

# Chhattisgarh Public Service Commission (CGPSC) Syllabus

## CGPSC Assistant Professor Syllabus - General Knowledge

- Awards
- Authors
- Flower
- Defense
- Culture
- Religion
- Languages
- Capitals
- Wars and
- Neighbors
- Current Affairs
- History
- Anthem
- Important National Facts
- Heritage and Arts
- Dance
- Currencies
- Bird
- Animal
- Abbreviations
- Discoveries
- Diseases and Nutrition
- Song
- Flag
- Monuments
- Personalities
- Freedom Movement
- Championships
- Winners
- Terms
- Common Names
- Full forms
- Soil
- Rivers
- Mountains
- Ports
- Inland Harbours
- Number of Players
- Culture
- Religion
- Dance
- Heritage and Arts

# **Chhattisgarh Public Service Commission (CGPSC) Syllabus**

## **Chhattisgarh Public Service Commission (CGPSC) 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

## **psc.cg.gov.in Assistant Professor 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
- 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

## Chhattisgarh Public Service Commission (CGPSC) Syllabus

- Carboxylic Acids
- Biomolecules
- Hydrocarbons
- Environmental Chemistry
- Amines
- Chemistry in Everyday Life

### छत्तीसगढ़ लोक सेवा आयोग English Syllabus

- Substitution
- Sentence Arrangement
- Transformation
- Prepositions
- Fill in the blanks
- Para Completion
- Joining Sentences
- Error Correction (Underlined Part)
- Antonyms
- Spelling Test
- Synonyms
- Idioms and Phrases
- Passage Completion
- Error Correction (Phrase in Bold)
- Spotting Errors
- Sentence Completion
- Active and Passive Voice
- Sentence Improvement

### CGPSC Assistant Professor Syllabus - Hindi

- 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

## Chhattisgarh Public Service Commission (CGPSC) Syllabus

- वाक्यसंशोधन- लिंग, वचन, कारक, काल, वर्तनी, त्रुटि से संबंधित

### CGPSC Assistant Professor Syllabus - Mathematics

- 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

### छत्तीसगढ़ लोक सेवा आयोग Economics Syllabus

- Economics of Education
- Economics and Justice
- Sports Economics
- Earnings of Professional Athletes
- Economics of Gender
- Economics and Race
- Economic Analysis of the Family
- Economics of Aging
- Agricultural Economics
- Real Estate Economics
- Economics of Wildlife Protection
- Environmental Economics
- Economics of Energy Markets
- Political Economy of Oil
- Transportation Economics
- Urban Economics

## **Chhattisgarh Public Service Commission (CGPSC) Syllabus**

- Economics of Gambling
- Economics of HIV and AIDS
- Economics of Migration
- Health Economics
- Economics of Health Insurance
- Economics of Information
- Forensic Economics
- Economics of Crime
- Economics of Property Law
- Queer Economics
- Economics and Religion
- Economics and Corporate Social Responsibility
- Political Economy of Violence
- The Economics of Civil War
- Economic Aspects of Cultural Heritage
- Media Economics
- Microfinance
- Latin America's Trade Performance

### **CGPSC Assistant Professor Syllabus - History**

- Indian Culture
- Early Structure of the British Raj
- Themes in Early Indian Cultural History
- Guptas, Vakatakas and Vardhanas
- British Expansion in India
- European Penetration into India
- Imperialism and Colonialism
- Nation-State System
- Mughal Empire in the Seventeenth Century
- Modern Indian History
- Economy and Society in the Sixteenth and Seventeenth Centuries
- Mauryan Empire
- Early State and Society in Eastern India, Deccan, and South India
- Sources
- Indian Response to British Rule
- Cultural Traditions in India
- Origins of Modern Politics
- Enlightenment and Modern ideas
- Economic Impact of British Colonial Rule
- Industrialization
- Society, Culture, and Economy in the Thirteenth and Fourteenth Centuries
- Origins of Modern Politics
- Period of Mahajanapadas
- Social and Cultural Developments
- Indus Valley Civilization

## **Chhattisgarh Public Service Commission (CGPSC) Syllabus**

- Pre-history and Proto-history
- Culture in the Mughal Empire
- Aryans and Vedic Period
- Megalithic Cultures
- Early Medieval India
- Post – Mauryan Period (Indo-Greeks, Sakas, Kushanas, Western Kshatrapas)
- The regional States during Gupta Era
- Indian Freedom Struggle
- History of the World

## **Chhattisgarh Public Service Commission (CGPSC) Botany Syllabus**

- Agronomy and Crop Science
- Algology and Phycology
- Bacteriology
- Bryology
- Mycology
- Paleobotany
- Plant Anatomy and Physiology
- Plant Cell Biology
- Plant Genetics
- Plant Pathology
- Pteridology

## **CGPSC Assistant Professor Syllabus - Zoology**

- Entomology
- Herpetology
- Ichthyology
- Invertebrate Zoology
- Malacology
- Mammalogy
- Ornithology
- Primatology
- Ecology
- Embryology
- Ethology
- Paleontology
- Sociobiology

## **छत्तीसगढ़ लोक सेवा आयोग Geography Syllabus**

- Geomorphology
- Cartographic Techniques
- Human Geography
- Thematic Cartography
- Climatology

## **Chhattisgarh Public Service Commission (CGPSC) Syllabus**

- Statistical Methods in Geography
- Geography of India
- Economic Geography
- Environmental Geography
- Field Work and Research Methodology
- Regional Planning and Development
- Remote Sensing and GIS
- Political Geography
- Hydrology and Oceanography
- Social Geography
- Evolution of Geographical Thought
- Disaster Management based Project Work
- Remote Sensing
- Advanced Spatial Statistical Techniques
- Geographical Information System
- Research Methods
- Population Geography
- Resource Geography
- Urban Geography
- Geography of Health and Wellbeing
- Disaster Management
- Geography of Tourism
- Spatial Information Technology
- Regional Development
- Climate Change: Vulnerability and Adaptation
- Rural Development
- Industrial Geography
- Sustainable Development

### **CGPSC Assistant Professor Syllabus - Sociology**

- Race, Nationality, and Ethnicity
- Mass Media
- Sociology of Food
- Youth Cultures
- Sociology of Gender and Sexuality
- Social Movements
- Cults, Clans, and Communities
- Class Conflict and Inequalities
- Spirituality, Superstition, and Legends
- Consumerism
- The Family

### **Chhattisgarh Public Service Commission (CGPSC) Geology Syllabus**

- Origin, composition and internal structure of the earth
- Geological time, relative dating and radiometric dating

## **Chhattisgarh Public Service Commission (CGPSC) Syllabus**

- Evolution of the theory of Plate Tectonics
- Plate Tectonics
- Minerals
- The Rock Cycle
- Intrusive igneous rocks
- Volcanoes and volcanic rocks
- Sedimentary rocks
- Metamorphic rocks
- Earthquakes
- Geology of British Columbia and Vancouver Island

### **psc.cg.gov.in Assistant Professor Computer Knowledge Syllabus**

- MS Word, Microsoft OneNote
- Microsoft Access
- Introduction to Computer Science
- Boolean Algebra
- Computer Networks
- Emerging Technologies and Web Publishing
- PC Software and Office Automation
- Database Management System
- Data Structures
- MS PowerPoint
- MS Visio and MS Excel
- Microsoft Outlook
- The Internet
- Workplace Productivity Tools
- MS Project, Microsoft Publisher

### **छत्तीसगढ़ लोक सेवा आयोग Information Technology Syllabus**

- Computer Networks
- Databases
- Theory of Computation
- Operating System
- Programming and Data Structures
- Web Technologies
- Compiler Design
- Digital Logic
- Algorithms
- Computer Organization and Architecture
- Information Systems and Software Engineering