

Town and Country Planning Department Goa

TCP Goa Exam Syllabus – Civil Engineering

- A flow of Fluids, Hydraulic Machines, and Hydro Power
- Fluid Mechanics, Open Channel Flow, Pipe Flow
- Hydraulic Machines and Hydropower
- Hydrology and Water Resources Engineering
- Environmental Engineering
- Water Supply Engineering
- Building Materials
- Structural Analysis
- Design of Steel Structures
- Design of Concrete and Masonry structures
- Construction Practice
- Planning and Management
- Waste Water Engineering
- Solid Mechanics
- Solid Waste Management
- Air, Noise pollution, and Ecology
- Geotechnical Engineering and Foundation Engineering
- Surveying and Geology
- Transportation Engineering
- Highways
- Tunneling
- Railways Systems
- Harbors
- Airports

Town And Country Planning Goa Syllabus – Surveying

- Surveying
- Leveling
- Definition of level surfaces
- Mean sea level
- Reduced level
- Benchmarks
- Leveling instruments
- Temporary and permanent adjustments

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- Fly leveling
- Booking
- Reduction of levels
- Corrections for refraction and curvature reciprocal leveling
- Longitudinal leveling and cross-sectioning contour survey
- Methods of contouring,
- Direct and indirect interpolation,
- Plotting, areas, and volumes
- Trapezoidal rule
- Simpson's rule,
- The area from latitude and departure,
- Uses of planimeter,
- Volumes, trapezoidal and prismoidal formula

टाउन एंड कंट्री प्लानिंग डिपार्टमेंट Goa Syllabus – Architect

- Architecture and urban planning.
- Climate control in buildings.
- Fatigue in large constructions.
- Concrete, steel and glass structures.
- Hydraulics and maritime technology.
- Bridge design and construction.

Town And Country Planning Goa Syllabus – General Knowledge

- Awards
- Authors
- Flower
- Defense
- Culture
- Religion
- Languages
- Capitals
- Wars and
- Neighbors
- Current Affairs
- History
- Anthem

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- 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

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- MS Word, Microsoft OneNote
- Microsoft Access
- Introduction to Computer Science
- Boolean Algebra
- Computer Networks

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- 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

TCP Goa Exam Syllabus – History & Politics Of Goa

- 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

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- Indus Valley Civilization
- 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 the Gupta Era
- Indian Freedom Struggle
- History of the World

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- Curves.
- 3D modeling.
- Multiple Lines.
- Geometric Shapes.
- Isometric drawings.
- Linear Dimensions.
- Polar Arrays.
- Layers and Line Types.
- TCP Goa Exam Syllabus – Legal Awareness
- Finance Commissions
- Taxes on Income and Expenditure
- Financial and Railway Budget
- Revenue of Central Government
- Economic Planning
- Inflation
- National Income
- Public Finance
- Bills
- Concept of Budget
- Schemes and Policies implemented by Government
- Indian Banking Industry History
- Functions of Banks
- Types of Banks
- RBI and its Monetary Policy

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- Capital market in India
- Money Market in India
- Role of Banking