

WHAT is CATSE?

CAREER ACADEMY TALENT SEARCH EXAM is a specially designed initiative to encourage young talent with cash prizes, scholarships and mentoring by Career Academy

As a career institute, we at Career Academy know that an encouragement platform not only provides an opportunity to students to apply their ability and win appreciation but also it nurtures their mind for higher targets of tomorrow.

WHY CATSE IS Different?

What distinguishes **CATSE** is Career Academy itself. This institute helped coaching young students from class VI to XII & XII passed so that they move ahead on a brilliant career path by winning at various milestones making their brightest future.

Career Academy is Himachal's most trusted & Result Dominating institute, which has strong roots since 2002.

WHO Can Appear in CATSE?

All those Student studying in class VI, VII, VIII, IX, X, XI & XII (Science) in academic year 2019- 20, can appear in CATSE:

1. Who believe that taking part in competition is good.
2. Who want to be prepared for future. Who want to test themselves in new exam pattern?
3. Who want to compete with new students across the District.
4. Who are targeting to improve overall academic strength.

*Prizes based on Rank (Cash + Scholarship)

Class / RANK		1	2	3	4-10	11-30
For Class VI, VII, VIII, IX	Cash	2,000	1,000	750	500	-
	Scholarship	4,000	4,000	4,000	2,500	-
	Total	6,000	5,000	4,750	3,000	Certificates
For Class X, XI, XII	Cash	2,500	1,500	1,000	500	-
	Scholarship	47,500	38,500	29,000	13,500	5,000
	Total	50,000	40,000	30,000	14,000	5,000

**All the prizes are in the form of Cash + Scholarship + Certificates*

Conditions for Prize:

(I) Tie Breaker Rule: If many students secure equal aggregate marks then higher rank will be given by **comparing subject scores in priority** of IQ, Math's, Physics & Chemistry up to class XII.

If all subject scores are also equal, then lower age student will be given higher rank.

(ii) Admission in career academy Course is **NOT mandatory** to claim cash prizes.

Scholarships based on – CATSE performance:

Selective students will be offered UPTO 100% scholarship for CAREER ACADEMY Classroom Courses and study material in Academic Session 2020-21, subject to CAREER ACADEMY Management's decision, scholarships offered will be declared with the CATSE result only.

Registration

➤ Methods of Registering (Any one)

- (a) Purchase FORM from Career Academy Nahan, fill-in and deposit.
- (b) Purchase FORM from your school if it has agreed for CATSE 2019 registration, fill-in and deposit at school.
- (c) You can also contact with CATSE Co-ordination Cell for Registration Assistance (9 AM to 5 PM).

Fee	Information	Test Date & Timing	Test Center
100/- Payable by Cash	All information can be checked on www.careeracademy.in	10 November, 2019 & Timing is 10:30 AM to 12:00 Noon	1. Career Academy, Nahan. 2. If minimum 100 students have participated from your school, then your school will be the test center.

➤ Compulsory at test Center

- Aadhar Card or Original Photo ID.
- Latest Passport Size Photograph.
- Reporting time at test center will be **at least 30 Minutes** prior to test time.

➤ CATSE Result

- The combined results of all the test will be declared on or before first week of December, 2019
(Will be declared on www.careeracademy.in)

Exam Pattern

➤ Subject Applicable

- Class VI to X: Physics, Chemistry, Biology, Math's, IQ
- Class XI & XII (Medical) Physics, Chemistry, Biology
- Class XI & XII (Non-Medical) Physics, Chemistry, Math's

➤ Syllabus - NCERT syllabus of previous class and current class as provided along with this kit.

➤ Pattern of Questions

Class VI to X	Class : XI & XII
50 Objective Type Questions Physics (10), Chemistry (10), Biology (10), Math's (10), IQ (10)	45 Objective Type Questions Physics (15), Chemistry (15), Biology (15)/ Math's (15)
MCQs of 4 choices (Single correct answer) (Sample test papers are available at website www.careeracademy.in)	

➤ Marking Scheme

- For Class VI, VII & VIII: +4 for correct answer (No Negative Marking for wrong answer)
- For Class IX & X: +4 for correct answer & -1 for wrong answer (Negative Marking)
- For Class XI & XII: +4 for correct answer & -1 for wrong answer (Negative Marking)

➤ Medium & Duration of Exam

Medium: English Only

Duration: 90 Minutes. It is Compulsory to take seat in exam hall at least 30 minutes before the test to fill OMR.

For Test Center

➤ **Requirement to become Test Center**

Minimum participation of students should be 100 to become a Test Center.

➤ **Participating school Rewards**

1. Memento of appreciation for Principal
2. Memento of appreciation for Exam Coordinator.

➤ **Appreciation in Form of Cash**

For Exam Coordinator – Rs 750/-

Invigilator (One per 40 Students) – Rs 500/-

SYLLABUS

Syllabus consists of topics from Current Class and Previous Class. Students are advised to find these topics from their school text books of present and previous years and prepare thoroughly for MCQs

Class VI

Physics	Chemistry	Biology	Math	IQ
Earth and Universe, Force and Energy, Light, Shadow & Reflection	Natural Resources, Solid, Liquid & Gas, Separation of Substances, Fiber to Fabric, Sorting materials into Groups	Animal & Plant Life, The ecosystem, Human Body & Health, Food and Nutrition	Decimals, Multiplication and Division, Pictorial Representation of Data, Area and its Boundary, Basic geometrical ideas, Integers, Number system	Alphabet test, Coding-decoding, Direction Sense, Mirror Image, Series

Class VII

Physics	Chemistry	Biology	Math	IQ
Motion and Measurement of Distances, Electricity and Circuits, Heat, Heat and Temperature	Changes around us, Water and air, Acid, Base and Salts, Animal Fiber	Body Movements, Garbage in Garbage out, getting to know about plant, The living organisms and their surroundings, Nutrition in Plants and Animal, Weather, Climate and Adaptation of animals to climate	Mensuration (Std.-VI), Data Handling, Integers, Lines and Angles (Std.-VI), Simple Equation, Exponents and Powers, Fractions and Decimals, Algebraic Expressions, Mensuration (Std.-VII), Number System, Rational Numbers, Lines and Angles (Std.-VII), Triangles and Congruence of Triangles	Alphabet Test, Classification, Coding-decoding, Direction Sense, Embedded Figure, Mathematical Operation, Mirror Image, Number Ranking, Number Series, Water Image

Class VIII

Physics	Chemistry	Biology	Math	IQ
Electric current and its effects, Heat and Temperature, Force and Pressure	Acid, Bases and Salts, Physical and Chemical Changes, Water, Synthetic Fiber and Plastic, Metal and Non-metal	Respiration in Organisms, Transportation in Plants and Animals, Forest- Our life line, Micro Organisms, Cell Structure and Function, Crop production and Management	Congruence of Triangle, Factors and Decimal, Integers, Linear Equation in One Variable (Std.-VII), Perimeter and Area, Practical Geometry, Visualizing solid shapes, Linear Equations in one Variable (Std.-VIII), Cubes and Cube Roots, Exponents and Power, Rational Numbers, Squares and Square Roots, Understanding Quadrilaterals	Blood Relation, Coding-decoding, Counting of Figure, Cubes and Dice, Direction Sense, Embedded Figure, Insert the Missing Character Series, Mathematical Operation, Mirror Image, Non-verbal Series, Number ranking, Venn-Diagram, Water Image

Class IX

Physics	Chemistry	Biology	Math	IQ
Light, Sound, Stars, and Solar System, Motion, Force and NLM, Gravitation	Consumption and Flame, Fossil Fuels (Coal, Petroleum & Natural Gas), Metals and Non-metals, Is matter Around us Pure, Matter in our surroundings,	Conservation of Plants and animals, Crop production and management, Micro Organism Friend and For Reproduction & reaching the age of adolescence, Food production and Management, Cell structure and Function Tissue	Algebraic Expression & Identities, Comparing Quantity, Cube and Cube Root, Direct and Inverse Proportions, Exponents and Power, Mensuration, Squares and square Roots, Understanding Quadrilaterals, factorization, Number System Polynomial, Linear Equation in one variable, Heroin's formula, statistics Probability, Lines, Angles and Triangles	Blood Relation, Coding-decoding, Counting of Figure, Cubes and Dice, Direction Sense, Embedded Figure, Insert the missing Character, Letter Series, mathematical Operation, Mirror Image, Non-verbal Series, Number Ranking, Number Series, Venn Diagram, Water Image

Class X

Physics	Chemistry	Biology	Math	IQ
Motion, Force, Gravitation, Sound, Work Power and Energy, Electricity, Magnetic Effect of current	Atomic Structure, Atoms and Molecules, Acid Bases, Salts, Chemical Reaction, Metal and Non-metals	Diversity in living organism, Natural Resources, Why do we fall ill, Nutrition, Excretion, Respiration, Transportation in Animals, Transportation in Plants, Control and Coordination	Areas of Parallelograms and Triangles, Polynomial, Circles, Hero's Formula, Introduction Euclid's Geometry, Statistics (IX and X), Surface area and Volumes (IX & X) Lines, Angles, Triangles- Congruency & similarity of triangles and Quadrilaterals, Number System, Polynomial. Introduction to Trigonometry, Linear Equation in Two Variables, Circles, Probability (IX & X) AP, Coordinate geometry	Blood Relation, Calendar, Clock, Coding and Decoding, Counting Figure, Cubes and Dice, Direction Sense, Embedded Figure, Mathematical Operation, Missing Character, Non-verbal Analogy, Non-verbal Series, Number ranking, Puzzle Test, Sitting Arrangement, Syllogism

Class XI

Physics	Chemistry	Biology	Math
Physical World and Measurement, Units and Measurement, Kinematics, Motion in a straight Line, motion in a plane, Laws of motion, Laws of Motion work, energy and Power	Some Basic Concepts of Chemistry, Structure of Atom, Classification of Elements and Periodicity in Properties, Chemical Bonding and molecular structure, States of matter: Gases and Liquids, Organic Chemistry: Some basic Principle and Techniques	Plant Kingdom, Animals Kingdom, Digestion and Absorption, Breathing and Exchange of Gases, Body Fluids and Circulation, Excretory Products and their Elimination, Locomotion and movement, Neural Control and Coordination Chemical co-ordination and integration.	Sets, Relations and Functions Trigonometric Functions, Principles of Mathematical Induction, Complex Numbers and Quadratic Equations Linear Inequalities, permutation and Combinations, Binomials Theorem Sequences and Series Straight Lines Probability

Class XII

Physics	Chemistry	Biology	Math
Electrostatics, Electric Charges and Fields, Electrostatics Potential and Capacitance, Current Electricity, Magnetic Effects of Current and Magnetism, Moving charges and Magnetism, Magnetism and Matter, Electromagnetic Induction and Alternating Currents, Electromagnetic Induction, Physical World and Measurement, Units and Measurement Kinematics, Motion in a straight Line, Motion in a Plane, Laws of Motion, Work Energy and Power	Solutions, Electrochemistry, Chemical Kinetics, Surface Chemistry, General Principles and processes of Isolation of Elements, p-Block Elements, Coordination Compounds, halo alkanes and Haloarenes Alcohols, Phenols and Ethers, Aldehydes, ketones and Carboxylic Acids, Organic Compounds containing Nitrogen, Biomolecules, Polymers, Chemistry in Everyday life, Some Basic Concepts of Chemistry, Structure of Atom, Classification of Elements and Periodicity in properties, Chemical Bonding and Molecular Structure, Organic Chemistry: Some basic principles and Techniques	Reproduction in Organisms, Sexual Reproduction in Flowering Plants, Human Reproduction, Reproductive Health, Principles of Inheritance and Variation, Molecular Basis of Inheritance, Evolution, Human Health and Disease, Strategies for Enhancement in Food Production, Microbes in Human Welfare, Plant Kingdom, Animal Kingdom, Digestion and Absorption, Breathing and Exchange of Gases, Body Fluids and Circulation, Excretory Products and their Eliminations, Locomotion and Movement, Neural Control and Coordination, Chemical Coordination and integration	Relations and Functions, Inverse Trigonometric functions, Matrices, Determinants, Continuity and Differentiability, Applications and Derivatives, Integrals, Applications of Integrals, Differential Equations, P&C, Complex Number & Quadratic Equation, Straight Line, Binomial Theorem