

Chhattisgarh Professional Examination Board

CG Vyapam Faculty Syllabus – Child Development and Pedagogy

- Group work
- Teamwork
- Development concept and the main challenges
- Internal Governance
- Leadership Qualities
- Attributes and skills
- Understanding their Abilities
- Coordination
- Contemporary social problems
- Five Year Development Plans
- Communication and Counseling skills based on two unread passages
- Concerns
- Leadership Development
- Managing the Team Members

Chhattisgarh Professional Examination Board (CG Vyapam) Hindi Syllabus

- तत्सम एवं तद्भव देशज विदेशी (शब्द भंडार)
- अनेकार्थी शब्द
- क्रियाएँ
- विलोम शब्द
- पर्यायवाची शब्द
- वर्तनी
- हिंदी भाषा के प्रयोग में होने वाली अशुद्धियाँ
- मुहावरे एवं लोकोक्तियाँ
- संधि समास
- रस.
- वाक्यांशों के लिये एक शब्द निर्माण.
- लोकोक्तियाँ एवं मुहावरे.
- अलंका
- शब्द-रूप
- अर्थबोध
- हिंदी वर्णमाला विराम चिन्ह
- शब्द रचना वाक्य रचना अर्थ
- वाक्यसंशोधन- लिंग, वचन, कारक, काल, वर्तनी, त्रुटि से संबंधित

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- Spellings/ Detecting Mis-spelt words
- Antonyms and its correct usage
- Common Error

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- Active/ Passive Voice of Verbs
- Comprehension Passage
- Spot the Error
- Cloze Passage
- Fill in the Blanks
- Shuffling of Sentence parts
- Conversions
- Sentence Rearrangement
- Grammar
- Shuffling of Sentences in a passage
- Improvement of Sentences
- Synonyms/ Homonyms
- Antonyms
- Vocabulary
- Idioms & Phrases
- One word substitution

छत्तीसगढ़ व्यावसायिक परीक्षा मंडल Maths 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
- Sets and Set Theory
- Probability Function
- Limits and Continuity
- Permutations and Combinations
- Vectors
- Exponential and Logarithmic Series
- Applications of Derivatives
- Indefinite Integrals Binomial Theorem
- Matrices
- Determinants

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- Definite Integrals

CG Vyapam Faculty Syllabus – Science

- 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

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- 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, and 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

Chhattisgarh Professional Examination Board (CG Vyapam) Environmental Education

- Syllabus
- Bio Diversity
- Water Resource Degradation
- Climate Change and Environment
- Environment and Urbanization
- Mining and Environment
- Agriculture and Environment
- Renewable Energy
- Environmental impact assessment
- Concept of Sustainable Development

cgvyapam.choice.gov.in Social Science [Syllabus](#)

- Matrix
- Cities
- Cognition
- Complexity
- Environment
- Governance
- Identities
- Mortality
- Risk
- Stratification

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- Sustenance
- Technology
- Wellness

CG Vyapam Faculty Syllabus - Chemistry

- Analytical techniques.
- Thermodynamics.
- Electrochemistry.
- Acids and Bases.
- Quantum Chemistry.
- Analytical Chemistry.
- Organic Synthesis.
- Photochemistry.
- Redox Reactions.
- Inorganic reaction mechanism.
- Bio-inorganic Chemistry.
- Structure and Bonding.
- Nuclear Chemistry.
- Chemical Kinetics.
- Chemistry of Transition Elements.

CGPEB Exam Syllabus - Physics

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

CG Vyapam Faculty Exam Syllabus - Biology

- Gymnosperm.
- Morphology of Angiosperm.
- Plant Diseases.
- Plant Succession.
- Environmental Pollution.
- Cell Biology.
- Embryology of angiosperms.

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- Plant growth and growth hormones.
- Ecology.
- Viruses.
- Bacteria.
- Bryophytes.
- Plant Physiology.
- Biochemistry.
- Anatomy.
- Algae, Fungi.
- Pteridophyte.

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- Geomorphology.
- Statistical Methods.
- Settlement Geography.
- Biogeography.
- Map making.
- Remote Sensing.
- Geographic Thought.
- Economic Geography.
- Geography of India.
- Climatology.
- Oceanography.
- Population Geography.

छत्तीसगढ़ व्यावसायिक परीक्षा मंडल Commerce Syllabus

- Research Methodology and Quantitative Techniques
- Management Information Systems
- Financial Accounting
- Advanced Cost Accounting
- Security Analysis and Portfolios Management
- Management Principles and Techniques
- Taxation Laws – Direct & Indirect
- Recent Trends in Commerce