FRESHERS NOW

CIFNET Entrance Exam Pattern

CIFNET Entrance Exam Pattern - Nautical Science

Subject Name	Questions Type
Physics	
Chemistry	**Multiple Choice Questions**
Mathematics	
Biology	
English	

CIFNET Entrance Exam Pattern - VNC / MFC

Subject Name	Questions Type
Maths	
English	**Multiple Choice Questions**
Science	

Fisheries Entrance Exam Syllabus - Subject Wise

CIFNET Entrance Exam Physics Syllabus

- Mathematical Methods

- Classical Mechanics
- Relativity
- Atomic
- Molecular Physics
- Condensed Matter Physics
- Thermodynamics
- Statistical Mechanics
- Nuclear and Particle Physics
- Quantum Theory and its Applications
- Electromagnetic Theory
- Electronics
- Experimental Physics

CIFNET Entrance Exam Chemistry Syllabus

- General Chemistry
- Structure of Atom
- Electrochemistry
- Periodicity
- Solid State
- Solutions
- Classification of Elements
- Molecular Structure
- Chemical Bonding
- Surface Chemistry
- Redox Reactions
- Chemical Kinetics
- States of Matter
- Equilibrium
- Thermodynamics
- Processes of Isolation of Elements
- https://www.freshersnow.com/syllabus/
- Coordination Compounds
- P, D, F Block Elements
- Hydrogen
- D Block Elements
- Alkali and Alkaline earth metals (S Block)
- Haloarenes

- Alcohols
- Haloalkanes
- Aldehydes
- Phenols
- Ketones
- Ethers
- General Organic Chemistry
- Carboxylic Acids
- Biomolecules
- Hydrocarbons
- Environmental Chemistry
- Amines
- Chemistry in Everyday Life

Fisheries Entrance Exam Mathematics Syllabus

- Relations and Functions
- Logarithms
- Complex Numbers
- Quadratic Equations
- Sequences and Series
- Trigonometry
- Cartesian System of Rectangular Coordinates
- Statistics
- Differentiation
- Introduction to Three Dimensional Geometry
- Straight Lines
- Circles
- Conic Sections
- Permutations and Combinations
- Vectors
- Exponential and Logarithmic Series
- Sets and Set Theory
- Probability Function
- Limits and Continuity
- Applications of Derivatives
- Indefinite Integrals Binomial Theorem
- Matrices

- Determinants
- Definite Integrals

CIFNET Entrance Exam Biology Syllabus

- Embryology of angiosperms
- Plant Physiology
- Biochemistry
- Plant growth and growth hormones
- Ecology
- Pteridophyte
- Gymnosperm
- Morphology of Angiosperm
- Anatomy
- Algae, Fungi
- Plant Diseases
- Viruses
- Bacteria
- Bryophytes
- Plant Succession
- Environmental Pollution
- Cell Biology

cifnet.gov.in English Syllabus

- Antonyms
- Active and Passive Voice
- Substitution
- Sentence Improvement
- Synonyms
- Spelling Test
- Substitution
- Passage Completion
- Idioms and Phrases
- Sentence
- Completion
- Error Correction (Underlined Part)
- Transformation

- Prepositions
- Sentence Arrangement
- Fill in the blanks
- Spotting Errors
- Para Completion
- Joining Sentences
- Error Correction (Phrase in Bold)

CIFNET Entrance Exam Science Syllabus

- Laws of motion
- Units and measurements
- Thermal properties of matter
- Gravitation
- Kinetic theory
- Wave optics
- Work, energy, and power
- Physical-world
- Oscillations
- Ray optics and optical instruments
- Mechanical properties of solids
- Thermodynamics
- Motion in a straight line
- Nuclei
- Motion in a plane
- Systems of particles and rotational motion
- Mechanical properties of fluids
- Moving charges and magnetism
- Electric charges and fields
- Electrostatic potential and capacitance
- Electromagnetic induction
- Current electricity
- Magnetism and Matter
- Dual nature of radiation and matter
- Alternating current
- Atoms
- Electromagnetic waves
- Semiconductor electronics

- Waves
- The s – block elements
- Communication systems
- Organic chemistry-some basic principles and techniques and hydrocarbons
- P-block elements – group 14 (carbon family)
- Solutions
- Surface chemistry
- Thermodynamics
- Chemical equilibrium and acids-bases
- Hydrogen and its Compounds
- Atomic structure
- D and f block elements & coordination compounds
- Classification of elements and periodicity in properties
- Environmental chemistry
- Biomolecules
- Solid-state
- States of matter: gasses and liquids
- Chemistry in everyday life
- Stoichiometry
- General principles of metallurgy
- Organic compounds containing c, h, o
- P- block elements group 13 (boron family)
- P-block elements
- Chemical bonding and molecular structure
- Electrochemistry and chemical kinetics
- Haloalkanes and haloarenes
- Polymers
- Organic compounds containing nitrogen