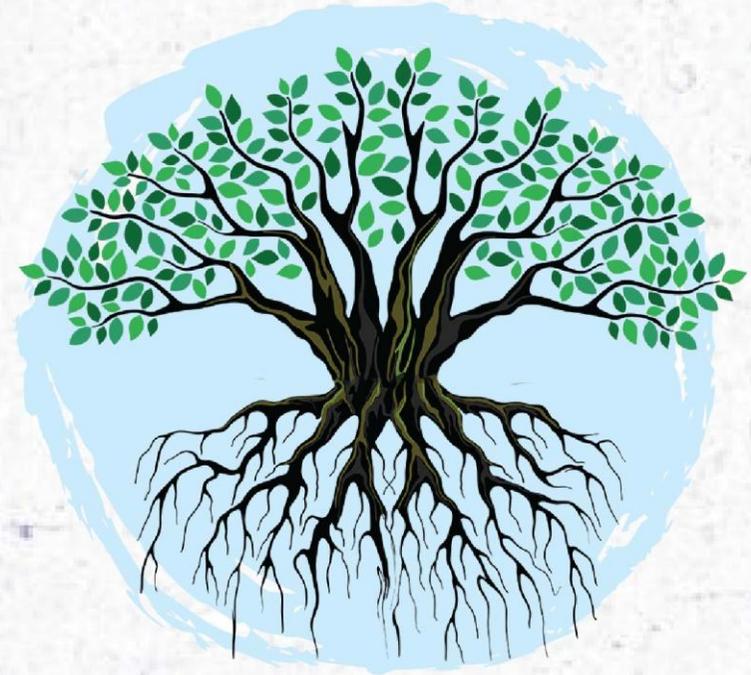
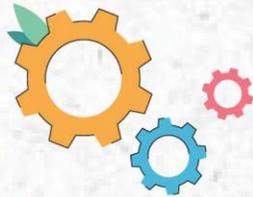


SSC



Foundation Batch

Session Plan



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SESSION PLAN FOR CLASSES

Subject	Total Classes	Total Hours = 562.5	Class Test	Sectional Test	Full Length Test
General studies	Ancient history 6 Medieval history 7 Modern history 12 Physical geography 9 Indian Geography 7 Indian Polity 12 Economics 9 Physics 12 Chemistry 10 Biology 16 Total = 100	$100 \times 1.5 = 150$	73	17	10
Computer knowledge	13 Classes	$13 \times 1.5 = 19.5$	.....	4	1
English	61 Classes	$61 \times 1.5 + 6 \times 2 = 103.5$	.....	16	6
Mathematics	110 Classes + 6 Marathon Classes + 25 Doubt Classes	$110 \times 1.5 + 6 \times 3 + 25 \times 1.5 = 220.5$	.....	24	20
Reasoning	40 Classes + 3 Marathon Classes	$40 \times 1.5 + 3 \times 3 = 69$	.....	13	7



GENERAL STUDIES

ANCIENT INDIAN HISTORY

		Date and time	Faculty Signature	Class Coordinator Signature
Day 1	<ul style="list-style-type: none"> • Prehistoric Age in India- Archaeological sources, Stone Age, Chalcolithic Age, & Iron Age • Indus Valley Civilization (IVC)-Origin and extent, Town planning, Agriculture, Animal domestication, Political organization, Technology and craft, Pottery and terracotta, Trade and traded articles with other civilizations, Important excavated sites and their findings, Beliefs and faiths, and 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 Period- Vedic Literature, Geography, Political Structure, Society, Economy, & Religion of Vedic Period, Important Terms used in Vedic Period. • Later Vedic Period- Geography, Political Structure, Society, Economy, & Religion of later Vedic Period, Important Terms used in later Vedic Period. • Mahajanpadas and their Extent-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 3	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Jainism and Buddhism- Reasons to raise these religions, their founders and their life events, Core ideals of both religions- such as middle path, Triratna's, etc. Literature – Tripitaka and agama 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 3 DAYS CAN BE TAKEN NOW**

Test structure (50 questions)

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

Day 4	<ul style="list-style-type: none"> • 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. • Post Mauryan Period- Sunga Dynasty, Kanva 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, Tamil States of the Sangam Age & Sangam literature. 			
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 • Gupta Empire and Post Gupta Era- Chandragupta-I, Samundragupta and his policies and Prayag Prashasti, Chandragupta-II, Kumaragupta I, Vardhana Dynasty, Harsha Administration, Buddhism and Nalanda, Harshacharita 			
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 • Gupta Empire and Post Gupta Era part 2- Hiuen Tsang, Aihole Inscription, Sanskrit plays, Gupta Inscriptions, Administration Art and Culture, Science and Technology and the Golden Age, Religious Literature and the fall of the Empire. • State of Deccan and South India- 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

MEDIEVAL INDIAN HISTORY

		Date and time	Faculty Signature	Class Coordinator Signature
DAY 1	<ul style="list-style-type: none"> • Discussion of full length test (50 Questions) is scheduled after the test. • North India (Rajputa Period)- The Palas, The Gurjra-Pratiharas, Rashtrakutas, and tripartite struggle, Administration, economy, and society under Palas, Pratihara and Rashtrakutas • South India (Cholas and others) - Chola Empire, Rajraja and Rajendra I 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 • Arab and Turkish Invasion- Arab conquest of Sindh • Mahmud of Ghazni • Muhammad Ghor- Battles of Tarain, Battle of Chandawar • The Delhi Sultanate Part 1 Slave Dynasty 			
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 • The Delhi Sultanate Part 2- The Khalji Dynasty, The Tughlaq Dynasty, The Sayyid Dynasty, The Lodi Dynasty, Government and economic and social life under the Delhi Sultanate, Art and Architecture under the Delhi Sultanate. 			
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 • Sufi and Bhakti Movements- Sufi Saints (Chishti Silsila, Suhrawardi, Naqshbandi, Qadri Silsila) and Bhakti Saints (Shankaracharya, Ramanujacharya, Vallabhacharya, Kabir, Surdas, Raidas, Gurunanak) • Vijay Nagar Empire 			
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✓ **A Sectional TEST FOR THESE 3 DAYS CAN BE TAKEN NOW**

Test structure (50 questions)

1. 30 new questions
2. 10 PYQ
3. 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 • 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 Jahan and its architecture and painting development 			
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 • Mughal Empire part 2 • Aurangzeb's Reign-Aurangzeb's Religious Policy, Aurangzeb and the Deccani States • Later Mughal-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.			
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 Rise of Marathas-Early Career of Shivaji, Treaty of Purandar and Shivaji's Visit to Agra, Final Breach with Shivaji, Shivaji's Administration and Achievements, Aurangzeb and the Deccan States, Maratha confederacy, Anglo Maratha war 			

✓ **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

MODERN INDIAN HISTORY

		Date and time	Faculty Signature	Class Coordinator Signature
Day 1	<ul style="list-style-type: none"> • Discussion of full length test (50 Questions) is scheduled after the test. • The Advent of the Europeans- The Portuguese in India, The Dutch, The English, The French, The Danish • Expansion of British Power • British Conquest of Bengal- 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- The Wodeyar/Mysore Dynasty, Rise of Haidar Ali, Anglo-Mysore Wars, Mysore after Tipu • Conquest of Awadh and Hyderabad 			
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 Economic impact of British- British colonialism in India, British policies in India, British Economic Policies and their impact, Land Revenue System Early Resistance to British Rule- Tribal revolts, Various tribal movements in India, Civil rebellions and peasant revolts 			
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 The Revolt of 1857 and personalities associated- 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 and Significance of the Revolt 			
<p>✓ A Sectional TEST FOR THESE 3 DAYS CAN BE TAKEN NOW</p> <p>Test structure (50 questions)</p> <ol style="list-style-type: none"> 30 new questions 10 PYQ 10 from old test papers 				
Day 4	<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, Nature and limitation of 19th century renaissance, Caste movement 			
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 Nationalist Movement (1858-1905) - 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 6	<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, Era of Moderates (1885-1905), Contributions of Moderate Nationalists, Evaluation of the Early Nationalists 			
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 Swadeshi and Boycott Movement Anti-Partition, Campaign under, Moderates (1903-05) The Movement under Extremist Leadership The Extremist Programme, Extent of Mass Participation, Annulment of Partition, Evaluation of the Swadeshi Movement, The Surat Split, Morley-Minto Reforms-1909 			
<p>✓ A Sectional TEST FOR THESE 3 DAYS CAN BE TAKEN NOW Test structure (50 questions) 1. 30 new questions 2. 10 PYQ 3. 10 from old test papers</p>				
		Date and time	Faculty Signature	Class Coordinator Signature
Day 8	<ul style="list-style-type: none"> 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, Satyagraha- Kheda, Champaran, Ahmedabad, 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				



<p>Day 9</p>	<ul style="list-style-type: none"> • 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. 			
<p>Class Test (25 Questions)15 new questions + 10 PYQ</p>				
<p>Day 10</p>	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Indian Freedom Struggle Under Gandhi Part 3- 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, 			
<p>✓ A Sectional TEST FOR THESE 3 DAYS CAN BE TAKEN NOW Test structure (50 questions) 4. 30 new questions 5. 10 PYQ 6. 10 from old test papers</p>				



Day 11	<ul style="list-style-type: none">• Discussion of Previous Sectional Test (50 Questions) is scheduled with the next class• Indian Freedom Struggle Under Gandhi Part 4- 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, Round Table Conferences, 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 12	<ul style="list-style-type: none">• Discussion of Previous Class Test (25 Questions) is scheduled with the next class• Indian Freedom Struggle Under Gandhi Part 5- 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



PHYSICAL GEOGRAPHY

		Date and time	Faculty Signature	Class Coordinator Signature
Day 1	<ul style="list-style-type: none"> • Discussion of full length test (50 Questions) is scheduled after the test. • The Universe & Solar System. - Big Bang Theory, The Solar System, Members of the Solar System. • Earth- Shape, Latitude & 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 2	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Atmosphere & its Composition- Structure of the Atmosphere- Troposphere, Stratosphere, Mesosphere, Thermosphere & Exosphere • Atmospheric Pressure- 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 2 DAYS CAN BE TAKEN NOW</p> <p>Test structure (50 questions)</p> <ol style="list-style-type: none"> 1. 30 new questions 2. 10 PYQ 3. 10 from old test papers 				
Day 3	<ul style="list-style-type: none"> • Discussion of Previous Sectional Test (50 Questions) is scheduled with the next class • Interior structure of the Earth -The Crust, The Mantle & The Core • Minerals • Rocks and its types- Igneous Rocks, Sedimentary Rocks, Metamorphic Rocks, Rock Cycle 			



	<ul style="list-style-type: none"> • Earthquake- Measurement of earthquake, Earthquake waves- Body Waves & Surface Waves, Shadow Zones, Types of earthquakes • Volcanoes- Major types of Volcanoes, Intrusive Volcanic Landforms 			
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 • Evolution of Landforms- Earth Movements, Endogenic Forces, Exo-genic Forces, Landforms created by the action of Running Water, ground water, glacier, wind & Sea waves • Mountains- types of Mountains, Plateau & Plain 			
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 • Humidity- absolute humidity & relative humidity, Clouds and their type, • Rainfall- types of rainfall, World Distribution of rainfall, • Salinity- 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 6	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Natural Vegetation Wildlife- 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 			

✓ **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



Day 7	<ul style="list-style-type: none"> Discussion of Previous Sectional Test (50 Questions) is scheduled with the next class World Geography through Maps 1- Asia, Africa, Australia 			
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 World Geography through Maps 2- Europe, North America, South America 			
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 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)

- 30 new questions
- 10 PYQ
- 10 from old test papers

INDIAN GEOGRAPHY

		Date and time	Faculty Signature	Class Coordinator Signature
Day 1	<ul style="list-style-type: none"> Discussion of full length test (50 Questions) is scheduled after the test. India- Location, Size, India and the World & India's neighbouring country Geological divisions- The Himalayas and other Peninsular Mountains, Indo-Ganga-Brahmaputra Plain Physiography- The Northern Plain, The Peninsular Plateau, 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				



<p>Day 2</p>	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Drainage System - Indian Drainage System and its Classification, Evolution of the Himalayan Drainage • The River Systems of the Himalayan Drainage- The Indus River System, The Ganga River System, The Brahmaputra River System, • The Peninsular Drainage System- Evolution of Peninsular Drainage System, River Systems of the Peninsular Drainage, East Flowing River, West-Flowing Rivers, Comparison between Himalayan and Peninsular Rivers 			
<p>Class Test (25 Questions) 15 new questions + 10 PYQ</p>				
<p>Day 3</p>	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Climate & Weather - 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- The Cold-Weather Season, The Hot Weather Season, The advancing monsoon seasons, Retreating / Post Monsoon (The Transition Season), Distribution Of Rainfall 			
<p>✓ A Sectional TEST FOR THESE 3 DAYS CAN BE TAKEN NOW Test structure (50 questions) 1. 30 new questions 2. 10 PYQ</p>				
<p>10 from old test papers</p>				



<p>Day 4</p>	<ul style="list-style-type: none"> • Discussion of Previous Sectional Test (50 Questions) is scheduled with the next class • Soil & Components of soil- 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, • Natural Vegetation- Major factors influence Natural Vegetation, Indian Forests, (Tropical Evergreen and Semi-Evergreen Forests, Tropical Evergreen Forests, Semi-Evergreen Forests, Tropical Deciduous Forests, Moist Deciduous Forests, Dry Deciduous Forests, Tropical Thorn Forests, Montane Forests, The Southern Mountain Forests, Littoral and Swamp Forests), Forest Conservation in India 			
<p>Class Test (25 Questions) 15 new questions + 10 PYQ</p>				
<p>Day 5</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, Road Transport, Air Transport • India & Classification of Road Transport- Importance of Road Transport vis-à-vis rail transport, Railways-Transcontinental Railways, Trans-Siberian Railways, Trans-Canadian Railways etc. • Railways in India- Three categories Indian Railways, Broad gauge, Metre gauge, Narrow gauge • Water Transport- Sea Routes- Important Sea Routes of the world, Inland Waterways of World & India, Important Inland waterways of the world, National Waterways, Coastal Shipping, The Suez Canal, The Panama Canal, Important Ports of India Important Projects (Sagarmala Project, Setu Bharatam Project & Bharatmala Project) • Air Transport- Inter-Continental Air Routes, Major Airports in India 			



	<ul style="list-style-type: none"> • Pipelines- Important networks of pipeline of India • Communications (World & India)- Mode of communication, Satellite Communication, Cyber Space – Internet • International Trade Routes 			
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 • Land Resources and Agriculture- Land Use and the land-use categories, Agricultural Land Uses in India, Cropping Seasons in India, Types of farming (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- 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 			
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 • Mineral And Energy Resources- 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- 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

✓ **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

INDIAN POLITY

		Date and time	Faculty Signature	Class Coordinator Signature
Day 1	<ul style="list-style-type: none"> • Discussion of full length test (50 Questions) is scheduled after the test. • Introduction to 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, • Framing of the Indian Constitution- Composition, Working, Committees of the Constituent Assembly, Enactment, 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				



<p>Day 2</p>	<ul style="list-style-type: none"> • 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, Citizenship (Amendment) Act, 2019. NRI,OCI etc. 			
<p>Class Test (25 Questions) 15 new questions + 10 PYQ</p>				
<p>Day 3</p>	<ul style="list-style-type: none"> • 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 			
<p>✓ A Sectional TEST FOR THESE 3 DAYS CAN BE TAKEN NOW Test structure (50 questions) 1. 30 new questions 2. 10 PYQ 3. 10 from old test papers</p>				
<p>Day 4</p>	<ul style="list-style-type: none"> • 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 			



	<p>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</p> <ul style="list-style-type: none"> • 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 5	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • President- Election, Qualifications, Oath and Conditions, Term, Impeachment and Vacancy, Powers and Functions, Veto Power, Ordinance-Making Power, Pardoning Power • Attorney-General of India • Comptroller and Auditor General of India • The Vice-President- Election, Qualifications, Oath or Affirmation, Conditions of Office, Term of Office, Vacancy in Office, Election Disputes, Powers and Functions, Vice-President- Indian and American Vice-Presidents Compared, Emoluments. 			
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 • The Prime Minister- Oath, Term and Salary, Powers and Functions, 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				



<p>Day 7</p>	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Parliament Part 1-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 			
<p>Class Test (25 Questions) 15 new questions + 10 PYQ</p>				
<p>Day 8</p>	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Parliament Part 2 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

<p>Day 9</p>	<ul style="list-style-type: none"> • Discussion of Previous Sectional Test (50 Questions) is scheduled with the next class • 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, 			
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	<ul style="list-style-type: none"> Privileges of State Legislature Administration of Special Areas, Article 370 Centre-State relations 			
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 Judiciary- Supreme Court, High Court, Subordinate Courts, Judicial Reforms Local Self Government Panchayati Raj Institutions- Evolution of Panchayati Raj, 73rd Amendment Act of 1992, Compulsory and Voluntary Provisions, PESA Act of 1996 (Extension Act) Urban Local Bodies- 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 11	<ul style="list-style-type: none"> Discussion of Previous Class Test (25 Questions) is scheduled with the next class Constitutional Bodies Election Commission UPSC, SPSC, JPSC Finance Commission National Commission for SCs, & STs, Special Officers for Linguistic Minorities, Comptroller and Auditor General of India, Attorney General of India, Advocate General of State Non-Constitutional bodies 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 			
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 • Statutory Bodies- National Human Rights Commission, National Commission for Women, Minorities, and Backward Classes, National Law Commission, National Green Tribunal, National Consumer Disputes Redressal Commission, Armed Forces Tribunal • Emergency Provisions 			
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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

ECONOMICS

		Date and time	Faculty Signature	Class Coordinator Signature
Day 1	<ul style="list-style-type: none"> • Discussion of full length test (50 Questions) is scheduled after the test. • Characteristics of Indian Economy • Sectors of Economy • Definition & History- GDP, GNP, NNP, FACTOR COST, MARKET PRICE, GDP Deflator, 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, 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- Human Poverty Index, Social Progress Index, Green GDP, Happiness Index 			
Class Test (25 Questions) 15 new questions + 10 PYQ				



<p>Day 2</p>	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Socio-Economic Issues • Inequalities Concept- Measurement, Lorenz Curve and Gini Coefficient • Poverty- Concept, Measurement, Poverty Line, Indicators, Trends, Causes and Remedial Measures • Unemployment- Concept, Types, Measurement: UPS, CWS and CDS 			
<p>Class Test (25 Questions)15 new questions + 10 PYQ</p>				
<p>Day 3</p>	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Concept of Demand & Supply- Meaning & Law of Demand, Factors of Demand, Movement and Shift in Demand Curve, Elasticity of Demand, Types of Goods, Normal Inferior luxury, Complementary, Substitute & Giffin Goods, Price Determination, • Production & Factors of Production- Cost- concept & Types of cost, Revenue & its forms, Forms of the Market, Perfect competition, 			
<p>Class Test (25 Questions)15 new questions + 10 PYQ</p>				
<p>Day 4</p>	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Economic Reform & Planning- Indian Economy (1950-90), New Economic policy 1991, Five-year plan & planning commission, Type of planning & aim of planning 			
<p>Class Test (25 Questions)15 new questions + 10 PYQ</p>				
<p>Day 5</p>	<ul style="list-style-type: none"> • 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			
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✓ **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

Day 6	<ul style="list-style-type: none"> • Discussion of Previous Sectional Test (50 Questions) is scheduled with the next class • Money Market Basic Concept and Definition- Call Money, Market, Government Securities, Teasure 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, Stock Exchanges in India, SEBI, Commodity Exchange, Foreign Portfolio Investors, FIIs, QFIs, Difference between FDI and FII, Participatory Notes, Equity, Share, Bond, Debenture, Bear Market and Bull Market 			
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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 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 and NPA 			
<p>Class Test (25 Questions)15 new questions + 10 PYQ</p>				
<p>Day 8</p>	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Taxation- Basic Concept and Definition, 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 & VAT. • Inflation- 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 			
<p>Class Test (25 Questions)15 new questions + 10 PYQ</p>				
<p>Day 9</p>	<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- 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			
	<ul style="list-style-type: none"> • International Organisation – United Nations, BRICS, Commonwealth of Nations, SCO, IMF and World Bank, NATO, WTO, ILO, SAARC, UNCTAD, ADB, UNEP, EU, WHO, AU 			

✓ **FULL LENGTH TEST OF INDIAN ECONOMICS CAN BE TAKEN NOW**

Test structure (50 questions)

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

PHYSICS

		Date and time	Faculty Signature	Class Coordinator Signature
Day 1	<ul style="list-style-type: none"> • Discussion of full length test (50 Questions) is scheduled after the test. • Units and Symbols -Scalar and Vector quantities • Motion-Rectilinear motion, Angular motion, Rotational motion 			
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-Torque (Moment of Force), Applications of Centripetal and Centrifugal forces, Newton's Laws of Motion, Impulse, Friction, • 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 Gravitation-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 - Fluid Pressure, Atmospheric pressure, Pascal's Law, Buoyancy Floatation-Archimedes' Principle and its applications Surface Tension-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-Simple Harmonic Motion Waves-Types of Waves, Types of Mechanical Waves, Sound Waves, Doppler Effect, Electromagnetic Waves 			
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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

Day 6	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Electricity- Electric Charge, 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 			
<p style="text-align: center;">✓ A Sectional TEST FOR THESE 4 DAYS CAN BE TAKEN NOW</p> <p>Test structure (50 questions)</p> <ol style="list-style-type: none"> 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 • Modern Physics 			
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 • 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 		
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✓ **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

CHEMISTRY

		Date and Time	Faculty Signature	Class Coordinator Signature
Day 1	<ul style="list-style-type: none"> • Discussion of full length test (50 Questions) is scheduled after the test. • Basic Concepts of Chemistry- 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, 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- Properties of Matter and their Measurement, Laws of Chemical Combinations, Law of Conservation of Mass, Law of Constant proportion • Gas Laws- Boyle's Law, Charles' Law & Gay Lussac's Law, Combined Gas Law and Ideal Gas Equation 			
Class Test (25 Questions) 15 new questions + 10 PYQ				



<p>Day 3</p>	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Atomic Structure and Atomic Theories- 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 			
<p>Class Test (25 Questions) 15 new questions + 10 PYQ</p>				
<p>Day 4</p>	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Periodic Table Part 1 			
<p>Class Test (25 Questions) 15 new questions + 10 PYQ</p>				
<p>Day 5</p>	<ul style="list-style-type: none"> • Discussion of Previous Class Test (25 Questions) is scheduled with the next class • Periodic Table Part 2 			
<p style="text-align: center;">✓ A Sectional TEST FOR THESE 5 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>				
<p>Day 6</p>	<ul style="list-style-type: none"> • Discussion of Sectional Class Test (50 Questions) is scheduled with the next class • Chemical Bonding And Structure- Electronic Theory of Valency, Types of Chemical Bonds, (Electrovalent or Ionic bond, Covalent bond, Hydrogen Bond, Coordinate or Dative covalent bond), Van der Waals' force • Chemical Reactions Types of Chemical (Reactions Combination, decomposition, single-replacement, double-replacement and combustion) 			
<p>Class Test (25 Questions) 15 new questions + 10 PYQ</p>				



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- Some organic compounds, their properties, and uses, Methane, Methyl alcohol, Ethyl alcohol Methyl Isocyanate, Urea, Dichloro diphenyl trichloroethane(DDT), 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 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



BIOLOGY				
		Date and Time	Faculty Signature	Class Coordinator Signature
Day 1	<ul style="list-style-type: none"> Discussion of full length test (50 Questions) is scheduled after the test. Cell & Cell Organelle- 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- Epithelial Tissue, Connective Tissue, Muscular Tissue etc. Plant Tissues- (Dermal, Vascular, Ground tissue) 			
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 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 Blood Groups 			
✓ A Sectional TEST FOR THESE 4 DAYS CAN BE TAKEN NOW				
Test structure (50 questions) 10.30 new questions 11.10 PYQ 12.10 from old test papers				
Day 5	<ul style="list-style-type: none"> Discussion of Sectional Class Test (50 Questions) is scheduled with the next class Biomolecules 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 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 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- 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- Human Brain, Reflex Action and Reflex Arc Movements- Muscular System- Muscle Types, Skeletal 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 10	<ul style="list-style-type: none"> Discussion of sectional Class Test (50 Questions) is scheduled with the next class Endocrine System Part 1 			
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 Endocrine System Part 2 			
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 Excretory System 			
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 The Living World Part 1 Biological Classification of Plants and Animals- Monera, Protista, Fungi, Plantae, Animalia 			



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

Test structure (50 questions)

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

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 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 15	<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 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 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 2- 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	Topics	Class test	Sectional test	Full length test	Faculty sign	Coordinator sign
Day 1	Number System with Data Representation Part 1		COM-01	FLT (CM01)		
Day 2	Number System with Data Representation Part 2					
Day 3	Introduction to Basic Concepts of Computer					
Day 4	Computer Architecture		COM-02			
Day 5	Memory Management System					
Day 6	Basic of Software & Operating System					
Day 7	Database Management System (DBMS)		COM-03			
Day 8	Computer Network Part 1					
Day 9	Computer Network Part 2 (OSI Model)					
Day 10	Basic of Internet, E and M-Commerce		COM-04			
Day 11	Computer & Data Security					
Day 12	Introduction to MS-Office & 365					
Day 13	MS Office (Shortcut Keys, Commands & Full Forms)					
TC=13		CT=0	ST=4	FLT=1		



ENGLISH

TENSES

		Date and Time	Faculty Signature	Class Coordinator Signature
Types of tense & Sequence of tense Practice set – 1 (75 questions including PYQs)	Day 1 Day 2			
Discussion of remaining questions of practice sheet, Sectional Test (25 Questions) and its discussion	Day 3			

CONDITIONALS

Conditionals – its types and examples Practice set (100 questions including PYQs)	Day 1 Day 2			
Discussion of remaining questions of practice sheet, Sectional Test (25 Questions) and its discussion	Day 3			
MARATHON CLASS 1 (CONDITIONALS AND TENSES) – 100 QUESTIONS Doubt Class – Conditionals & Tenses				

ARTICLES

Introduction (Definition & Types) Rules and Usage with examples & Practice Questions (Spotting Error, Sentence Improvement etc.) Discussion of Practice Sheet (100 Questions)	Day 1 Day 2 Day 3			
Discussion of remaining questions of practice sheet, Sectional Test (50 Questions) and its discussion	Day 4			



NOUN

Introduction (Definition & Usage) & Kinds of Nouns Gender & Number Case & Practice Questions (Spotting Error, Sentence Improvement etc) Discussion of Practice Sheet (100 Questions)	Day 1			
	Day 2			
	Day 3			
	Day 4			
Discussion of remaining questions of practice sheet, Sectional Test (25 Questions) and its discussion	Day 5			
Doubt Class – Articles & Noun				

PRONOUN

Introduction (Definition & Usage) Kinds of Pronouns Rules and Usage with examples & Practice Questions (Spotting Error, Sentence Improvement etc) Discussion of Practice section (100 Questions)	Day 1			
	Day 2			
	Day 3			
	Day 4			
Discussion of remaining questions of practice sheet, Sectional Test (25 Questions) and its discussion	Day 5			
MARATHON CLASS 2 (ARTICLES, NOUN & PRONOUN) – 100 QUESTIONS				

VERB

Introduction (Definition & Usage) The Infinitive, Participle, Gerund Auxiliaries & Models Subject - Verb Agreement & Practice Questions (Spotting Error, Sentence Improvement etc) Discussion of Practice section (125 Questions)	Day 1			
	Day 2			
	Day 3			
	Day 4			
	Day 5			
Discussion of remaining questions of practice sheet, Sectional Test (50 Questions) and its discussion	Day 6			
Doubt Class – Pronoun & Verb				



ADJECTIVE

Introduction (Definition & Usage) & Comparison Adjective used as Nouns Discussion of Practice Sheet (125 Questions)	Day 1			
	Day 2			
	Day 3			
Discussion of remaining questions of practice sheet, Sectional Test (25 Questions) and its discussion	Day 4			

ADVERB

Introduction and its classification Degrees of comparison Practice set (100 questions including PYQs)	Day 1			
	Day 2			
	Day 3			
Discussion of remaining questions of practice sheet, Sectional Test (25 Questions) and its discussion	Day 4			
MARATHON CLASS 3 (VERB, ADJECTIVE & ADVERB) – 100 QUESTIONS				
Doubt Class – Adjective & Adverbs				

CONJUNCTION

Introduction and its types – coordinating conjunction and subordinate conjunction Practice set (100 questions including PYQs)	Day 1			
	Day 2			
Discussion of remaining questions of practice sheet, Sectional Test (25 Questions) and its discussion	Day 3			

PREPOSITION

Introduction and use of some important preposition Appropriate prepositions with different parts of speech and practice set (75 questions including PYQs) Important prepositional phrases and practice set (100 questions including PYQs)	Day 1			
	Day 2			
	Day 3			
Discussion of remaining questions of practice sheet, Sectional Test (25 Questions) and its discussion	Day 4			
Doubt Class – Conjunction & Preposition				
MARATHON CLASS 4 (CONJUNCTION & PREPOSITIONS) – 100 QUESTIONS				



NARRATION

L-1 CONCEPT OF DIRECT AND INDIRECT SPEECH, RULES	Day 1			
L-2 SPECIFIC SITUATIONS AND EXCEPTIONS	Day 2			
L-3 PRACTICE OF 100 QUESTIONS	Day 3			
L-4 PRACTICE OF 100 PYQS	Day 4			
Discussion of remaining questions of practice sheet, Sectional Tests and its discussion	Day 5			

VOICE

L-1 CONCEPT OF ACTIVE AND PASSIVE, RULES	Day 1			
L-2 PRACTICE 100 QUESTIONS	Day 2			
L-3 PRACTICE 100 PYQS	Day 3			
Discussion of remaining questions of practice sheet, Sectional Test (50 Questions) and its discussion	Day 4			
MARATHON CLASS 5 (NARRATION And VOICE) – 100 QUESTIONS				
Doubt Class – Narration & Voice				

PARAJUMBLES

L-1 Types of Parajumbles and approach to solve them (75 Questions)	Day 1			
Discussion of remaining questions of practice sheet, Sectional Test (50 Questions) and its discussion	Day 2			



READING COMPREHENSION & CLOZE TEST

L-1 HOW TO READ A PASSAGE (5 Passages)	Day 1			
L-2 TIPS AND TRICKS TO APPROACH A PASSAGE & KINDS OF QUESTIONS ASKED (5 Passages)	Day 2			
L-3 PRACTICE (5 Passages)	Day 3			
L-6 CLOZE TEST-2 (10 Cloze Test)	Day 4			
Discussion of remaining questions of practice sheet, Sectional Test [50 Questions (RC + Cloze Test)] and its discussion	Day 5			

100 IMPORTANT RULES

L-1 50 Rules.....	Day 1			
L-2 50 Rules.....	Day 2			
L-3 Practice 100 Questions	Day 3			
Discussion of remaining questions of practice sheet, Sectional Test (25 Questions) and its discussion	Day 4			
MARATHON CLASS 6 (Parajumbles, RC & Cloze Test And Important Rules) – 100 QUESTIONS				
Doubt Class – Parajumbles, RC & Cloze Test And Important Rules				

Note

- **6 Full length tests will be given of 45 Questions each.**
- **Practice Sheet and Sectional Test are based on the particular Topics.**
- **Marathon consists of Multiple Topics.**
- **Full length tests comprise full fledged papers created throughout the syllabus.**
- **Our Practice session, Sectionals will comprise of PYQS and questions framed on latest pattern (40 : 60)**



REASONING

CODING DECODING

Day-1	<ul style="list-style-type: none"> ➤ Alphabet to Alphabet Coding ➤ Alphabet to Digit Coding ➤ Symbol Coding ➤ Substitutional Coding ➤ Topic Sheet (100 Questions) 			
Day-2	<ul style="list-style-type: none"> ➤ Condition based Coding ➤ Direct Coding ➤ Hybrid Coding ➤ Topic Sheet (100 Questions) 			
Day-3	<ul style="list-style-type: none"> ➤ PRACTICE CLASS ➤ Sectional Test (30 Questions) 			

ANALOGY + CLASSIFICATION / ODD ONE OUT

		Date and Time	Faculty Signature	Class Coordinator Signature
Day-1 (Analogy)	<ul style="list-style-type: none"> ➤ General Knowledge based ➤ English Alphabet based ➤ Number based ➤ Alphabet – Number based ➤ Topic Sheet (200 Questions) ➤ Sectional Test (50 Questions) 			
Day-2 (Classification + Odd One Out)	<ul style="list-style-type: none"> ➤ General Knowledge based ➤ English Alphabet based ➤ Number based ➤ Topic Sheet (150 Questions) 			
Day-3	<ul style="list-style-type: none"> ➤ Sectional Test (25 Questions) 			



DIRECTION & DISTANCE

Day-1	<ul style="list-style-type: none"> ➤ Basics of Direction ➤ Basic Direction Questions ➤ Pythagoras based Questions ➤ Degree based Questions 			
Day-2	<ul style="list-style-type: none"> ➤ Clock based Questions ➤ Shadow based Questions ➤ Coded Direction based Questions ➤ Miscellaneous Questions ➤ Topic Sheet (100 Questions) 			
Day-3	<p>PRACTICE CLASS</p> <p>Sectional Test (25 Questions)</p>			

BLOOD RELATION

Day-1	<ul style="list-style-type: none"> ➤ Introduction of Blood Relation and Family Members Name ➤ Family Tree based Questions ➤ Pointing towards based Questions ➤ Coded Blood Relation ➤ Topic Sheet (100 Questions) 			
Day-2	<p>PRACTICE CLASS</p> <p>Sectional Test (25 Questions) + Doubts Discussion</p>			
	<ul style="list-style-type: none"> ❖ Full length test of Blood Relation. (30 Questions) ❖ Marathon class of Analogy, Coding Decoding, Direction & Distance and Blood Relation. 			



ORDER & RANKING

Day-1	<ul style="list-style-type: none">➤ Introduction of Order and Ranking➤ Evaluation Persons in the row➤ Overlapping based➤ Miscellaneous Questions➤ Topic Sheet (50 Questions)➤ PRACTICE CLASS➤ SECTIONAL TEST (25 Questions)			
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INEQUALITY

Day-1	<ul style="list-style-type: none">➤ Understanding Inequality Signs & Rules➤ Either or based➤ Fill up the blanks with appropriate signs➤ Statement and Merging based➤ Topic Sheet (100 Questions)➤ PRACTICE CLASS➤ SECTIONAL TEST (25 Questions)			
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SYLLOGISM

Day-1	<ul style="list-style-type: none">➤ Introduction to Syllogism➤ Different cases of Syllogism➤ Rules of Possibilities➤ Topic Sheet (50 Questions)			
Day-2	<ul style="list-style-type: none">➤ Either Or Cases➤ All and No Cases➤ Topic Sheet (50 Questions)			
Day-3	<ul style="list-style-type: none">➤ Practice Sheet (100 Questions)➤ Discussion➤ SECTIONAL TEST (50 Questions) +➤ Doubt Class			
❖ Full length test of Order Ranking, Inequality and Syllogism. (50 Questions)				



CLOCK

Day-1	<ul style="list-style-type: none"> ➤ Mirror Image Time of Clock ➤ Problems based on Angles ➤ Time-Determination based Questions ➤ Faulty Clock ➤ Topic Sheet (50 Questions) ➤ PRACTICE CLASS 			
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CALENDAR

Day-1	<ul style="list-style-type: none"> ➤ Introduction to Calendar ➤ Finding Week day with Reference date ➤ Finding Week day without Reference date ➤ Topic Sheet (50 Questions) ➤ Repeated Calendar based Questions + SECTIONAL TEST (25 Questions) 			
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SERIES

Day-1	<ul style="list-style-type: none"> ➤ Number Series ➤ Alphabet Series ➤ Topic Sheet (100 Questions) 			
Day-2	<ul style="list-style-type: none"> ➤ Alpha-Numeric Series ➤ Repeated Series ➤ Topic Sheet (100 Questions) 			
Day-3	<ul style="list-style-type: none"> ➤ Missing Number (Box Based) ➤ SECTIONAL TEST (25 Questions) ➤ Practice Sheet (200 Questions) 			
❖ Full length test of Clock + Calendar + Series (50 Questions).				



CUBE & DICE

Day-1	<ul style="list-style-type: none">➤ Types of Dice➤ Rules of Dice➤ Open Dice➤ Formula for Cube➤ Topic Sheet (75 Questions)			
Day-2	PRACTICE CLASS SECTIONAL TEST (25 Questions) + Doubt Class			

PROBLEMS BASED ON ENGLISH ALPHABETS

Day-1	<ul style="list-style-type: none">➤ Arrangement of word based on English Dictionary➤ Sequence of words➤ Word Building➤ Jumbled Type➤ Miscellaneous➤ Topic Sheet (100 Questions)			
❖ A full length test of Cube and Dice, Problems Based on English Alphabets can be taken. (50 Questions).				
❖ Marathon Class of Clock/Calendar/Series/Cube & Dice/Problem Based on English Alphabet				

COUNTING OF FIGURES

Day-1	<ul style="list-style-type: none">➤ Counting of Triangles➤ Counting of Triangles in Triangle➤ Counting of Squares➤ Counting of Squares in Square➤ Counting of Rectangles			
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Day-2	<ul style="list-style-type: none"> ➤ Counting of Triangles in Squares ➤ Miscellaneous Figures ➤ Topic Sheet (40 Questions) 			
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MIRROR IMAGE & WATER IMAGE + PAPER FOLDING AND CUTTING

Day-1	<ul style="list-style-type: none"> ➤ Mirror Image & Water Image ➤ Topic Sheet (50 Questions) ➤ Paper Folding and Cutting ➤ Topic Sheet (50 Questions) 			
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SITTING ARRANGEMENT/PUZZLE

Day-1	<ul style="list-style-type: none"> ➤ Circular Arrangement – Inside facing ➤ Circular Arrangement – Outside facing ➤ Topic Sheet (100 Questions) 			
Day-2	<ul style="list-style-type: none"> ➤ Linear Arrangement – North facing ➤ Linear Arrangement – South facing ➤ Topic Sheet (100 Questions) 			
Day-3	<ul style="list-style-type: none"> ➤ Floor based puzzles ➤ Topic Sheet (100 Questions) 			
Day-4	<ul style="list-style-type: none"> ➤ Year based puzzles ➤ Topic Sheet (100 Questions) 			
Day-5	Sectional Test (40 Questions) Doubt Class			
<ul style="list-style-type: none"> ❖ Full length test of Sitting Arrangement/Paper Cutting & Folding/Mirror & Water Image. (35 Questions) ❖ Full length test of Puzzle. (30 Questions) 				

DATA SUFFICIENCY

Day-1	<ul style="list-style-type: none"> ➤ Data Sufficiency – 1 ➤ Topic Sheet (50 Questions) 			
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LOGICAL REASONING

Day-1	<ul style="list-style-type: none">➤ Statement and Arguments➤ Statement and Assumptions➤ Topic Sheet (50 Questions)			
Day-2	<ul style="list-style-type: none">➤ Statement and Courses of Action➤ Drawing Inferences➤ Topic Sheet (50 Questions)			
Day-3	PRACTICE CLASS SECTIONAL TEST (25 Questions)			

MATHEMATICAL OPERATIONS

Day-1	<ul style="list-style-type: none">➤ Basics of Mathematical Operations➤ Applying BODMAS➤ Interchanging of signs➤ Interchanging of numbers➤ Solving equation➤ Topic Sheet (100 Questions)			
Day-2	PRACTICE CLASS Sectional Test (25 Questions)			

VENN DIAGRAM

Day-1	<ul style="list-style-type: none">➤ Basics of Venn Diagram➤ Topic Sheet (100 Questions)			
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FIGURAL SERIES + COMPLETION OF INCOMPLETE FIGURES/ EMBEDDED FIGURES

Day-1	<ul style="list-style-type: none">➤ Basics of Figural Series➤ Topic Sheet (50 Questions)➤ Basics of Completion of Incomplete Figures / Embedded Figures➤ Topic Sheet (100 Questions)			
Marathon Class of Complete Syllabus				



MATHEMATICS

PERCENTAGE

Day - 1	<ul style="list-style-type: none"> ➤ Basic concept of percentage ➤ Change from percent to fraction- ➤ Change from fraction to percent- ➤ Find out value- for example 25% of 300 ➤ Relation between numbers and their ratio ➤ Ratio based more or less type questions- ➤ Language based questions on basic concept- ➤ Percentage error calculation- 			
Day -2	<ul style="list-style-type: none"> ➤ Successive Percentage ➤ Net increase or decrease- ➤ Initial value/final value- ➤ Area and volume based- ➤ Volume percentage is given then what effect on its area and vice- versa ➤ Number based- ➤ Spending/total value of households etc.- ➤ Comparison 			
Day-3	<ul style="list-style-type: none"> ➤ Expenditure = price × consumption <p>Questions based on examination and marks obtained</p>			
Day-4	<ul style="list-style-type: none"> ➤ Election based questions ➤ income tax=income × rate ➤ Marriage concept 			
✓ Sectional Test - 1: 25 Questions				
Day-5	<ul style="list-style-type: none"> ➤ Questions based on income, expenditure, salary and Wages- ➤ Variation of income/expenditure/savings between two persons- ➤ Comparison of salaries of more than two persons- ➤ Salary based variations- 			



Day-6	<ul style="list-style-type: none"> ➤ Revenue= Tickets × No. of seats ➤ Revenue = Price × Sale ➤ typing error in page and total word typed based ➤ Library based ➤ Daily earning = wages per hour × no. of hours ➤ Production= Raw material × Labour cost 			
Day-7	<ul style="list-style-type: none"> ➤ Commission based questions- ➤ Questions based on venn diagram ➤ Miscellaneous Questions 			

✓ **Sectional Test - 2: 25 Questions**

Day-8 & 9	Doubt Class			
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✓ **Practice work book with LOD 1, 2 and 3 consists of 300 Questions will be given.**

✓ **Full length test: 25 Questions**

✓ **Total Questions given: 375**

PROFIT, LOSS AND DISCOUNT

		Date and Time	Faculty Signature	Class Coordinator Signature
Day-1	Questions based on basic concept - <ul style="list-style-type: none"> ➤ When profit or loss is calculated on SP- ➤ Question based on successive percentage - 			
Day-2	<ul style="list-style-type: none"> ➤ Questions based on manipulations in CP and SP- ➤ When profit or loss are given in form of CP and SP- 			
Day-3	<ul style="list-style-type: none"> ➤ If cost price is same ➤ If selling price is same ➤ Part-wise selling of the article- 			

✓ **Sectional Test - 1: 25 Questions**

Day-4	<ul style="list-style-type: none"> ➤ Questions based on changing values of CP and SP ➤ When items of different CP are mixed together ➤ When relation among CP, SP, MP and discount is given 			
Day-5	<ul style="list-style-type: none"> ➤ DISHONEST MILKMAN ➤ DISHONEST SHOPKEEPER ➤ Questions based on linear equations- 			



Day-6	DISCOUNT → ➤ Questions based on basic concepts- ➤ Questions based on ratio of SP, SP, MP and discount-			
Day-7	➤ Questions based on successive discount- ➤ Advance level questions based on profit, loss and discount- ➤ Questions based on offers			

✓ **Sectional Test - 2: 25 Questions**

Day-8 & 9	Doubt classes			
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✓ **Practice work book with LOD 1, 2 and 3 consists of 290 Questions will be given.**

✓ **Full length test: 25 Questions**

✓ **Total Questions given: 365**

SIMPLE INTEREST

Day-1	➤ Basic questions ➤ Manipulations in rate of interest and time ➤ When ratio of principal and amount is given ➤ When ratio of principal and interest earned is given ➤ When principal becomes k times of itself			
Day-2	➤ When difference of two simple interests is given ➤ When amount is given ➤ When different rate of interests for different period of time is given ➤ When principal is invested part-wise ➤ When amount after t years is same ➤ When amount after t years is in ratio			
Day-3	➤ True discount ➤ Installment			

✓ **Full length test: 25 Questions**

Day-4	Doubt class			
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✓ **Practice work book with LOD 1, 2 and 3 consists of 145 Questions will be given.**

✓ **Total Questions given: 170**



COMPOUND INTEREST

		Date and Time	Faculty Signature	Class Coordinator Signature
Day-1	<ul style="list-style-type: none">➤ Basic questions based on formula➤ When interest is compounded half yearly or quarterly or monthly➤ Questions based on successive concept➤ When sum of money becomes k times of itself			
Day-2	<ul style="list-style-type: none">➤ Comparison between CI & SI➤ Difference of CI & SI➤ When ratio of difference of SI & CI is given➤ Difference of CI in different years			
Day-3	<ul style="list-style-type: none">➤ When amount received after some time is same➤ When ratio of amount received after some time is given➤ If two person get same amount of interest			
Day-4	<ul style="list-style-type: none">➤ Installment			
✓ Full length test: 25 Questions				
Day-5	Doubt class			

- ✓ **Practice work book with LOD 1, 2 and 3 consists of 175 Questions will be given.**
- ✓ **Total Questions given: 200**
- ✓ **A marathon class of 100 mix questions of percentage, profit & loss, CI & SI should be taken.**

AVERAGE

		Date and Time	Faculty Signature	Class Coordinator Signature
Day-1	<ul style="list-style-type: none">➤ Basic questions based on some formulas-➤ When someone new enters in a group-➤ When someone leaves the group➤ When someone replaced a person in a group			



Day-2	<ul style="list-style-type: none"> ➤ When many people enter a group ➤ When different number of people enters and leaves a group ➤ When we have to find out the number of people from a group ➤ Questions based on batsman- ➤ Questions based on bowler- ➤ Based on run rate of a team- 			
Day-3	<ul style="list-style-type: none"> ➤ Find the N^{th} number, when a series of numbers is given- ➤ When a number is typed incorrectly- 			
Day-4	<ul style="list-style-type: none"> ➤ When we have to deal with numbers- ➤ When average of squares/cubes of some numbers is given- ➤ Based on weighted average- ➤ When new baby born takes place- ➤ When a page is torn out- 			

✓ **Full length test: 25 Questions**

Day-5	Doubt class			
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✓ **Practice work book with LOD 1, 2 and 3 consists of 200 Questions will be given.**

✓ **Total Questions given: 225**

RATIO & PROPORTION

		Date and Time	Faculty Signature	Class Coordinator Signature
Day-1	<ul style="list-style-type: none"> ➤ Basic questions based on ratio ➤ Mean proportion, third proportion and fourth proportion ➤ Proportion based other questions ➤ Based on numbers ➤ Equation based questions 			
Day-2	<ul style="list-style-type: none"> ➤ Selected and unselected based ➤ When someone is added in/ removed from a group ➤ Boys/girls based question ➤ Employed/unemployed based questions 			

✓ **Sectional Test - 1: 25 Questions**



Day-3	<ul style="list-style-type: none"> ➤ Distribution of money ➤ Coins based questions ➤ When price is given in proportion to weight 			
Day-4	<ul style="list-style-type: none"> ➤ Income based questions ➤ Questions on wages ➤ Questions on collection 			

✓ **Sectional Test - 2: 25 Questions**

Day-5	Doubt class			
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✓ **Full length test: 25 Questions**

✓ **Practice work book with LOD 1, 2 and 3 sheets of 250 Questions will be given.**

✓ **Total Questions given: 325**

PARTNERSHIP

Day-1	➤ Basic questions			
Day-2	➤ Advance level questions (Active & sleeping partner)			

✓ **Full length test: 25 Questions**

✓ **Practice work book with LOD 1, 2 and 3 consists of 100 Questions will be given.**

✓ **Total Questions given: 125**

AGES

Day-1	➤ Basic questions			
Day-2	➤ Advance level questions (High level language)			

✓ **Full length test: 25 Questions**

Day-3	Doubt class (Ages + Partnership)			
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✓ **Practice work book with LOD 1, 2 and 3 consists of 100 Questions will be given.**

✓ **Total Questions given: 125**

MIXTURE & ALLIGATION

Day-1	➤ Basic questions When mixture is mixed in some ratio			
Day-2	<ul style="list-style-type: none"> ➤ Some problems with twisted language ➤ When there are three vessels 			
Day-3	<ul style="list-style-type: none"> ➤ Replacement ➤ Alligation in two variables ➤ Alligation in three variables 			

✓ **Full length test: 25 Questions**



Day-4	Doubt class			
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- ✓ Practice work book with LOD 1, 2 and 3 consists of 140 Questions will be given.
- ✓ Total Questions given: 165
- ❖ A marathon class of 100 mix questions of ratio & proportion, partnership, ages, mixture & alligation and average should be taken.

TIME & WORK

		Date and Time	Faculty Signature	Class Coordinator Signature
Day-1	<ul style="list-style-type: none"> ➤ Basic questions ➤ When ratio of efficiency is given ➤ When time is given in less than/more than format 			
Day-2	<ul style="list-style-type: none"> ➤ When someone leaves after some days ➤ When someone leaves before completion of work ➤ When leaves after and leaves before takes place together 			
Day-3	<ul style="list-style-type: none"> ➤ When work is done alternately ➤ When someone is replaced ➤ When part of work is completed in part of time 			

- ✓ Sectional Test - 1: 25 Questions

Day-4	<ul style="list-style-type: none"> ➤ Equation based questions ➤ Men, women and children based questions ➤ Contractor based questions 			
Day-5	<ul style="list-style-type: none"> ➤ Work and wages 			
Day-6 & 7	<ul style="list-style-type: none"> ➤ Pipe and cistern 			

- ✓ Sectional Test - 2: 25 Questions

Day-8	Doubt class			
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- ✓ Full length test: 25 Questions
- ✓ Practice work book with LOD 1, 2 and 3 consists of 300 Questions will be given.
- ✓ Total Questions given: 375



TIME, SPEED AND DISTANCE

		Date and Time	Faculty Signature	Class Coordinator Signature
Day-1	<ul style="list-style-type: none">➤ Basic questions (Ratio based questions)➤ When part-wise journey is covered➤ When path is crossed diametrically➤ Average speed			
Day-2	<ul style="list-style-type: none">➤ When breakdown of engine/accident takes place➤ Comparison of speed and time➤ When rest/stoppage is taken between the journey			
Day-3	<ul style="list-style-type: none">➤ Problem related to ship➤ Relative speed➤ Meeting of two persons/cars/trains etc.			

✓ **Sectional Test - 1: 25 Questions**

Day-4	<ul style="list-style-type: none">➤ Question, based on Boat and stream			
Day-5 & 6	<ul style="list-style-type: none">➤ Question, based on Trains			
Day-7	<ul style="list-style-type: none">➤ Questions based on Races			

✓ **Sectional Test - 2: 25 Questions**

Day-8 & 9	Doubt class			
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✓ **Full length test: 25 Questions**

✓ **Practice work book with LOD 1, 2 and 3 consists of 350 Questions will be given.**

✓ **Total Questions given: 425**

NUMBER SYSTEM, LCM & HCF & SIMPLIFICATION

Day-1	<ul style="list-style-type: none">➤ Basic Numeracy, Number tree			
Day-2	<ul style="list-style-type: none">➤ Unit Digit & No. of zeros			
Day- 3 & 4	<ul style="list-style-type: none">➤ Factorial & Factors			

✓ **Sectional Test - 1: 25 Questions**



Day-5	➤ Remainder Theorem and Factor Theoram			
Day- 6 & 7	➤ Divisibility Rule			

✓ **Sectional Test 2: 25 Questions**

Day-8	➤ Simplification (BODMAS)			
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✓ **Simplification full length test: 25 Questions**

Day- 9 & 10	➤ LCM & HCF based word problems			
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✓ **Sectional Test - 3: 25 Questions**

Day- 11 & 12	Doubt classes			
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- ✓ **Number system Full length test : 25 Questions**
- ✓ **Practice work book with LOD 1, 2 and 3 consists of 290 Questions will be given.**
- ✓ **HCF & LCM practice workbook with LOD 1, 2 & 3 consisting of 105 questions will be given**
- ✓ **Simplification practice workbook with LOD 1, 2 & 3 consisting of 350 questions will be given**
- ✓ **Total Questions given: 870**
- ✓ **A marathon class of 100 mix questions of Time & work, TSD & Number system should be taken.**

DATA INTERPRETATION

		Date and Time	Faculty Signature	Class Coordinator Signature
Day-1	➤ Pi chart			
Day-2	➤ Bar graph, Line Graph			
Day-3	➤ Table chart			
Day-4	➤ Histogram & Miscellaneous DI			

✓ **DI practice sheet consisting of 260 questions will be given.**

GEOMETRY

Day-1	➤ Lines and Angles ➤ Basic geometry			
Day-2	➤ Angle sum property, exterior and interior			
Day-3	➤ Types of triangles			

✓ **Sectional Test - 1: 25 Questions**



Day-4	➤ Centres of triangles			
Day-5	➤ Angle bisector theorem, angle between altitude and angle bisector			
Day-6	➤ Congruency and Similarity			
Day-7	➤ Cevians & Mass point geometry			

✓ **Sectional Test - 2: 25 Questions**

Day-8 & 9	➤ Quadrilateral (all types)			
Day-10	➤ Basic circle theorem			
Day-11	➤ Tangents, cyclic quadrilaterals			

✓ **Sectional Test - 3: 25 Questions**

Day- 12 & 13	Doubt classes			
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✓ **Full length test: 25 Questions**

✓ **Practice work book with LOD 1, 2 and 3 consists of 490 Questions will be given.**

✓ **Total Questions given: 590**

MENSURATION

Day-1 & 2	➤ Basic area (triangle) ➤ Question based on all types of Δ			
Day-3	➤ Rectangle and square (perimeter, area, road, margin)			

✓ **Sectional Test - 1: 25 Questions**

Day-4 & 5	➤ Area of quadrilateral all types			
Day-6	➤ Cube and cuboid			
Day-7	➤ Cylinder + Cone and Frustum			
Day-8	➤ Sphere + Hemisphere			

✓ **Sectional Test - 2: 25 Questions**

Day-9	➤ Miscellaneous			
Day-10 & 11	➤ Prism + Pyramid			



Day- 12	➤ Polygon			
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✓ **Sectional Test - 3: 25 Questions**

Day- 13 & 14	Doubt classes			
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✓ **Full length test: 25 Questions**

✓ **Practice work book with LOD 1, 2 and 3 consists of 500 Questions will be given.**

✓ **Total Questions given: 600**

✓ **A marathon class of 100 mix questions of Geometry & Mensuration should be taken.**

TRIGONOMETRY

Day-1	➤ All-important formulas ➤ Questions based on P, B and H			
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Day-2	➤ Questions based on value putting θ ($30^\circ, 45^\circ, 60^\circ, 90^\circ$)			
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Day-3	➤ Questions based on Complementary angle ➤ Questions based on Supplementary angle			
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Day-4	➤ Question based on $a \sin \theta + b \cos \theta = c$ $b \sin \theta + a \cos \theta = d$ All including $\sec \theta$ and $\operatorname{cosec} \theta$			
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✓ **Sectional Test - 1: 25 Questions**

Day-5, 6 & 7	➤ Question based on identity ➤ Question based on advance formula			
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✓ **Sectional Test - 2: 25 Questions**

Day-8 & 9	➤ All types of height and distance (Questions)			
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✓ **Sectional Test - 3: 25 Questions**

Day- 10	Doubt class			
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✓ **Full length test: 25 Questions**

✓ **Practice work book with LOD 1, 2 and 3 consists of 450 Questions will be given.**

✓ **Total Questions given: 550**



ALGEBRA

Day-1	<ul style="list-style-type: none"> ➤ Questions based on Ratio and Value based ➤ Question based on $(a+b)^2$, $(a-b)^2$, a^2-b^2 ➤ Question based on $(a+b)^3$, $(a-b)^3$, a^3+b^3, a^3-b^3 			
Day-2	<ul style="list-style-type: none"> ➤ Question based on $a^3+b^3+c^3-3abc=0$ 			

✓ Sectional Test - 1: 25 Questions

Day-3	<ul style="list-style-type: none"> ➤ Question based on $x + \frac{1}{x} / x^2 + \frac{1}{x^2} / x^3 + \frac{1}{x^3} \dots\dots$ 			
Day-4	<ul style="list-style-type: none"> ➤ Question based on symmetry 			
Day-5 & 6	<ul style="list-style-type: none"> ➤ Question based on value putting & advanced formula (surds and indices) 			

✓ Sectional Test - 2: 25 Questions

Day- 7 & 8	Doubt classes			
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✓ Full length test: 25 Questions

✓ Practice work book with LOD 1, 2 and 3 consists of 450 Questions will be given.

✓ Total Questions given: 525

COORDINATE GEOMETRY

Day-1	<ul style="list-style-type: none"> ➤ Introduction of coordinate geometry, Major imp. Formulas (Distance formulas, internal-external intersection formula, Mid-point formula, Centroid formula etc.) 			
Day-2	<ul style="list-style-type: none"> ➤ Equation of line, Mirror image, Area of triangle. 			

✓ Full length test: 25 Questions

✓ Practice work book with LOD 1, 2 and 3 consists of 100 Questions will be given.

✓ Total Questions given: 125

✓ A marathon class of 100 mix questions of trigonometry, algebra & co-ordinate geometry should be taken.



STATISTICS

Day-1	➤ Questions related to mean, median & mode.			
Day-2	➤ Question related to variance, Frequency Polygon, standard deviation.			
Day- 3	Doubt class			

- ✓ **Full length test: 25 Questions**
- ✓ **Practice work book with LOD 1, 2 and 3 consists of 125 Questions will be given.**
- ✓ **Total Questions given: 150**

PERMUTATION AND COMBINATION

Day-1	➤ Permutation- Arranging & picking digit, alphabet, colors etc.			
Day-2	➤ Combination- Selection & picking of menu, food, clothes, subject member from a group.			
Day- 3	Doubt class			

- ❖ **Practice work book with LOD 1, 2 and 3 consists of 100 Questions will be given.**

PROBABILITY

Day-1	➤ Random experiments: outcomes, sample space.			
Day-2	➤ Probability of an event, probability of 'NOT' 'AND' & 'OR' events. Inclusive and Exclusive properties based questions			
Day- 3	Doubt class			

- ❖ **Full length test: 25 Questions**
- ❖ **Practice work book with LOD 1, 2 and 3 consists of 150 Questions will be given.**
- ❖ **Total Questions given: 175**
- ❖ **A marathon class of 100 mix questions of statistics, permutation & combination & probability should be taken.**

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