INFORMATION REGARDING
REGISTRATION FOR DAV APTITUDE TEST 2026
CLASS-XI SCIENCE, INTEGRATED WING (Engineering/Medical) COMMERCE & HUMANITIES

1. SCHEDULE:

Commencement of Online Registration	15 December 2025, Monday, **11:00 am**
Last date for Online Registration	15 January 2026, Thursday, **11:59 pm**
Download of Admit Card	22 January 2026, Thursday, **11:00 am** onwards
Date of DAV Aptitude Test, Class-XI	**25 January 2026, Sunday** Science, Integrated Wing (Engineering/Medical), Commerce & Humanities
Venue	Bhubaneswar, Cuttack, Balasore, Berhampur, Sambalpur and Rourkela. **(Center Allotment shall be mentioned in the Admit Card).**
Time of Entry to Exam Centre	Science & Integrated Wing **-09:00 am** Humanities **-09:00 am** Commerce **-01:30 pm**
Date of Publication of Result	**28 January 2026**, **Wednesday**, **5.00 pm** Results shall be published in the **NOTICE BOARD corner** of the School Website **www.davunit8.org**
Date of Counselling cum Provisional Admission	Will be intimated on the date of publication of the result through the School Website
Commencement of classes	Will be intimated in due course.

2. ***Scanned copies of the passport size photograph and the signature of the applicant are to be uploaded in the space provided in the Online Registration Form.***
3. ***Candidates seeking admission into Class XI have to:***
   - ***register by paying ₹1000/-***
   - ***apply separately for Science, Commerce or Humanities***
   - ***refer to the auto-generated Admit Card Id number for all correspondence till admission.***
4. Candidates registered for Integrated Wing can also take admission in Science (if interested) on the basis of the merit list of the Aptitude Test. **No separate application is required for Science**.
5. If for any unforeseen reasons the date and time of Aptitude Test and provisional admission is extended, the same shall be intimated through the School Website & individual SMS.
6. **Hostel facilities are available on merit basis only for outstation boys and girls (subject to availability of seats-60 for Boys and 18 for girls)**. Details may be enquired during the provisional admission. **Mere admission will not confer any right on allotment of a Hostel seat.**

N.B.: MERE REGISTRATION DOESN'T CONFER RIGHT TO ADMISSION.

FOR ANY TECHNICAL QUERIES (MONDAY TO SATURDAY-9:00AM TO 4:00PM @ 7008044981):

Feel free to reach us in between 2:00pm to 4:00pm on working days: -

- Help Desk – Science: 8596826422, Commerce: 7751883247, Humanities: 7978901807
- Integrated Wing In-Charge: 9040229129
- Hostel in-charge – Boys: 9937184789, Girls: 8249973749
- School Phone No. : 0674-2391328
- E-mail : datunit8bbsr@gmail.com
- Website : www.davunit8.org

DAV APTITUDE TEST – SCIENCE & INTEGRATED WING (Engineering/Medical)
Date 25.01.2026, Sunday

Subject	No. of questions (MCQ)	Total Marks	Timing	Entry into the Exam Centre
1. Mathematics	40	40 x 4	10:00 am to 01:00 pm (3 hrs.)	09:00 am
2. Physics	20	20 x 4		
3. Chemistry	20	20 x 4		
4. Biology	20	20 x 4		
Total	**100**	**400**		

DAV APTITUDE TEST – HUMANITIES
Date : 25.01.2026, Sunday

Subject	No. of questions (MCQ)	Total Marks	Timing	Entry into the Exam Centre
1. English	30	30 x 4	10:00 am to 12:00 Noon (2 hrs.)	09:00 am
2. Social Science (Hist-15, Geo-15, Eco-10, Pol Sc.-10)	50	50 x 4		
Total	**80**	**320**		

DAV APTITUDE TEST – COMMERCE
Date : 25.01.2026, Sunday

Subject	No. of questions (MCQ)	Total Marks	Timing	Entry into the Exam Centre
1. English	30	30 x 4	02:30 pm to 04:30 pm (2 hrs.)	01:30 pm
2. Economics	20	20 x 4		
3. Mathematics	30	30 x 4		
Total	**80**	**320**		

IMPORTANT INFORMATION for INTEGRATED WING (Engineering/Medical)

1. OBJECTIVE –

- To prepare the meritorious students for the professional entrance examinations along with CBSE Curriculum in Class-XII viz, JEE (Main & Advanced), NEET, IISER, NISER etc.
- To build confidence in the students to meet the future challenges of life.
- To empower the students for decision making in the greater interest of society.

2. FACILITIES –

- Classes will be taken by Guest Faculty having expertise in CBSE as well as professional curriculum transaction.
- Study materials (unit-wise) for entrance level.
- Fooding during stay hours at school.
- Conduct of online tests along with weekly objective tests as given below:

ENGINEERING		MEDICAL	
1	Unit Test (JEE Mains Pattern)	1	Practice Test (NEET Pattern)
2	Term Test (Advanced Pattern)	2	Term Test (NEET Pattern)
3	AIATS-Online (JEE Mains & Advanced Pattern)	3	AIATS-Offline (NEET Pattern)

INSTRUCTIONS:

1. On the day of DAV Aptitude Test, students must carry Admit Card of Aptitude Test along with their School Identity Card of Std. X (in original) for entry into the examination hall.
2. The test shall comprise of only Multiple-Choice Questions (each carrying 4 marks).
3. 1 mark will be deducted for every wrong answer.
4. **Merit list will be based strictly on the marks obtained in the DAT.**

FEE STRUCTURE FOR 2025-26:

Exact fee structure of 2025-26 will be notified in the first week of April 2025 in the school website. However, the following is the prevailing fee structure of the current session per annum which is likely to be revised @ 8-10%.

Sl. No.	Course	Fees for Class XI (in ₹)	Fees for Class XII (in ₹)	Charges for Hostel & Fooding (in ₹)
1	**Integrated Wing (Medical/Engineering)**	1,80,000 (for 2 years)		81,540 (for Hostellers) 23,400 (Fooding Charges for Day Boarder)
2	**Science**	1,27,580	79,080	81,540
3	**Commerce & Humanities**	1,23,860	75,360	81,540

DOCUMENTS REQUIRED AT THE TIME OF PROVISIONAL ADMISSION:

1. The perforated portion of the DAV Aptitude Test Admit Card.
2. School Identity Card of Std. X.
3. One copy of recent passport size color photograph.
4. Self-attested photocopy of Aadhar card.

NB:

- Exact admission fee will be notified on the day of the publication of result.
- Absence in/ Delay to report (by 2 hours) for, counselling will lead to cancellation of any claim for admission.
- **During the process of counselling, the presence of parents is mandatory.**

DOCUMENTS REQUIRED TO BE SUBMITTED IN SCHOOL:

1. Self-attested Photocopy of original mark sheet of the Board Examination.
2. Original Transfer Certificate / School Leaving Certificate of the school last attended.
3. Original Conduct Certificate from the school last attended.
4. Original Migration Certificate from the concerned Board.
5. Self-attested photocopy of caste certificate (if claimed).

NB:

1. TC without Permanent Education Number and UDISE code will not be accepted.
2. In case of withdrawal of candidate after provisional admission, **ONLY SECURITY MONEY WILL BE REFUNDED**.
3. Seat confirmation (even after provisional admission) is **subject to qualifying the Class X Examination 2026**.

Sd/-
CHAIRMAN
ADMISSION COMMITTEE

SYLLABI FOR THE DAV APTITUDE TEST-2026

SCIENCE AND INTEGRATED WING

Subject	Syllabus	No of Questions
MATHEMATICS	**Pair of Linear Equations in two variables:** Pair of linear equations in two variables and graphical method of their solution, consistency/inconsistency. Algebraic conditions for number of solutions. Solution of a pair of linear equations in two variables algebraically - by substitution, by elimination. Simple situational problems. **Quadratic Equation:** Standard form of a quadratic equation $ax^2 + bx + c = 0$ ($a \neq 0$), solution of quadratic equations (only real roots) by factorisation and using quadratic formula, relationship between discriminant and nature of roots, problems related to day-to-day activities. **Trigonometry:** Trigonometric ratios and identities, height and distances. **Probability:** Elementary ideas of probabilities as measure of uncertainty (for single event only) **Co-ordinate Geometry:** Distance between two points, section formula (internal division) only, Application of distance and section formula to find vertices or diagonals of given geometric shapes. **Mensuration:** Problems on finding volumes and surface areas of combinations of right circular cone, right circular cylinder, hemisphere and sphere, perimeter, area of a circle, area of a sector, segment of the circles, area of combined figures. **Polynomial:** Zeros of a polynomial, relationship between zeros and coefficients of a quadratic polynomial. **Real number:** Fundamental theorem of arithmetic, irrational number and their decimal expansion. **Arithmetic Progressions:** Derivation of the nth term and sum of the first n^{th} terms of A.P. and their application in solving daily life problems. **Statistics:** Mean, median and mode of grouped data(bimodal situation to be avoided)	**(40)**
PHYSICS	**Motion & Force:** Distance and displacement, Velocity (uniform and non-uniform), Distance – time and velocity – time graph, Newton's Laws of motion, Action & reaction force, Inertia of a body, Momentum. **Effects of current:** Electric current, potential difference and electric current, Ohm's law, Resistance, Resistivity, Factors on which the resistance of a conductor depends. Series combination of resistors, parallel combination of resistors and its applications in daily life. Heating effect of electric current and its applications in daily life. Electric power, interrelation between P, V, I and R. **Magnetic effects of current:** Magnetic field, Field lines, field due to current carrying conductor, field due to current carrying coils or solenoid: Force on current carrying conductor. Flemings left hand rule, Direct current. Alternating current: frequency of AC. Advantage of AC over DC. Domestic electric circuits. **Light & Optical Phenomenon:** Reflection of light at plane and curved surfaces. Images formed by spherical mirror, centre of curvature, principal axis, principal focus, focal length, mirror formula, magnification. Refraction, Laws of Refraction, Refractive index, Refraction of light by slab and spherical lens, image formed by spherical lens, Lens formula, Magnification, Power of a lens. Refraction of light through a prism, Dispersion of light, scattering of light, application in daily life.	**(20)**

Subject	Syllabus	No of Questions
	Gravitation: Universal law of gravitation, Force of gravitation of the earth (gravity), Acceleration due to gravity, Mass & weight, Free fall **Work, Energy, Power:** Work done by a force, Energy, Power, Kinetic & Potential energy, Law of conservation of energy. Relation between kinetic energy and momentum. **Sound:** Nature of sound and its propagation in various media, Speed of sound, Range of hearing in humans, Ultrasound, Reflection of sound, Echo.	
CHEMISTRY	**Matter:** Matter and its properties (intensive, extensive, physical and chemical), Particulate and nature of matter, States of matter and their characteristics, Elements, compounds and mixtures, Colloids, Suspensions, Pure and impure substances, Discovery and abundance of elements **Atoms and Molecules:** Laws of chemical combination, Atoms and atomic theory of matter, Dalton's Atomic theory, Atoms, Molecules, ions, Rules of writing the chemical formulae, Molecular mass and atomic mass **Structure of Atom:** Discovery of electron, Discovery of proton, Discovery of neutron, Thomson's model of the atom, Rutherford's model of atom, Bohr's model of atom, Atomic number, Mass number, Electronic configuration, Valence electrons, Valency of elements, Isotopes, Isobars, Isotones, Symbolic representation of elements. **Chemical Reactions and Equations:** Chemical equations, Balanced chemical equations, Types of chemical reactions, corrosion, Rancidity **Acids, Bases and Salts:** Definitions (all modern concepts), Examples and uses of acids, bases and salts, Neutralization reactions, pH scale and its importance, Acidic salt, basic salt, Properties of acids and bases, Uses of sodium hydroxide, Bleaching powder, Baking soda, Washing soda, Plaster of Paris, Gypsum, Water of Crystallization **Metals and Non-Metals:** Physical and Chemical properties of metals and non-metals, Reactivity series, Formation & properties of ionic compounds, Basic metallurgical processes, Alloy, Corrosion and it prevention. **Carbon Compounds:** Catenation, Functional group, Structural isomerism (chain and position), Homologous series, Nomenclature of organic compounds containing functional groups, Chemical properties (combustion, oxidation, addition and substitution reaction), Ethanol & Ethanoic acid (only properties & uses), soaps & detergents, Allotropes of carbon, Electron dot structure, Covalent bonding in carbon compounds, Versatility of carbon, Saturated and unsaturated Hydrocarbon and its bond characteristics.	**(20)**
BIOLOGY	**Fundamental unit of life:** Cell - structure, function, cell membrane, cell components, cell wall, mitochondria, chloroplast etc. Difference between Prokaryotes & Eukaryotes, Cell inclusion bodies, Vacuoles, Endoplasmic reticulum, Golgi apparatus, Nucleus, Chromosomes-basic structure, number. **Life Processes:** Living being, Basic concept of nutrition, Nutrition-autotrophic and heterotrophic nutrition, human digestive system, Respiration- respiration in plants and animals, human respiratory system, Transportation- transportation in plants, transpiration, opening and closing of stomata, human circulatory system, Excretion-excretion in plants and animal, human excretory system. **Control and Co-ordination in Animals and Plants:** Trophic movements in plants, Introduction of plant hormones, Control and co-ordination in animals, Nervous system, Voluntary, involuntary & reflex action, Chemical co-ordination: animal hormones. **Reproduction:** Types of reproduction, Types of asexual mode of reproduction, Sexual reproduction in plants and animals, Human reproductive systems, Reproductive Health - need & methods of	**(20)**

Subject	Syllabus	No of Questions
	family planning, safe sex Vs. HIV/AIDS, child bearing and women's health **Heredity:** Heredity and Law of inheritance of traits, Monohybrid and dihybrid cross, Sex determination: brief introduction **Our environment:** Structure of ecosystem - abiotic and biotic components, Function of ecosystem - food chain, food web. energy flow and ecological pyramid, Environmental pollution, Environmental problems, Ozone depletion, Biodegradable and non-biodegradable substances. **Tissues, Organs, Organ system, Organism:** Structure & functions of animal and plant tissues (only four types of tissues in animals, Meristematic & permanent tissues in plants).	

COMMERCE

Subject	Syllabus	No of Questions
MATHEMATICS	**Pair of Linear Equations in two variables:** Pair of linear equations in two variables and graphical method of their solution, consistency/inconsistency. Algebraic conditions for number of solutions. Solution of a pair of linear equations in two variables algebraically - by substitution, by elimination. Simple situational problems. **Quadratic Equation:** Standard form of a quadratic equation $ax^2 + bx + c = 0$ ($a \neq 0$), solution of quadratic equations (only real roots) by factorisation and using quadratic formula, relationship between discriminant and nature of roots, problems related to day-to-day activities. **Trigonometry:** Trigonometric ratios and identities, height and distances. **Probability:** Elementary ideas of probabilities as measure of uncertainty (for single event only) **Co-ordinate Geometry:** Distance between two points, section formula (internal division) only, Application of distance and section formula to find vertices or diagonals of given geometric shapes. **Mensuration:** Problems on finding volumes and surface areas of combinations of right circular cone, right circular cylinder, hemisphere and sphere, perimeter, area of a circle, area of a sector, segment of the circles, area of combined figures. **Polynomial:** Zeros of a polynomial, relationship between zeros and coefficients of a quadratic polynomial. **Real number:** Fundamental theorem of arithmetic, irrational number and their decimal expansion. **Arithmetic Progressions:** Derivation of the nth term and sum of the first n^{th} terms of A.P. and their application in solving daily life problems. **Statistics:** Mean, median and mode of grouped data(bimodal situation to be avoided)	**(30)**
ECONOMICS	Banking Services in India, Economic Reforms in India, Statistics (Mean, Median & Mode), Poverty in India, Economic Development, Sectors of the Indian Economy, Food Security in India, Consumer Awareness.	**(20)**
ENGLISH	Integrated Grammar (Determiners, Clauses, Tenses, Modals, Subject – verb concord, Reported speech), Synonyms & Antonyms, One-word substitution, Phrasal Verbs.	**(30)**

HUMANITIES

Subject	Syllabus	No of Questions
ENGLISH	Integrated Grammar (Determiners, Clauses, Tenses, Modals, Subject – verb concord, Reported speech), Synonyms & Antonyms, One-word substitution, Phrasal Verbs.	**(30)**
SOCIAL SCIENCE	**HISTORY**: French Revolution, The Socialism in Europe and the Russian Revolution, Nazism and the Rise of Hitler, The rise of Nationalism in Europe, Nationalism in India, The making of global world (NCERT Textbook Pg. No. 1.1 to 1.3).	**(15)**
	GEOGRAPHY: Resources – Utilisation and Development, Agriculture, Manufacturing Industries, Lifelines of National Economy, Forest, Water Resource, Mineral Resource.	**(15)**
	ECONOMICS: Banking Services in India, Economic Reforms in India, Statistics (Mean, Median & Mode), Poverty in India, Economic Development, Sectors of the Indian Economy, Food Security in India, Consumer Awareness.	**(10)**
	POLITICAL SCIENCE: What is Democracy? Why Democracy? , Constitutional Design, Electoral Politics, Power sharing, Federalism, Political Parties, Outcomes of Democracy, Gender, Religion & Caste.	**(10)**

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