



GENERAL STUDIES & COMPUTER Special Classes

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SESSION PLAN FOR CLASSES

Subject	Total Classes	Total Hours = 202.5	Topic Test	Full Length Test
General Awareness	115 Classes	115 × 1.5 = 172.5	90	25
Computer knowledge	20 Classes	20 × 1.5 = 30	4

GENERAL STUDIES

Ancient Indian History

Day 1	<ul style="list-style-type: none"> • Indus Valley Civilization <ul style="list-style-type: none"> ➤ Origin and extent ➤ Town planning ➤ Agriculture ➤ Animal domestication ➤ Technology and craft ➤ Trade and traded articles with other civilizations ➤ Political organisation ➤ Pottery and terracotta ➤ Believe and faiths ➤ Important excavated sites and their findings ➤ Decline of IVC
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 2	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Vedic <ul style="list-style-type: none"> ➤ Vedic literature ➤ Geography of the Vedic Age ➤ Political Structure of Vedic Age ➤ Society of Vedic Period ➤ The economy of the Vedic Period ➤ The religion of Vedic Period ➤ Important Terms used in Vedic Period • Later Vedic Period <ul style="list-style-type: none"> ➤ Geography of the later Vedic Age ➤ Political Structure of later Vedic Age ➤ Society of later Vedic Period ➤ The economy of the later Vedic Age ➤ The religion of later Vedic Age ➤ Important Terms used in later Vedic Age
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 3	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class <ul style="list-style-type: none"> • Mahajanpadas and their Extent • Mahajanpadas • Rise of the Magadha empire • Haryanaka Dynasty • Nanda Dynasty • Foreign Invasions • Iranian Invasion • Macedonian Invasion

**Class Test (25 Questions) 15 new questions + 10 PYQ****Day 4**

- Discussion of Previous Class Test (25 Questions) is scheduled with the next class
- **Jainism and Buddhism**
 - Reasons to rise these religions
 - Their founders and their life events
 - Core ideals of both religions- such as middle path, Triratna's, etc.
 - Literature – Tripitaka and angama and other sources
 - Sects- Hinayana , Mahayana and Swetambara and Digambara , other smaller sects
 - Similarities and differences between these religions
 - Reasons to decline

✓ **A Sectional TEST FOR THESE 4 DAYS CAN BE TAKEN NOW**

Test structure (50 questions)

1. 30 new questions
2. 10 PYQ
3. 10 from old test papers

Class Test (25 Questions) 15 new questions + 10 PYQ**Day 5**

- Discussion of Previous Sectional Test (50 Questions) is scheduled with the next class
- **Mauryan Age**
 - Chandragupta Maurya
 - Ashoka – dhamma and pillars
 - Mauryan administration and economy
 - Literature
 - Reasons to decline Mauryan empire
 - Important Terms used in Mauryan empire

Class Test (25 Questions) 15 new questions + 10 PYQ**Day 6**

- Discussion of Previous Class Test (25 Questions) is scheduled with the next class
- **Post Mauryan Period**
 - Sunga Dynasty
 - Kanav Dynasty
 - Satvahanas of Deccan and society under them
 - Cheti/ chedi Dynasty of kaling
- **Foreign successors of mauryas**
 - Indo-Greeks
 - Shakas
 - Parthians
 - Kushanas
 - Gandhara and Mathura school of art
- **Beginnings of Brahmanism and Sangam literature**

Class Test (25 Questions) 15 new questions + 10 PYQ**Day 7**

- Discussion of Previous Class Test (25 Questions) is scheduled with the next class
- **Gupta Empire and Post Gupta Era**
 - Chandragupta-1
 - Samundragupta and his policies and Prayag Prashasti
 - Chandragupta-II



	<ul style="list-style-type: none"> ➤ Kumaragupta I ➤ Vardhana Dynasty ➤ Harsha Administration ➤ Buddhism and Nalanda ➤ Harshacharita
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 8	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Gupta Empire and Post Gupta Era part 2 <ul style="list-style-type: none"> ➤ Hiuen Tsang ➤ Aihole inscription ➤ Sanskrit plays ➤ Gupta inscriptions ➤ Administration ➤ Art and culture, science and technology and the golden age ➤ Religious Literature ➤ Fall of empire • State of Deccan and South India <ul style="list-style-type: none"> ➤ Vakatakas ➤ Chalukyas of Badami ➤ Pallavas of Kanchi

✓ **FULL LENGTH TEST OF ANCIENT HISTORY CAN BE TAKEN NOW**

Test structure (50 questions)

1. 30 new questions
2. 10 PYQ
3. 10 from old test papers

Discussion of full length test (50 Questions) is scheduled after the test.

Medieval Indian History

Class Test (25 Questions) 15 new questions + 10 PYQ	
DAY 1	<ul style="list-style-type: none"> • North India (Rajputa Period) <ul style="list-style-type: none"> ➤ The Palas, ➤ The Gurjra-Pratiharas ➤ Rashtrakutas and tripartite struggle ➤ Administration, economy and society under Palas, Pratihara and Rashtrakutas • South India (Cholas and others) <ul style="list-style-type: none"> ➤ Chola Empire ➤ Rajraja and Rajendra I (discussed in detail) ➤ Architecture , society and military strength ➤ Local government
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 2	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Muhammad Ghori <ul style="list-style-type: none"> ➤ The first Battle of Tarain • The Delhi Sultanate Part 1 <ul style="list-style-type: none"> ➤ Slave Dynasty- Qutubuddin Aibak, Iltutmish, Raziya, Balban and major developments during slave dynasty



Class Test (25 Questions) 15 new questions + 10 PYQ

Day 3

- Discussion of Previous Class Test (25 Questions) is scheduled with the next class
- **The Delhi Sultanate Part 2**
 - The Khalji Dynasty
 - The Tughlaq Dynasty
 - Government and economic and social life under the Delhi Sultanate.

Class Test (25 Questions) 15 new questions + 10 PYQ

Day 4

- Discussion of Previous Class Test (25 Questions) is scheduled with the next class
- **The Delhi Sultanate Part 3**
 - Sayyid Dynasty
 - Lodi Dynasty
 - Art and Architecture under the Delhi Sultanate.

Class Test (25 Questions) 15 new questions + 10 PYQ

✓ A Sectional TEST FOR THESE 5 DAYS CAN BE TAKEN NOW

Test structure (50 questions)

1. 30 new questions
2. 10 PYQ
3. 10 from old test papers

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Class Test (25 Questions) 15 new questions + 10 PYQ

Day 7

- Discussion of Previous Sectional Test (50 Questions) is scheduled with the next class
- **Mughal Empire part 1**
 - Babur - The Battle of Panipat I, The Battle of Khanwa etc
 - Humayun's Conquest of Gujarat and his Tussle with Sher Shah
 - Sher Shah Suri and his contributions
- **AKBAR-**
 - ✓ Battle of Panipat II
 - ✓ Land Revenue Administration- Zabti or Bandobast system. Dahsala System
 - ✓ Mansabdari System
 - ✓ Rajput policy
 - ✓ Din-i-Ilahi and religious policy
 - ✓ Mughal Advance towards the Deccan - factors which impelled Akbar to involve himself in the Deccani affairs.
- Jahangir- **Nurjahan and her influence**
- Shah jaha- **architecture and painting development**

Class Test (25 Questions) 15 new questions + 10 PYQ

Day 8

- Discussion of Previous Sectional Test (50 Questions) is scheduled with the next class
- **Mughal Empire part 2**
 - AKBAR-
 - ✓ Battle of Panipat II
 - ✓ Land Revenue Administration- Zabti or Bandobast system. Dahsala System



	<ul style="list-style-type: none"> ✓ Mansabdari System ✓ Rajput policy ✓ Din-i-Ilahi and religious policy ✓ Mughal Advance towards the Deccan - factors which impelled Akbar to involve himself in the Deccani affairs. <p>➤ Jahangir- Nurjahan and her influence</p>
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Class Test (25 Questions) 15 new questions + 10 PYQ

Day 9	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Mughal Empire part 3 • Shah jaha- architecture and painting development • Aurangzeb's Reign <ul style="list-style-type: none"> ➤ Aurangzeb's Religious Policy ➤ Aurangzeb and the Deccani States • Later Mughal <ul style="list-style-type: none"> ➤ Challenges before the Mughals ➤ External Challenges ➤ Weak Rulers after Aurangzeb ➤ Internal Challenge ➤ Causes of Decline of Mughal Empire ➤ Shifting Allegiance of Zamindars ➤ Jagirdari Crisis ➤ Rise of Regional Aspirations ➤ Economic and Administrative Problems ➤ Rise of Regional States Survey of Regional Kingdoms ➤ Nature and Limitations of Regional States ➤ Development in Art, Architecture and Culture
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Class Test (25 Questions) 15 new questions + 10 PYQ

Day 10	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • The Rise of Marathas <ul style="list-style-type: none"> ➤ Early Career of Shivaji ➤ Treaty of Purandar and Shivaji's Visit to Agra ➤ Final Breach with Shivaji-Shivaji's Administration and Achievements ➤ Aurangzeb and Deccan States ➤ Maratha confederacy ➤ Anglo Maratha war
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✓ FULL LENGTH TEST OF MEDIEVAL HISTORY CAN BE TAKEN NOW

Test structure (50 questions)

- 4. 30 new questions
- 5. 10 PYQ
- 6. 10 from old test papers

Discussion of full length test (50 Questions) is scheduled after the test.

Modern Indian History

Day 1	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • The Advent of the Europeans <ul style="list-style-type: none"> ➤ The Portuguese in India ➤ The Dutch
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	<ul style="list-style-type: none">➤ The English➤ The French➤ The Danes
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 2	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• Expansion of British power• British Conquest of Bengal<ul style="list-style-type: none">➤ Bengal on the Eve of British Conquest➤ Alivardi Khan and the English➤ Challenges before Siraj-ud-Daulah➤ The Battle of Plassey➤ Mir Kasim and the Treaty of 1760➤ The Battle of Buxar➤ The Treaty of Allahabad➤ Dual Government in Bengal (1765-72)• Mysore's Resistance to the Company<ul style="list-style-type: none">➤ The Wodeyar/Mysore Dynasty➤ Rise of Haidar Ali➤ First Anglo-Mysore War (1767-69)➤ Second Anglo-Mysore War (1780-84)➤ Third Anglo-Mysore War➤ Fourth Anglo-Mysore War➤ Mysore after Tipu• Conquest of Awadh and Hyderabad
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 3	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• Economic impact of British<ul style="list-style-type: none">➤ British colonialism in India➤ British policies in India➤ British Economic Policies and their impact➤ Land Revenue System• Early Resistance to British Rule<ul style="list-style-type: none">➤ Tribal revolts➤ Various tribal movements in India➤ Civil rebellions and peasant revolts
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 4	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• The revolt of 1857 and personalities associated<ul style="list-style-type: none">➤ The 1857 Revolt: the Major Causes➤ Beginning and Spread of the Revolt➤ Suppression of the Revolt➤ Reasons why the Revolt Failed➤ Hindu-Muslim Unity Factor➤ Nature of the Revolt➤ Consequences➤ Significance of the Revolt

✓ **A Sectional TEST FOR THESE 4 DAYS CAN BE TAKEN NOW**

Test structure (50 questions)

1. 30 new questions
2. 10 PYQ
3. 10 from old test papers



Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 5	<ul style="list-style-type: none">• Discussion of Previous Sectional Test (50 Questions) is scheduled with the next class• Social Reforms in British India• Regeneration, reform, and renaissance in India• Social reformers in India• Nature and limitation of 19th-century renaissance• Caste movement
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 6	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• Nationalist Movement (1858-1905)<ul style="list-style-type: none">➤ Factors in the Growth of Modern Nationalism➤ Political, Administrative and Economic Unification of the Country➤ Western Thought and Education➤ Role of Press and Literature➤ Political Associations in Bengal➤ Political Associations in Bombay➤ Political Associations in Madras➤ Pre-Congress Campaigns
Class Test (25 Questions) 15 new questions + 10 PYQ	

Day 7	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• Indian National Congress: Foundation and the Moderate Phase<ul style="list-style-type: none">➤ Era of Moderates (1885-1905)➤ Contributions of Moderate Nationalists➤ Evaluation of the Early Nationalists
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Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 8	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• The Swadeshi and Boycott Movement• Anti-Partition Campaign under Moderates (1903-05)• The Movement under Extremist Leadership<ul style="list-style-type: none">➤ The Extremist Programme➤ Extent of Mass Participation➤ Annulment of Partition➤ Evaluation of the Swadeshi Movement• The Surat Split• Morley-Minto Reforms-1909

✓ **A Sectional TEST FOR THESE 4 DAYS CAN BE TAKEN NOW**

Test structure (50 questions)

1. 30 new questions
2. 10 PYQ
3. 10 from old test papers



Class Test (25 Questions) 15 new questions + 10 PYQ

Day 9

- Discussion of Previous Sectional Test (50 Questions) is scheduled with the next class
- **Indian Freedom Struggle Under Gandhi part 1**
 - Gandhi in South Africa
 - Gandhi in India
 - Satyagrah- Kheda, Champaran, Ahmadabad
 - Khalifa moment
 - Home Rule League
 - Lucknow Session of the Indian National Congress (1916)
 - Readmission of Extremists to Congress
 - Lucknow Pact between Congress and Muslim League
 - Montagu's Statement of August 1917
 - Gadar movement

Class Test (25 Questions) 15 new questions + 10 PYQ

Day 10

- Discussion of Previous Class Test (25 Questions) is scheduled with the next class
- Indian Freedom Struggle Under Gandhi part 2
- The Rowlatt Act
- Satyagraha against the Rowlatt Act - First Mass Strike
- Jallianwala Bagh Massacre (April 13, 1919)
- The Hunter Committee of Inquiry
- The Khilafat Issue
- The Non-Cooperation Khilafat Movement
- Reasons for Withdrawing the Movement
- Evaluation of Khilafat Non-Cooperation Movement

Class Test (25 Questions) 15 new questions + 10 PYQ

Day 11

- Discussion of Previous Class Test (25 Questions) is scheduled with the next class
- Indian Freedom Struggle Under Gandhi part 2
- Genesis of Congress-Khilafat Swarajya Party
- The Swarajist Manifesto for Elections
- Swarajist Activity in Councils
- Constructive Work by No-Changers
- Spread of Marxist and Socialist Ideas
- Activism of Indian Youth
- Peasants' Agitations
- Growth of Trade Unionism
- Caste Movements
- Revolutionary Activity with a Turn towards Socialism
- Revolutionary Activity During the 1920s
- Simon Commission and the Nehru Report
- Appointment of the Indian Statutory Commission
- Impact of Appointment of Simon Commission on the National Movement
- The Simon Commission Recommendations
- Nehru Report
- The Muslim and Hindu Communal Responses
- Amendments Proposed by Jinnah
- Unsatisfactory Review of the Nehru Report



Class Test (25 Questions) 15 new questions + 10 PYQ

Day 12

- Discussion of Previous Class Test (25 Questions) is scheduled with the next class
- **Indian Freedom Struggle Under Gandhi part 3**
 - Civil Disobedience Movement and Round Table Conferences
 - Calcutta Session of Congress
 - Political Activity during 1929
 - Irwin's Declaration (October 31, 1929)
 - Delhi Manifesto
 - Lahore Congress and Purna Swaraj
 - January 26, 1930: The Independence Pledge
 - Civil Disobedience Movement—The Salt Satyagraha and other Upsurges
 - Gandhi's Eleven Demands
 - Dandi March (March 12-April 6, 1930)
 - Spread of Salt Disobedience
 - Impact of Agitation
 - The extent of Mass Participation
 - Government Response—Efforts for Truce
 - Gandhi-Irwin Pact
 - Evaluation of Civil Disobedience Movement
 - Karachi Congress Session—1931
 - First Round Table Conference
 - Second Round Table Conference
 - Third Round Table Conference
 - Civil Disobedience Resumed
 - Communal Award and Poona Pact
 - Main Provisions of the Communal Award
 - Poona Pact

Class Test (25 Questions) 15 new questions + 10 PYQ

Day 13

- Discussion of Previous Class Test (25 Questions) is scheduled with the next class
- **Indian Freedom Struggle Under Gandhi part 4**
 - Individual satyagraha
 - Quit India movement
 - INA
 - British official response to the national movement
- **Struggle by the Masses, Trade Union Movement in India**
- **Partition of India**

✓ FULL LENGTH TEST OF MODERN HISTORY CAN BE TAKEN NOW

Test structure (50 questions)

1. 30 new questions
2. 10 PYQ
3. 10 from old test papers

Discussion of full length test (50 Questions) is scheduled after the test.

Physical Geography

Day 1

- The Universe & its formation theories.
- Big Bang Theory
- The Solar System
- Members of the Solar System



Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 2	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class<ul style="list-style-type: none">➤ Shape of Earth➤ Latitude & Important latitudes (from North to South)➤ Longitude➤ Standard Time and Greenwich Mean Time & International Date Line➤ Heat zone of Earth➤ Motions of the Earth and their effects➤ Season
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 3	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• Atmosphere & its Composition<ul style="list-style-type: none">➤ Structure of the Atmosphere-Troposphere, Stratosphere, Mesosphere, Thermosphere & Exosphere
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 4	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• Atmospheric Pressure<ul style="list-style-type: none">➤ Vertical variation of Pressure & Horizontal distribution of Pressure➤ Global Pressure Belts➤ Pressure Gradient Force➤ Frictional Force & Coriolis Force➤ Pressure and Wind➤ Movement of the planetary winds➤ Seasonal Wind & Local Winds
<p>✓ A Sectional TEST FOR THESE 4 DAYS CAN BE TAKEN NOW</p> <p>Test structure (50 questions)</p> <ol style="list-style-type: none">1. 30 new questions2. 10 PYQ3. 10 from old test papers	
Day 5	<ul style="list-style-type: none">• Discussion of Previous Sectional Test (50 Questions) is scheduled with the next class• Sources of Information Of the Earth's Interior<ul style="list-style-type: none">➤ Division of Earth's Interior- The Crust, The Mantle & The Core• Minerals• Rocks and its types<ul style="list-style-type: none">➤ Igneous Rocks➤ Sedimentary Rocks➤ Metamorphic Rocks➤ Rock Cycle• Earthquake<ul style="list-style-type: none">➤ Measurement of earthquake➤ Earthquake waves-Body Waves & Surface Waves➤ Shadow Zones➤ Types of earthquakes• Volcanoes<ul style="list-style-type: none">➤ Major types of Volcanoes➤ Intrusive Volcanic Landforms



Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 6	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• Evolution of Landforms<ul style="list-style-type: none">➤ Earth Movements➤ Endogenic Forces➤ Exo-genic Forces➤ Landforms created by the action of Running Water & the action of Groundwater➤ Landforms created by the action of Glacier➤ Landforms created by the action of Wind➤ Mountains and types of Mountains➤ Plateau & Plain
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 7	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class<ul style="list-style-type: none">➤ Humidity- absolute humidity & relative humidity➤ Clouds and their type➤ Types of rainfall➤ World Distribution of Rainfall➤ Salinity of Ocean Waters & Factors affecting ocean salinity➤ Waves➤ Tides & Types of Tides➤ Ocean Currents & Types of Ocean Currents
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 8	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• Types of Forests• Tropical Evergreen Forests• Tropical Deciduous Forests• Temperate Evergreen Forests• Temperate Deciduous Forests• Mediterranean Vegetation• Coniferous Forests• Type of Grasslands• Thorny bushes• Tundra
<p>✓ A Sectional TEST FOR THESE 4 DAYS CAN BE TAKEN NOW</p> <p>Test structure (50 questions)</p> <ol style="list-style-type: none">1. 30 new questions2. 10 PYQ3. 10 from old test papers	
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 9	<ul style="list-style-type: none">• Discussion of Previous Sectional Test (50 Questions) is scheduled with the next class• World Geography through Maps 1<ul style="list-style-type: none">➤ Asia Through Map➤ Africa Through Map➤ Australia Through Map



Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 10	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • World Geography through Maps 1 <ul style="list-style-type: none"> ➤ Europe Through Map ➤ North America Through Map ➤ South America Through Map
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 11	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class <ul style="list-style-type: none"> ➤ Major Mountain Ranges of the World ➤ Important Cities ➤ Important Gulfs and Bays of the World ➤ Important Seas ➤ Major Straits of the World ➤ Lakes ➤ Deserts ➤ Energy Resources ➤ Mineral Resources

✓ **FULL LENGTH TEST OF PHYSICAL GEOGRAPHY CAN BE TAKEN NOW**

Test structure (50 questions)

1. 30 new questions
2. 10 PYQ
3. 10 from old test papers

Discussion of full length test (50 Questions) is scheduled after the test.

INDIAN GEOGRAPHY

Day 1	<ul style="list-style-type: none"> • Location, size, India and the world & India's neighbours
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 2	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Geological divisions. <ul style="list-style-type: none"> ➤ The Himalayas and other Peninsular Mountains ➤ Indo-Ganga-Brahmaputra Plain • Physiography <ul style="list-style-type: none"> ➤ The Northern Plain ➤ The Peninsular Plateau <ul style="list-style-type: none"> ✓ The Deccan Plateau ✓ Western Ghat ✓ Eastern Ghat ✓ The Central Highlands ➤ The Indian Desert ➤ The Coastal Plains ➤ The Islands
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 3	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Drainage system & Important Drainage Patterns <ul style="list-style-type: none"> ➤ Indian drainage System and its Classification ➤ Evolution of the Himalayan Drainage



	<ul style="list-style-type: none"> • The River Systems of the Himalayan Drainage <ul style="list-style-type: none"> ➤ The Indus River System ➤ The Ganga River System ➤ The Brahmaputra River System • The Peninsular Drainage System <ul style="list-style-type: none"> ➤ Evolution of Peninsular Drainage System ➤ River Systems of the Peninsular Drainage <ul style="list-style-type: none"> ✓ East Flowing River ✓ West-Flowing Rivers ➤ Comparison between Himalayan and Peninsular Rivers
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Class Test (25 Questions) 15 new questions + 10 PYQ

Day 4	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Climate & Weather <ul style="list-style-type: none"> ➤ Factors influencing the climate of India including the impact of Monsoon ➤ Winds, Westerly Jet stream, Easterly Jet, Western Disturbances and Tropical Cyclones, El - Nino Effect Southern Oscillation & Role of ITCZ etc. • Concept Of Monsoon • Cycle of Seasons in India <ul style="list-style-type: none"> ➤ The cold-weather season ➤ The Hot Weather Season ➤ The advancing monsoon seasons ➤ Retreating / Post Monsoon (The Transition Season) ➤ Distribution Of Rainfall
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✓ **A Sectional TEST FOR THESE 4 DAYS CAN BE TAKEN NOW**

Test structure (50 questions)

1. 30 new questions
2. 10 PYQ
3. 10 from old test papers

Class Test (25 Questions) 15 new questions + 10 PYQ

Day 5	<p>Discussion of Previous Sectional Test (50 Questions) is scheduled with the next class</p> <ul style="list-style-type: none"> • Soil & Components of soil <ul style="list-style-type: none"> ➤ Classification of Soil- Alluvial soil, Black soil, red and yellow soils, Laterite ➤ soil, Arid soil, Saline soil, Peaty soil & Forest soil ➤ Soil Degradation ➤ Soil Erosion -Causes, Factors affecting & impact ➤ Soil conservation methods
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Class Test (25 Questions) 15 new questions + 10 PYQ

Day 6	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class <ul style="list-style-type: none"> ➤ Natural Vegetation ➤ Major factors influence Natural Vegetation ➤ Indian Forests ➤ Tropical Evergreen and Semi-Evergreen Forests ➤ Tropical Evergreen Forests ➤ Semi-Evergreen Forests ➤ Tropical Deciduous Forests
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	<ul style="list-style-type: none"> ➤ Moist Deciduous Forests ➤ Dry Deciduous Forests ➤ Tropical Thorn Forests ➤ Montane Forests ➤ The Southern Mountain Forests ➤ Littoral and Swamp Forests ➤ Forest Conservation in India
Class Test (25 Questions) 15 new questions + 10 PYQ	
<p>Day 7</p>	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Transport and Communication • Modes of Transportation • Land Transport <ul style="list-style-type: none"> ➤ Road Transport- Major highways of the world, Road Transport Of • India & Classification of Road Transport <ul style="list-style-type: none"> ➤ Importance of Road Transport vis-à-vis rail transport ➤ Railways-Trans-continental Railways, Trans-Siberian Railways, Trans-Canadian Railways etc. ➤ Railways in India <ul style="list-style-type: none"> ✓ Three categories Indian Railways <ul style="list-style-type: none"> ▪ Broad gauge ▪ Metre gauge ▪ Narrow gauge • Water Transport <ul style="list-style-type: none"> ➤ Sea Routes- Important Sea Routes of the world ➤ Inland Waterways of World & India ➤ Important Inland waterways of the world ➤ National Waterways <ul style="list-style-type: none"> ✓ Coastal Shipping <ul style="list-style-type: none"> ▪ The Suez Canal ▪ The Panama Canal ➤ Important Ports of India ➤ Important Projects such as Sagarmala Project, SetuBharatam project & Bharatmala Project • Air Transport <ul style="list-style-type: none"> ➤ Inter-continental Air Routes ➤ Major Airports in India • Pipelines <ul style="list-style-type: none"> ➤ Important networks of pipeline of India • Communications (World & India) <ul style="list-style-type: none"> ➤ Mode of communication <ul style="list-style-type: none"> ✓ Satellite Communication ✓ Cyber Space – Internet • International Trade
Class Test (25 Questions) 15 new questions + 10 PYQ	
<p>Day 8</p>	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Land Resources and Agriculture <ul style="list-style-type: none"> ➤ Land Use and the land-use categories ➤ Agricultural Land Uses in India ➤ Cropping Seasons in India ➤ Types of farming



	<ul style="list-style-type: none">✓ Irrigated✓ Rainfed➤ Food Grains➤ Cereals-Rice & Wheat➤ Coarse Cereals- Jowar, Bajra & Maize➤ Pulses- Gram, Tur (Arhar)➤ Oilseeds➤ Fibre Crops- Cotton & Jute➤ Other Crops- Sugarcane, Tea & Coffee➤ Agricultural Development in India and Strategy➤ Problems of Indian Agriculture• Water Resources<ul style="list-style-type: none">➤ Types of Water Resources-Surface Water Resources, Groundwater➤ Resources & Lagoons and Backwaters➤ Irrigation➤ Generation of electricity➤ Emerging Water Problems➤ Deterioration of Water Quality➤ Water Conservation and Management➤ Prevention of water pollution➤ Recycle and Reuse water➤ Watershed Management
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Class Test (25 Questions) 15 new questions + 10 PYQ

Day 9	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• Mineral And Energy Resources<ul style="list-style-type: none">➤ Minerals & Classification of minerals➤ Distribution of Minerals in India➤ Important minerals found in India their distribution➤ Ferrous Minerals-Iron Ore & Manganese➤ Non-ferrous minerals- Bauxite- Copper➤ Non-Metallic Minerals- Mica➤ Rock Minerals- Limestone• Energy Resources<ul style="list-style-type: none">➤ Classified of Energy Resources➤ Conventional- Coal, Petroleum & Natural Gas➤ Non-conventional sources- Nuclear/Atomic Energy sources, Solar Energy,➤ Wind Energy, Tidal and Wave Energy, Geothermal Energy & Bioenergy➤ Conservation of Mineral Resources
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✓ FULL LENGTH TEST OF INDIAN GEOGRAPHY CAN BE TAKEN NOW

Test structure (50 questions)

1. 30 new questions
2. 10 PYQ
3. 10 from old test papers

Discussion of full length test (50 Questions) is scheduled after the test.



INDIAN POLITY

Day 1

- Discussion of Previous Class Test (25 Questions) is scheduled with the next class
- **Introduction of political science & politics**
- **Historical background of the Indian constitution**
- **Constitutional Growth & History**
 - The Regulating Act (1773)
 - Bengal Judicature Act (1781)
 - Pitt's India Act (1784)
 - Charter Act (1793)
 - Charter Act (1813)
 - Charter Act (1833)
 - Charter Act (1853)
 - The Government of India Act (1858)
 - Indian Council Act (1861)
 - Indian Council Act (1892)
 - Indian Council Act (1909)
 - The Government of India Act (1919)
 - The Government of India Act (1935)
 - Indian Independence Act (1947)

Class Test (25 Questions) 15 new questions + 10 PYQ

Day 2

- Discussion of Previous Class Test (25 Questions) is scheduled with the next class
- **Framing of the Indian constitution**
 - Composition of the Constituent Assembly
 - Working of the Constituent Assembly
 - Committees of the Constitutional Assembly
 - Enactment of the Constitution
 - Enforcement of the Constitution
 - Criticism of the Constituent Assembly
- **Preamble**
 - Text of the Preamble
 - Ingredients of the Preamble
 - Keywords of the Preamble
 - Significance of the Preamble
 - Preamble as Part of Constitution
 - Amenability of the Preamble
 - Basic structure of the Constitution

Class Test (25 Questions) 15 new questions + 10 PYQ

Day 3

- Discussion of Previous Class Test (25 Questions) is scheduled with the next class
- **Union and States**
 - Parliament and Reorganization of States
 - Evolution of States and Union Territories
- **Citizenship**
 - Constitutional Provisions
 - Citizenship Act, 1955
 - Single Citizenship
 - Recent development



Class Test (25 Questions) 15 new questions + 10 PYQ

Day 4

- Discussion of Previous Class Test (25 Questions) is scheduled with the next class
- Fundamental rights
 - Features of Fundamental Rights
 - Definition of States
 - Law Inconsistent with Fundamental Rights
 - Right to Equality
 - Right to Freedom
 - Right Against Exploitation
 - Right to Freedom of Religion
 - Cultural and Educational Rights
 - Right to Constitutional Remedies
 - Writs - Type and Scope
 - Armed Forces and Fundamental Rights
 - Martial Law and Fundamental Rights
 - Present Position of Right to Property
 - Exceptions to Fundamental Rights
 - Criticism of Fundamental Rights
 - Significance of Fundamental Rights

✓ A Sectional TEST FOR THESE 4 DAYS CAN BE TAKEN NOW

Test structure (50 questions)

1. 30 new questions
2. 10 PYQ
3. 10 from old test papers

Class Test (25 Questions) 15 new questions + 10 PYQ

Day 5

- Discussion of Previous Sectional Test (50 Questions) is scheduled with the next class
- **Directive principles of state policy**
 - **Features of Directive Principles**
 - **Classification of Directive Principles**
 - **New Directive Principles**
 - **Sanction behind Directive Principle**
 - **Criticism of Directive Principles**
 - **Utility of Directive Principles**
 - **The conflict between Fundamental Rights and Directive Principles**
 - **Implementation of Directive Principles**
- Fundamental duties
 - **Swarna Singh Committee Recommendations**
 - **List of Fundamental Duties**
 - **Features of the Fundamental Duties**
 - **Criticism of Fundamental Duties**
 - **Significance of Fundamental Duties**

Class Test (25 Questions) 15 new questions + 10 PYQ

Day 6

- Discussion of Previous Class Test (25 Questions) is scheduled with the next class
- President
 - Election of the President
 - President-Qualifications, Oath and Conditions
 - President-Term, Impeachment and Vacancy
 - President-Powers and Functions of the President
 - Veto Power of the President
 - Ordinance-Making Power of the President
 - Pardoning Power of the President
 - Attorney general of India



	<ul style="list-style-type: none"> ➤ Comptroller and auditor general of India • The vice-president ➤ Vice-President-Election ➤ Vice-President-Qualifications ➤ Vice-President-Oath or Affirmation ➤ Vice-President-Conditions of Office ➤ Vice-President-Term of Office ➤ Vice-President-Vacancy in Office ➤ Vice-President-Election Disputes ➤ Vice-President-Powers and Functions ➤ Indian and American Vice-Presidents Compared <ul style="list-style-type: none"> ➤ Vice-President-Emoluments
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 7	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • The prime minister <ul style="list-style-type: none"> ➤ Prime Minister-Oath, Term and Salary ➤ Powers and Functions of the Prime Minister ➤ Prime Minister-Role Descriptions ➤ Prime Minister relationship with the President ➤ Chief Ministers Who Became Prime Ministers ➤ Central Council of Ministers ➤ Cabinet Committee
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 8	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Parliament Part 1 <ul style="list-style-type: none"> ➤ Organisation of Parliament ➤ Composition of the Two Houses ➤ System of Elections to Lok Sabha ➤ Duration of Two Houses ➤ Membership of Parliament ➤ Presiding Officers of Parliament ➤ Leaders in Parliament ➤ Sessions of Parliament ➤ Devices of Parliamentary Proceedings ➤ Legislative Procedure in Parliament
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 9	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Parliament Part 2 <ul style="list-style-type: none"> ➤ Joint Sitting of Two Houses ➤ Budget in Parliament ➤ Multifunctional Role of Parliament ➤ Ineffectiveness of Parliamentary Control ➤ Position of Rajya Sabha ➤ Parliamentary Privileges ➤ Sovereignty of Parliament ➤ Parliamentary Committee ➤ Parliamentary Forums

✓ A Sectional TEST FOR THESE 5 DAYS CAN BE TAKEN NOW



Test structure (50 questions)

4. 30 new questions
5. 10 PYQ
6. 10 from old test papers

Day 10	<ul style="list-style-type: none"> • Discussion of Previous Sectional Test (50 Questions) is scheduled with the next class <ul style="list-style-type: none"> ➤ Governor ➤ State legislature ➤ Organisation of State Legislature ➤ Composition of Two Houses ➤ Duration of Two Houses ➤ Membership of State Legislature ➤ Presiding Officers of State Legislature ➤ Sessions of State Legislature ➤ Legislative Procedure in State Legislature ➤ Position of Legislative Council ➤ Privileges of State Legislature • Centre-state relations
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 11	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Judiciary <ul style="list-style-type: none"> ➤ Supreme Court ➤ High Court ➤ Subordinate Courts ➤ Judicial Reforms
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 12	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Local Self Government • Panchayati Raj Institutions <ul style="list-style-type: none"> ➤ Evolution of Panchayati Raj ➤ 73rd Amendment Act of 1992 ➤ Compulsory and Voluntary Provisions ➤ PESA Act of 1996 (Extension Act) • Urban Local Bodies <ul style="list-style-type: none"> ➤ Evolution of Urban Bodies ➤ 74th Amendment Act of 1992 ➤ Types of Urban Governments ➤ Municipal Personnel
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 13	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Constitutional Bodies <ul style="list-style-type: none"> ➤ Election Commission ➤ Union Public Service Commission ➤ State Public Service Commission ➤ Finance Commission ➤ National Commission for SCs ➤ National Commission for STs ➤ Special Officers for Linguistic Minorities ➤ Comptroller and Auditor General of India ➤ Attorney General of India ➤ Advocate General of State
Class Test (25 Questions) 15 new questions + 10 PYQ	



Day 14	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Non constitutional bodies <ul style="list-style-type: none"> ➤ Planning Commission ➤ National Development Council ➤ National Human Rights Commission ➤ State Human Rights Commission ➤ Central Information Commission ➤ State Information Commission ➤ Central Vigilance Commission ➤ Central Bureau of Investigation ➤ Lokpal and Lokayuktas
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Class Test (25 Questions) 15 new questions + 10 PYQ

Day 15	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Statutory Bodies <ul style="list-style-type: none"> ➤ National Human Rights Commission ➤ National Commission for Women ➤ National Commission for Minorities ➤ National Commission for Backward Classes ➤ National Law Commission ➤ National Green Tribunal ➤ National Consumer Disputes Redressal Commission ➤ Armed Forces Tribunal
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Class Test (25 Questions) 15 new questions + 10 PYQ

Day 16	<ul style="list-style-type: none"> • International Organisations <ul style="list-style-type: none"> ➤ United Nation and UNSC ➤ BRICS ➤ Commonwealth ➤ Shanghai Cooperation Organization ➤ IMF and World Bank ➤ NATO ➤ WTO ➤ Arctic Council
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✓ **FULL LENGTH TEST OF INDIAN POLITY CAN BE TAKEN NOW**

Test structure (50 questions)

1. 30 new questions
2. 10 PYQ
3. 10 from old test papers

Discussion of full length test (50 Questions) is scheduled after the test.

Economics

Day 1	<ul style="list-style-type: none"> • Characteristics of Indian economy • Sectors of economy • Definition & history <ul style="list-style-type: none"> ➤ GDP, GNP, NNP, FACTOR COST, MARKET PRICE ➤ GDP Deflater ➤ Concept Related to national income • Methods of measuring national income • India's latest National Income estimates • New series of National Statics (Base year 2011-12) • Per Capita Income • Purchasing Power Parity
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	<ul style="list-style-type: none"> • Lorenz Curve • Philip's Curve • Gini Coefficient • Need to Measure Economic Growth • Reliability of GDP as a Measure of Progress • Alternative to GDP Human Development Index <ul style="list-style-type: none"> ➤ Human Poverty Index ➤ Social Progress Index ➤ Green GDP ➤ Happiness Index
Class Test (25 Questions) 15 new questions + 10 PYQ	

Day 2	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Socio-Economic Issues • Inequalities Concept <ul style="list-style-type: none"> ➤ Measurement ➤ Lorenz Curve and Gini Coefficient • Poverty <ul style="list-style-type: none"> ➤ Concept, Measurement, Poverty Line ➤ Indicators, Trends ➤ Causes and Remedial Measures • Unemployment <ul style="list-style-type: none"> ➤ Concept, Types ➤ Measurement: UPS, CWS and CDS
Class Test (25 Questions) 15 new questions + 10 PYQ	

Day 3	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Concept of Demand & supply <ul style="list-style-type: none"> ➤ Meaning & Law of Demand ➤ Factors of Demand ➤ Movement and Shift in Demand Curve ➤ Elasticity of Demand ➤ Types of Good ➤ Normal inferior luxury, complementary, substitute & Giffin Goods ➤ Price Determination • Production & factors of production <ul style="list-style-type: none"> ➤ Cost- concept & Types of cost ➤ Revenue & its forms ➤ Forms of market ➤ Perfect competition
Class Test (25 Questions) 15 new questions + 10 PYQ	

Day 4	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Economic reform & planning <ul style="list-style-type: none"> ➤ Indian economy (1950-90) ➤ New Economic policy 1991 ➤ Five-year plan & planning commission ➤ Type of planning & aim of planning
Class Test (25 Questions) 15 new questions + 10 PYQ	



Day 5

- Discussion of Previous Class Test (25 Questions) is scheduled with the next class
- **Fiscal Policy**
- **Basic Concept and Definition**
 - Fiscal Deficit
 - Types of Fiscal deficit
 - Deficit Financing
 - How Much of Fiscal Deficit Is Right ?
 - Reducing Fiscal Deficit
 - FRBM Act 2003
 - FRBM 2.0
 - Kelkar Committee
 - Bimal Jalan Committee
 - N.K Singh Committee
 - Major Budget Reform
 - Debt Management

✓ A Sectional TEST FOR THESE 5 DAYS CAN BE TAKEN NOW

Test structure (50 questions)

7. 30 new questions

8. 10 PYQ

9. 10 from old test papers

Class Test (25 Questions) 15 new questions + 10 PYQ

Day 6

- Discussion of Previous Sectional Test (50 Questions) is scheduled with the next class
- **Money Market**
- **Basic Concept and Definition**
 - Call Money
 - Government Securities
 - Treasure Bill
 - Cash Management Bill
 - Inter-corporate Deposit Market
 - Commercial Papers
 - Ready Forward Contracts
 - Commercial Bills
 - Discount and Finance House of India
 - LIBOR
 - MIBOR
 - Money Market Reforms
- **Capital Market**
 - Government Securities
 - State Development Loan
 - Development Finance Institutions
 - Collective Investment Schemes
 - Alternative Investment Funds
 - Real Estate Investment Trust
 - Mutual Fund
 - Hedge Fund
 - Venture Capital
 - Angel Investors
 - Private Equity
 - Hundi
 - Chit Funds
 - Importance of Stock Exchange



	<ul style="list-style-type: none">➤ Stock Exchanges in India➤ SEBI➤ Commodity Exchanges➤ Foreign Portfolio Investor➤ FIIs➤ QFIs➤ Difference b/w FDI and FII➤ Participatory Notes➤ Equity➤ Share➤ Bond➤ Debenture➤ Bear Market and Bull Market
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 7	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class<ul style="list-style-type: none">➤ Money, banking & financial Market system in India➤ Money work & Types➤ RBI & Monetary Policy➤ Financial Inclusion➤ Banking System Structure & Type, Merger➤ Digital banking & its tool➤ NEFT, RTGS, IMPS, CTS, MICR, AePS, NACH, IFSC, RuPAY, NBFC,➤ Demonetisation, NPA
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 8	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• Taxation• Basic Concept and Definition<ul style="list-style-type: none">➤ Types of Taxes➤ Methods of Taxation➤ Direct and Indirect Tax Ratio➤ Tax to GDP Ratio➤ Broadening of Tax Base➤ Tax Amnesty Schemes➤ Direct Tax Code➤ Inverted Duty Structure➤ Tax Expenditure➤ Tax Havens➤ Tobin Tax➤ Pigouvian Tax➤ Base Erosion and Profit Shifting➤ Transfer Pricing➤ Advanced Pricing Agreement➤ Double Taxation Avoidance Agreement➤ India-Mauritius Protocol-2016➤ POEM➤ GAAR➤ Tax Information Exchange Agreement➤ Service Tax➤ GST



Class Test (25 Questions) 15 new questions + 10 PYQ

Day 9	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Inflation <ul style="list-style-type: none"> ➤ Types of Inflation ➤ Effects of Inflation ➤ Measurement of Inflation ➤ Types of Inflation Based on Causes ➤ Small Amount of Inflation Is Good. ➤ Optimal Inflation Concept ➤ Inflation and Corruption Correlation ➤ Inflation Targeting ➤ Deflation ➤ Stagflation ➤ Disinflation ➤ Measures to Check Inflation
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Class Test (25 Questions) 15 new questions + 10 PYQ

Day 10	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Foreign Trade and Investment • Foreign Capital <ul style="list-style-type: none"> ➤ Foreign Direct Investment ➤ Portfolio Investment ➤ Multinational Corporations ➤ FDI in E-commerce, Multi-brand Retail, Defence, Etc. ➤ External Debt ➤ Foreign Trade ➤ Trade Policy ➤ Export Promotion Schemes and FTP 2015-20 ➤ SEZ, Reverse SEZ and IFSC ➤ Globalization
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✓ **FULL LENGTH TEST OF INDIAN ECONMICS CAN BE TAKEN NOW**

Test structure (50 questions)

1. 30 new questions
2. 10 PYQ
3. 10 from old test papers

Discussion of full length test (50 Questions) is scheduled after the test.

Physics

Day 1	<ul style="list-style-type: none"> • Units and symbols <ul style="list-style-type: none"> ➤ Scalar and vector quantities • Motion <ul style="list-style-type: none"> ➤ Rectilinear motion ➤ Angular motion ➤ Rotational motion
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Class Test (25 Questions) 15 new questions + 10 PYQ

Day 2	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Force <ul style="list-style-type: none"> ➤ Torque (or Moment of Force) ➤ Applications of Centripetal and Centrifugal forces
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	<ul style="list-style-type: none">➤ Newton's Laws of Motion➤ Impulse➤ Friction➤ Newton's laws of motion <ul style="list-style-type: none">• Work, Energy and power
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 3	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class <p>Gravitation</p> <ul style="list-style-type: none">➤ Newton's Law of Gravitation (Universal Law of Gravitation)➤ Application of gravity.➤ Satellite➤ Geostationary satellite➤ Polar satellite
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 4	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• Mechanical properties of fluids<ul style="list-style-type: none">➤ Fluid Pressure➤ Atmospheric pressure➤ Pascal's Law Buoyancy• Floatation<ul style="list-style-type: none">➤ Archimedes' Principle➤ Applications of Archimedes Principle• Surface Tension<ul style="list-style-type: none">➤ Capillarity➤ Flow of Fluid➤ Bernoulli's Theorem➤ Viscosity
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 5	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• Oscillations<ul style="list-style-type: none">➤ Simple Harmonic Motion• Waves<ul style="list-style-type: none">➤ Types of Waves➤ Types of Mechanical Waves➤ Sound Waves➤ Doppler Effect➤ Electromagnetic Waves

✓ **A Sectional TEST FOR THESE 5 DAYS CAN BE TAKEN NOW**

Test structure (50 questions)

1. 30 new questions
2. 10 PYQ
3. 10 from old test papers



Class Test (25 Questions) 15 new questions + 10 PYQ

Day 6

- Discussion of Sectional Test (50 Questions) is scheduled with the next class
- **Thermal properties of matter**
 - Ideal-gas equation and Absolute temperature
 - Boyle's law
 - Charles' law
 - Kirchhoff's law
 - Black Body
 - Newton's Law of Cooling
- **Thermodynamics**
 - Thermal equilibrium
 - Zeroth law of thermodynamics
 - The first law of thermodynamics
 - Heat engines
 - The second law of thermodynamics

Class Test (25 Questions) 15 new questions + 10 PYQ

Day 7

- Discussion of Previous Class Test (25 Questions) is scheduled with the next class
- **Optics part 1**
 - Light
 - Reflection of light
 - Laws of Reflection
 - Mirror
 - Use of Spherical Mirrors
 - Mirror Formula
 - Law of Refraction
 - Refractive Index
 - Total Internal Reflection

Class Test (25 Questions) 15 new questions + 10 PYQ

Day 8

- Discussion of Previous Class Test (25 Questions) is scheduled with the next class
- **Optics part 2**
 - Spherical Lenses
 - Lens Formula
 - Power of a lens
 - Dispersion of Light
 - Creation of Rainbow
 - Scattering of light
 - Colours
 - Human Eye
 - Defects of Human Eye
 - Optical Instrument
 - The Microscope
 - Telescope

Class Test (25 Questions) 15 new questions + 10 PYQ

Day 9

- Discussion of Previous Class Test (25 Questions) is scheduled with the next class
- **Electricity**
 - Charge



	<ul style="list-style-type: none">➤ Coulomb's law➤ Electrolysis➤ Types of Electric Current➤ Electric Cell➤ Faraday's Laws of Electrolysis Ohm's law➤ Conductors, Resistors, Semiconductors, and Insulators➤ Ammeter and Voltmeter➤ Heating Effect of Electricity➤ Electric Power➤ Capacitor
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 10	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• Magnetism<ul style="list-style-type: none">➤ Magnetic Field➤ Magnetism and Matter➤ Bar Magnet➤ Gauss's law➤ Magnetic properties of materials➤ Ferromagnetism➤ Diamagnetism➤ Magnetic Permeability➤ Magnetic Susceptibility and Retentively➤ Permanent magnets and Electromagnets➤ Electromagnetic Induction➤ Faraday's law of Induction➤ Fleming's Right-Hand Rule➤ Inductance➤ AC generator
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 11	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• Modern Physics• Atomic and nuclear physics
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 12	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class • General Physics

✓ **FULL LENGTH TEST OF PHYSICS CAN BE TAKEN NOW**

Test structure (50 questions)

1. 30 new questions
2. 10 PYQ
3. 10 from old test papers

Discussion of full length test (50 Questions) is scheduled after the test.



CHEMISTRY

Day 1	Basic Concepts Of Chemistry <ul style="list-style-type: none">➤ Matter and its states➤ Comparison between Solids, Liquids and Gases➤ Change of States of Matter➤ Sublimation➤ Evaporation➤ Particles of Matter The solution, Solute, and Solvent <ul style="list-style-type: none">➤ Tyndall effect➤ Colloidal Solution
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 2	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• Classification of Matter<ul style="list-style-type: none">➤ Properties of Matter and Their Measurement➤ Laws of Chemical Combinations➤ Law of Conservation of Mass➤ Law of Constant• Gas Laws<ul style="list-style-type: none">➤ Boyle's Law, Charles' Law & Gay Lussac's Law➤ Combined Gas Law or Ideal Gas Equation
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 3	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• Atomic Structure and Atomic Theories<ul style="list-style-type: none">➤ Dalton's Atomic Theory➤ Modern Atomic Theory➤ Different Atomic Species➤ Isotope & Isobars➤ Atomic and Molecular Masses➤ Atomic Mass, Average Atomic Mass & Molecular Mass➤ Mole Concept and Molar Masses➤ Elements Compounds and Mixtures
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 4	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class Periodic Table Part 1 <ul style="list-style-type: none">➤
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 5	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class➤ Periodic Table Part 2
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 6	<ul style="list-style-type: none">• Discussion of Sectional Class Test (50 Questions) is

✓ **A Sectional TEST FOR THESE 5 DAYS CAN BE TAKEN NOW**

Test structure (50 questions)

4. 30 new questions

5. 10 PYQ

6. 10 from old test papers

Class Test (25 Questions) 15 new questions + 10 PYQ



	<p>scheduled with the next class</p> <ul style="list-style-type: none">• Chemical Bonding And Structure<ul style="list-style-type: none">➤ Electronic Theory of Valency➤ Types of Chemical Bonds➤ Electrovalent or ionic bond, Covalent bond, Hydrogen Bond, Coordinate or Dative covalent bond➤ Van der Waals' forces• Chemical Reactions<ul style="list-style-type: none">➤ Types of Chemical Reactions
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 7	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• Acid base and salts• Radioactivity
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 8	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• Basic Organic Chemistry, Hydrocarbons<ul style="list-style-type: none">➤ Some organic compounds, their properties, & uses<ul style="list-style-type: none">✓ Methane, Methyl alcohol, Ethyl alcohol Methyl Isocyanate, Urea, Dichloro diphenyl trichloroethane, Trinitrotoluene (TNT), Chloroform, Glycerol, Formic acid, Acetic acid, Oxalic acid✓ Allotropes of Carbon
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 9	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• Chemistry in everyday life part 1• Synthetic Materials in Everyday Life• Manure, Fertilizers and Pesticides• RDX (Research and development explosive, Dynamite• Polymers- Polythene, Teflon, Thermocol, Carbon fibres, Nylon, Rubber
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 10	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• Chemistry in everyday life part 2<ul style="list-style-type: none">➤ Analgesics (Pain relievers), Antibiotics, Antiseptics and Disinfectants➤ Chemicals in Food➤ Fire Extinguisher➤ Chemicals in Cosmetics

✓ **FULL LENGTH TEST OF CHEMISTRY CAN BE TAKEN NOW**

Test structure (50 questions)

1. 30 new questions
2. 10 PYQ
3. 10 from old test papers

Discussion of full length test (50 Questions) is scheduled after the test.



Biology	
Day 1	<ul style="list-style-type: none"> • Cell & Cell Organelle <ul style="list-style-type: none"> • Prokaryotic Cells vs. Eukaryotic Cells • Cell cycle and cell division
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 2	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Animal Tissues <ul style="list-style-type: none"> ➤ Epithelial Tissue, Connective Tissue, Muscular Tissue etc. • Plant Tissues
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 3	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Blood and Circulatory System part 1 <ul style="list-style-type: none"> ➤ Blood & Blood Vessels ➤ Lymph (Tissue Fluid) ➤ Cardiac Cycle
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 4	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Blood and Circulatory System part 2 <ul style="list-style-type: none"> ➤ Blood Groups
<p>✓ A Sectional TEST FOR THESE 4 DAYS CAN BE TAKEN NOW</p> <p>Test structure (50 questions)</p> <p>7. 30 new questions</p> <p>8. 10 PYQ</p> <p>9. 10 from old test papers</p>	
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 5	<ul style="list-style-type: none"> • Discussion of Sectional Class Test (50 Questions) is scheduled with the next class • Biomolecules <ul style="list-style-type: none"> ➤ Vitamins, fats, enzymes ➤ Deficiency diseases
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 6	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Human Digestive System part 1 <ul style="list-style-type: none"> ➤ Digestive Glands
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 7	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Human Digestive System part 2 <ul style="list-style-type: none"> ➤ Digestive Glands
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 8	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Human Respiratory System <ul style="list-style-type: none"> ➤ Respiration ➤ Mechanism of Breathing ➤ Exchange of Gases ➤ Transport of Gases



Class Test (25 Questions) 15 new questions + 10 PYQ

Day 9	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Neural Control and Coordination • Nervous System <ul style="list-style-type: none"> ➤ Human Brain ➤ Reflex Action and Reflex Arc • Movements <ul style="list-style-type: none"> ➤ Muscular System – Muscle Types ➤ Skeletal System
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✓ **A Sectional TEST FOR THESE 5 DAYS CAN BE TAKEN NOW**

Test structure (50 questions)

1. 30 new questions
2. 10 PYQ
3. 10 from old test papers

Class Test (25 Questions) 15 new questions + 10 PYQ

Day 10	<ul style="list-style-type: none"> • Discussion of sectional Class Test (50 Questions) is scheduled with the next class <ul style="list-style-type: none"> ➤ Endocrine system part 1
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Class Test (25 Questions) 15 new questions + 10 PYQ

Day 11	<ul style="list-style-type: none"> • Discussion of sectional Class Test (50 Questions) is scheduled with the next class <ul style="list-style-type: none"> ➤ Endocrine system part 2
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Class Test (25 Questions) 15 new questions + 10 PYQ

Day 12	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class <ul style="list-style-type: none"> ➤ Excretory System
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Class Test (25 Questions) 15 new questions + 10 PYQ

Day 13	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class <ul style="list-style-type: none"> ➤ The Living World part 1 ➤ Biological Classification of Plants and Animals • Monera, Protista, Fungi, Plantae, Animalia
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✓ **A Sectional TEST FOR THESE 5 DAYS CAN BE TAKEN NOW**

Test structure (50 questions)

4. 30 new questions
5. 10 PYQ
6. 10 from old test papers

Class Test (25 Questions) 15 new questions + 10 PYQ

Day 14	<ul style="list-style-type: none"> • Discussion of) Previous Sectional Test (50 Questions) is scheduled with the next class • The Living World part 2 • Plant Kingdom <ul style="list-style-type: none"> ➤ Plant Parts and Their Functions ➤ Structural Organization in Plants ➤ Transport Of Water And Minerals In Plants ➤ Thallophytes, Bryophytes, Pteridophytes etc. ➤ Morphology & Anatomy of flowering plants
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Class Test (25 Questions) 15 new questions + 10 PYQ



Day 15	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class The Living World part 2 Plant Kingdom • Plant Parts and Their Functions • Structural Organization in Plants • Transport Of Water And Minerals In Plants • Thallophytes, Bryophytes, Pteridophytes etc. • Morphology & Anatomy of flowering plants
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 16	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Diseases Acute and Chronic Diseases part 1 <ul style="list-style-type: none"> ➤ Communicable Diseases ➤ Diseases Caused by Microorganisms ➤ Organ-Specific and Tissue Specific Diseases ➤ Vaccination and Immunization ➤ Diseases in Indian Children
Class Test (25 Questions) 15 new questions + 10 PYQ	
Day 17	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Diseases Acute and Chronic Diseases part 2 <ul style="list-style-type: none"> ➤ Communicable Diseases ➤ Diseases Caused by Microorganisms ➤ Organ-Specific and Tissue Specific Diseases ➤ Vaccination and Immunization ➤ Diseases in Indian Children

FULL LENGTH TEST OF BIOLOGY CAN BE TAKEN NOW

Test structure (50 questions)

1. 30 new questions
2. 10 PYQ
3. 10 from old test papers

Discussion of full length test (50 Questions) is scheduled after the test.

Computer knowledge

Day 1	• Number System with Data Representation part 1
Day 2	• Number System with Data Representation part 2
Day 3	• Introduction to Computer
Day 4	• Computer Architecture part 1
Day 5	• Computer Architecture part 2

✓ A Sectional TEST FOR THESE 5 DAYS CAN BE TAKEN NOW

Test structure (50 questions)

1. 30 new questions
2. 10 PYQ
3. 10 from old test papers

Day 6	• Central Processing Unit (Intro to Microprocessor)
Day 7	• Memory Management part 1
Day 8	• Memory Management part 2
Day 9	• Basic of Software
Day 10	• Operating System

✓ A Sectional TEST FOR THESE 5 DAYS CAN BE TAKEN NOW

Test structure (50 questions)

1. 30 new questions
2. 10 PYQ
3. 10 from old test papers



Day 11	<ul style="list-style-type: none">• Computer Networks with Devices
Day 12	<ul style="list-style-type: none">• TCP/IP
Day 13	<ul style="list-style-type: none">• Data Base Management System
Day 14	<ul style="list-style-type: none">• Basic of Internet, E and M-Commerce
Day 15	<ul style="list-style-type: none">• Introduction to Windows Operating System
✓ A Sectional TEST FOR THESE 5 DAYS CAN BE TAKEN NOW	
Test structure (50 questions)	
1. 30 new questions	
2. 10 PYQ	
3. 10 from old test papers	
Day 16	<ul style="list-style-type: none">• Computer Securities
Day 17	<ul style="list-style-type: none">• TCP/IP
Day 18	<ul style="list-style-type: none">• Introduction to MS-Office (Theoretical Knowledge) part 1
Day 19	<ul style="list-style-type: none">• Introduction to MS-Office (Theoretical Knowledge) part 2
Day 20	<ul style="list-style-type: none">• Full form with Shortcuts and Doubt / Extra Class

FULL LENGTH TEST OF COPUTER CAN BE TAKEN NOW

Test structure (50 questions)

4. 30 new questions

5. 10 PYQ

6. 10 from old test papers

Discussion of full length test (50 Questions) is scheduled after the test.

