer –A machine 2.More on Tux paint	1.Exploring Tux paint. 2.LOGO -1
06	NON-VERBAL REASONING	1.Analogy 2.Repeating Patterns (Figure based)	1.Growing Patterns 2. Reducing Patterns.(Figure based)

NB. The portion of 2nd aptitude test also includes the portion of 1st aptitude test.

TIME :50 mins.

NO.OF QUESTIONS : 50

TOTAL MARK : 50

MARK DISTRIBUTION

1. English	10 Marks
2. Math	10 Marks
3. EVS	10 Marks
4. GK	10 Marks
5. Computer	05 Marks
6. Nonverbal Reasoning	05 Marks

D A V PUBLIC SCHOOLS, ODISHA ZONE – II
D A V S A T(2019 – 20)
SYLLABUS
STD – V

SI No.	Subject	1 st Aptitude (03 . 08 . 19)	2 nd Aptitude (02 . 11 . 19)
01	ENGLISH	1.Nouns 2.Determiners 3.Comparisons 4.Verbs	1.Adverbs 2.present perfect tense 3.Sentences.
02	MATHS	1.International& Indian system, 2.Place Value,Period,place, 3.Multiples and factors,HCF,LCM, 4.Odd&Even,Prime &Composite.properties of Add,Sub,Mult&Divi (Operation of large nos.) 5.Types of Fraction,Add& Sub of fraction,mult . & Division of Fraction 6.Conversion of temperature 7. Number series and sequence.	1.Properties of triangles, 2.Types of triangles, 3.Decimals,Operation of decimals.
03	SCIENCE	1.Breathing system,skeletal system,sense organs, 2.Types of reproduction in plants, 3.Seed dispersal, 4.Importance of forests, 5.Animals our friends, food and health.	1.Causes and prevention of spoilage of food,Food preservation . 2.Importance of water.
04	GK	1.Language & Literature (p g 1to 13) 2. Environment Around (p g 14 to 25)	1. World Around (p g 26 to 30)
05	COMPUTER	1.Know your computer 2.Organizing your work 3.More operations in writer (open office .org)	1. Writing with styles and colours (open office .org-Write)
06	NON-VERBAL REASONING	1.Analogy 2.Repeating Patterns (Figure based)	1.Growing Patterns 2.Reducing Patterns.(Figure based)

NB. The portion of 2nd aptitude test also includes the portion of 1st aptitude test.

TIME : 50 mins.

NO.OF QUESTIONS : 50

TOTAL MARK : 50

MARK DISTRIBUTION

1. English	10 Marks
2. Math	10 Marks
3. EVS	10 Marks
4. GK	10 Marks
5. Computer	05 Marks
6. Nonverbal Reasoning	05 Marks

D A V PUBLIC SCHOOLS, ODISHA ZONE – II

D A V S A T(2019 – 20)

SYLLABUS

STD – V I

Sl No.	Subject	1st Aptitude (03 . 08 . 19)	2nd Aptitude (02 . 11 . 19)
1	MAT	Series (4),Ranking(4),Missing number(5)	Analogy(5),Ages(4),Coding/decoding(4)
2	English	1.synonyms/antonyms 2.subject -verb agreement 3.change adjective into abstract noun 4. prepositions 5. tag question 6. tenses-(part-i) 7. past and past participle form of a given verb 8.determiners	1. tenses –(part-ii and iii) 2. modals 3. conditionals 4. passive voice 5. synonyms/antonyms 6. prepositions 7. subject- verb agreements 8. past and past participle form of a given verb
3	Maths	1.Natural number, whole number, Roman numerals 2. Operation of numbers, simplification factors,multiples,coprime,prime,composites ,H.C.F, L.C.M.and its properties, test of divisibility. Ratio and proportion, unitary method.	1. Percentage and its application 2. Angles ,types of angles, complimentary and supplementary angles 3. Transversal and pair of line 4. Integers and operation of integers. 5. Introduction to Algebra.
4	Science	1.Our environment 2. Nature of matter 3. Measurement and motion 4.Methods of separation 5.World of living	1. Changes around us 2. Light and shadow 3. Work and energy 4. Structure and function of living organism-Plants
5	SST	1.Evolution of solar system,planets,stars,constellations,asteroids and meteors 2.Studying the past-Archeological sources, literary sources 3. Community life-The family,neighbourhood,school	1.Representation of earth-Globe,map,components of earth 2.Locating places on earth-Longitude,latitude,grid 3. Life of early man-paleolithic,Mesolithic,Neolithic period 4. Democracy and government

NB. The portion of 2nd aptitude test also includes the portion of 1st aptitude test.

TIME :50 mins.

NO.OF QUESTIONS : 50

TOTAL MARK : 50

MARK DISTRIBUTION :

1 .MAT	13 Marks
2. English	12 Marks
3. Maths	08 Marks
4. Science	09 Marks
5. SST	08 Marks

D A V PUBLIC SCHOOLS, ODISHA ZONE – II**D A V S A T (2019 – 20)****SYLLABUS****STD – VII**

Sl No.	Subject	1 st Aptitude (03 . 08 . 19)	2 nd Aptitude (02 . 11 . 19)
1	MAT	Analogy (5), blood relations(4), sequence(4)	Ranking(5), series(4), Coding/decoding(4)
2	English	1. synonym, antonym 2. use of appropriate word 3. tense (use of correct verb form) 4. spell check 5. preposition	1. synonym, antonym 2. modals 3. articles 4. passive voice 5. use of correct words
3	Maths	1. Rational numbers, compare representation of rational number on number line, operation on rational number, representation of rational number as decimal. 2. triangle and types of triangle Inequality of triangles 3. operation of algebraic expressions. factorisation	1. line of symmetry and its properties 2. nets of solids 3. Euler's formula 4. laws of exponents, exponential equation 5. application of percentage 6. Linear Equation
4	Science	1. nutrition in living organism in plants and animals 2. heat 3. motion and time 4. chemical substances and processes 5. water	1. respiration in organism 2. fabric from fibre 3. transportation in plants and animals 4. acid, bases and salts
5	SST	1. components of environment, spheres of environment 2. sources of information about Mediaeval period 3. democracy and equality- preamble, adult franchise, reservation, programmes started by Govt	1. The rise of small kingdoms in North India-administration, socio economic condition of the people of South India, areas flourished during Cholas and Pandyas. 2. Earth and the changes on it-agent of gradation, external forces and formation of soil. 3. our state Government 4. Media the Mainstay of Democracy

NB. The portion of 2nd aptitude test also includes the portion of 1st aptitude test.**TIME :50 mins.****NO.OF QUESTIONS : 50****TOTAL MARK : 50****MARK DISTRIBUTION :**

1 .MAT	13 Marks
2. English	12 Marks
3. Maths	08 Marks
4. Science	09 Marks
5. SST	08 Marks

D A V PUBLIC SCHOOLS, ODISHA ZONE – II

D A V S A T (2019 – 20)

SYLLABUS

STD – VIII

Sl No.	Subject	1st Aptitude (03 . 08 . 19)	2nd Aptitude (02 . 11 . 19)
1	MAT	Coding/decoding (5), blood relations(4), ranking(4)	Analogy(5), series(4), sequence(4)
2	English	1.synonym,antonym 2.tense(use of correct form of verb) 3.modals 4.use of appropriate word 5.subject-verb agreement	1.synonym,antonym 2.spell check 3.active and passive voice 4.one word substitution 5.preposition
3	Maths	1.square and square root 2.cube and cube root 3.parallal lines 4.direct and inverse variation 5.profit,loss and discount	1.mensuration 2.exponents and radicals 3.compound interest 4. polynomial 5. Application of Linear equation
4	Science	Physics- Types and effect of force,Pressure,Friction Chemistry-Sources of energy,combustion,flame Biology- beneficial microbes, Different type of crops and different agricultural activities.	Physics- Chemical effect of electric current, refraction and dispersion of light. Chemistry- Air pollution, Metals and non metals. Biology-Conservation of plants and animals, Asexual reproduction.
5	SST	1.Classification,utilization and conservation of resource, multipurpose river valley project, soil resources 2.Source of information of the Modern period 3.Establishment of East India company ,Carnatic war, Mysore war, Maratha war, conquest of Bengal, Anglo sikh wars 4. our constitution	1.Classification of resources, land use pattern, multipurpose river valley purpose river valley, soil resources ,land resources ,water resources,Natural vegetation and wild life. 2.Source of information of the Modern period, ,Carnatic war, Mysore war, Maratha war, conquest of Bengal, Anglo sikh wars 3. . our constitution 4.Colonialism and Urban changes 5.The union government :the legislature

NB. The portion of 2nd aptitude test also includes the portion of 1st aptitude test.

TIME :50 mins.

NO.OF QUESTIONS : 50

TOTAL MARK : 50

MARK DISTRIBUTION :

1 .MAT	13 Marks
2. English	12 Marks
3. Maths	08 Marks
4. Science	09 Marks
5. SST	08 Marks

D A V PUBLIC SCHOOLS, ODISHA ZONE – II**D A V S A T (2019 – 20)****SYLLABUS****STD – IX**

SI No.	Subject	1 st Aptitude (03 . 08 . 19)	2 nd Aptitude (02 . 11 . 19)
1	MAT	<ul style="list-style-type: none">➤ Visual reasoning,➤ Numerical reasoning,➤ Verbal Analysis,➤ Spatial recognition Test,➤ Sequential Reasoning test,➤ Direction Sense Test	<ul style="list-style-type: none">➤ Visual reasoning,➤ Numerical reasoning,➤ Verbal Analysis,➤ Spatial recognition Test,➤ Sequential Reasoning test,➤ Direction Sense Test
2	ENGLISH	<ul style="list-style-type: none">➤ Antonym and Synonym.➤ One word substitution.➤ Tense.➤ Idiom.➤ Determiners.	<ul style="list-style-type: none">➤ Antonym and Synonym.➤ One word substitution.➤ Preposition.➤ Spell Check.➤ Modals.
3	MATHS	<ul style="list-style-type: none">➤ Number System➤ Polynomials➤ Coordinate Geometry➤ Heron's formulae.	<ul style="list-style-type: none">➤ Lines and Angles.➤ Triangles➤ Linear Equations in two variables.
4	Physics	<ul style="list-style-type: none">➤ Motion.➤ Force and laws a of Motion.	<ul style="list-style-type: none">➤ Gravitation.➤ Work and Energy.
5	Chemistry	<ul style="list-style-type: none">➤ Matter and its properties.➤ Evaporation and factors affecting.➤ Element, Compound and Mixture.	<ul style="list-style-type: none">➤ Separation of Mixture- Methods.➤ Atomic Structure.➤ Atomic Number and Mass Number.➤ Mole concept.
6	Biology	<ul style="list-style-type: none">➤ Cell Organelles.➤ Animal and Plant Tissues.	<ul style="list-style-type: none">➤ Improvement in food resources.➤ Diversity in Living Organisms.
7	History	<ul style="list-style-type: none">➤ French society during the late 18th century & the outbreak of the revolution, Abolition of Monarchy, Role of women, Abolition of slavery.➤ The age of social change & Russian Revolution, February revolution, changes after October Revolution	<ul style="list-style-type: none">➤ Birth of the Weimar Republic, Hitler's rise to power, the Nazi world view, Youth in Nazi Germany➤ Deforestation, The rise of commercial forestry, Rebellion in the forest, Forest transformation in Java
8	Geography	<ul style="list-style-type: none">➤ India size and location➤ Physical features of India	<ul style="list-style-type: none">➤ Drainage➤ Climate
9	Politics	<ul style="list-style-type: none">➤ Democracy: Definition and features, Arguments against and for democracy➤ Democratic constitution in south Africa, Making of Indian Constitution, Guiding values of Indian constitution & its philosophy	<ul style="list-style-type: none">➤ Electoral politics: - Need for elections, system of elections, factors contribute to make India democratic.➤ Working of institution: - Decision making process of parliament, political executive, the judiciary.
10	Economics	<ul style="list-style-type: none">➤ Factors of production, Different activities of village Palampur➤ Role of health, Role of education, unemployment, occupational structure	<ul style="list-style-type: none">➤ Reasons of poverty, poverty alleviation programme, intra- state poverty➤ Role of govt in ensuring food security, PDS, MSP, famines, Starvation

NB. The portion of 2nd aptitude test also includes the portion of 1st aptitude test.**TIME : 50 mins.****NO.OF QUESTIONS : 50****TOTAL MARK : 50****MARK DISTRIBUTION**

1.MAT 13 Marks

2. English 12 Marks

3. Maths 08 Marks

4. Science 09 Marks

5. S.SC 08 Marks

REFERENCE:

1. Text Books - NCERT

2. NTSE Book (Any Publication)

D A V PUBLIC SCHOOLS, ODISHA ZONE – II

D A V S A T (2019 – 20)

SYLLABUS

STD – X

SI No.	Subject	1 st Aptitude (03 . 08 . 19)	2 nd Aptitude (02 . 11 . 19)
1	MAT	Visual reasoning, Numerical reasoning, Verbal Analysis, Spatial recognition Test, Sequential Reasoning test, Direction Sense Test	Visual reasoning, Numerical reasoning, Verbal Analysis, Spatial recognition Test, Sequential Reasoning test, Direction Sense Test
2	ENGLISH	<ul style="list-style-type: none"> ➤ Antonym and Synonym. ➤ One word substitution. ➤ Tense. ➤ Spell Check. ➤ Determiners. 	<ul style="list-style-type: none"> ➤ Antonym and Synonym. ➤ One word substitution. ➤ Choose the incorrect portion of a sentence. ➤ Spell Check. ➤ Modals.
3	MATHS	<ul style="list-style-type: none"> ➤ Real Numbers ➤ Polynomials ➤ Similarity Of Triangles 	<ul style="list-style-type: none"> ➤ Arithmetic Progression. ➤ Quadratic Equation ➤ Trigonometric and its applications.
4	Physics	<ul style="list-style-type: none"> ➤ Electricity. ➤ Magnetic effects of electric current. 	<ul style="list-style-type: none"> ➤ Sources of Energy. ➤ Light – Reflection and Refraction.
5	Chemistry	<ul style="list-style-type: none"> ➤ Chemical Reactions. ➤ Acids, Bases and Salts. 	<ul style="list-style-type: none"> ➤ Metals and Non-Metals. ➤ Carbon and its compounds. ➤ Elements – Atomic Properties. ➤ Period number, Group number.
6	Biology	<ul style="list-style-type: none"> ➤ Different life Processes. ➤ Nervous System. ➤ Chemical Coordination. 	<ul style="list-style-type: none"> ➤ Sexual and Asexual Reproduction. ➤ Heredity and Evolution. ➤ Natural Resources
7	History	<ul style="list-style-type: none"> ➤ The age of industrialization ➤ Print culture and the modern world 	<ul style="list-style-type: none"> ➤ The rise of Nationalism in Europe ➤ Nationalism in India
8	Geography	<ul style="list-style-type: none"> ➤ Resources and Development ➤ Agriculture 	<ul style="list-style-type: none"> ➤ Mineral and Energy resources ➤ Manufacturing Industries.
9	Politics	<ul style="list-style-type: none"> ➤ Power sharing ➤ Federalism ➤ Gender, Religion & Caste 	<ul style="list-style-type: none"> ➤ Political Parties ➤ Outcomes of Democracy
10	Economics	<ul style="list-style-type: none"> ➤ The story of development ➤ The role of Service Sector in Indian economy 	<ul style="list-style-type: none"> ➤ Money & Credit ➤ Globalisation

NB. The portion of 2nd aptitude test also includes the portion of 1st aptitude test.

TIME : 50 mins.

NO.OF QUESTIONS : 50

TOTAL MARK : 50

MARK DISTRIBUTION

1 .MAT	13 Marks
2. English	12 Marks
3. Maths	08 Marks
4. Science	09 Marks
5. S.SC	08 Marks

REFERENCE:

1. Text Books - NCERT
2. NTSE Book (Any Publication)