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	SESSION	PLAN FOR CLASSES			
Subject	Total Classes	Total Hours = 653	Class Test	Sectional Test	Full Length Test
General studies	Ancient history 10 Medival history 08 Modern history 11 Physical Geography 11 Indian Geography 10 21 Indian polity 16 Economics 12 Physics 10 Chemistry 10 Biology 17	115 ×1.5 = 172.5	104	28	10
Computer knowledge	15 Classes	15×1.5 = 22.5	••••	4	1
English	74 Classes + 6 Marathon Classes	76 × 1.5 + 6 × 2 = 126	••••	16	6
Mathematics	123 Classes + 6 Marathon Classes + 26 Doubt Classes	123 × 1.5 + 6 × 3 + 26 × 1.5 = 241.5	••••	24	20
Reasoning	54 Classes + 3 Marathon Classes	54 × 1.5 + 3 × 3 = 90	••••	15	7



	Ancien	t Indian Histo	ry			
Day	Topics	Class test	Sectional test	Full lenth test	Faculty sign	Class- cordinator sign
Day 1	 Indus Valley Civilization □ Origin and extent □ Important excavated sites □ Archaeological finidig □ Common feature of Mjor cities 	AH-O1		4		
Day 2	Vedic Period ☐ Original homes of Aryans ☐ 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	AH-O2	SEC (AH)-	3021		
Day 3	Later Vedic Peroiod ☐ Geography of the Later Vedic Age ☐ Political Structure of Later Vedic Age ☐ Society of Later Vedic Period ☐ The religion of Vedic Period ☐ Important Terms used in Later Vedic Period	АН-ОЗ	01	FLT (AH)-01		
Day 4	Mahajanpadas and Rise of the Magadha empire ☐ Mahajanpadas ☐ Rise of the Magadha empire ☐ Haryanaka Dynasty ☐ Nanda Dynasty Foreign Invasions ☐ Iranian Invasion ☐ Macedonian Invasion	АН-О4				



Day 5	Jainism and Buddhism Jainism Mahvira;s life Doctrine of Jainism Buddhism Doctrin of Buddhism Litrature	АН-О5	1	
Day 6	Mauryan Age ☐ Chandragupta Maurya ☐ Ashoka – dhamma and pillars ☐ Mauryan administration and economy ☐ Literature ☐ Mauryan Art		1	
Day 7	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	AH-O6	SEC (AH)-	
Day 8	Gupta Empire and Post Gupta Era (Part 1) Chandragupta-1 Samundragupta and his policies and Prayag Prashasti Chandragupta-II Kumaragupta I	АН-О7		
Day 9	Gupta Empire and Post Gupta Era (Part 2) ☐ Vardhana Dynasty ☐ Harsha Administration			



	☐ Buddhism and Nalanda				
	☐ Harshacharita				
	☐ Hiuen Tsang				
	☐ Gupta inscriptions				
	☐ Administration				
	Art and culture, science and technology and				
	the golden age				
	Religious Literature				
	Sangam Age				
	☐ The three kingdom				
Day 10	State of Deccan and South India	AH-08	AH 08		
Day 10	Vakatakas	AII-00			
	Chalukyas of Badami				
	Pallavas of Kanch				
TC=10		CT= 8	ST=2	FLT=1	

	Medie	val Indian History	•			
Day	Topics	Class test	Sectional test	Full lenth test	Faculty sign	Class- cordinator sign
Day 1	North India (Rajputa Period) The Palas, The Gurjra-Pratiharas Rashtrakutas and tripartite struggle South India (Cholas and others) Chola Empire Rajraja and Rajendra I (discussed in detail) Local government	MH-01	SEC (MH)- 01	FLT (MH)-01		
Day 2	Arab Invasion ☐ Muhammad Bin Qasim ☐ Muhammad Ghaznavi ☐ Muhammad Ghori ☐ Battle of Tarain	MH-02				



Day 3	The Delhi Sultanate Part 1 ☐ Slave Dynasty ☐ Qutubuddin Aibak ☐ Iltutmish ☐ Raziya, Balban and major developments during slave dynasty	МН-03			
Day 4	The Delhi Sultanate Part 2 ☐ The Khalji Dynasty ☐ The Tughlaq Dynasty ☐ Sayyid Dynasty ☐ Lodi Dynasty ☐ Art and Architecture under the Delhi Sultanate	MH-04	4		
Day 5	Mughal Empire part 1 ☐ Babur ☐ Humayun's ☐ Sher Shah	мн-05		3021	
Day 6	Mughal Empire part 2 ☐ Akbar ☐ Jahangir- Nurjahan and her influence ☐ Shah jaha ☐ Aurangzeb	МН-06	SEC (MH)- 02		
Day 7	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 □ Anglo Maratha war	MH-07	52		
Day 8	Vijay nagar empire and Bhakti movement	MH-08			
TC=8		CT= 8	ST=2	FLT=1	



	Modern	ı Indian Histo	ry			
Day	Topics	Class test	Sectional test	Full lenth test	Faculty sign	Cordinator sign
Day 1	The Advent of the Europeans The Portuguese in India The Dutch The English The French The Danes	MIH-01		1		
Day 2	Expansion of British power British Conquest of Bengal Bengal on the Eve of British Conquest The Battle of Plassey Mir Kasim and the Treaty of 1760 The Battle of Buxar The Treaty of Allahabad Mysore's Resistance to the Company 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	MIH-02	SEC (MIH)- 01	3021		
Day 3	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	MIH-03				
Day 4	Social Reforms in British India Regeneration, reform and renaissance in india Social reformers in India Caste movement Peasent movements Tribal movements	MIH-04				



	British policy in india				
Day 5	Economic impact of british rule	MIH-05			
Day 3	☐ Land revenue system	W111-03			
	Modrate phase			FLT (MIH)-	
Do 6	<u> </u>	MIH-06		01	
Day 6	☐ Important organization before congress	M1U-00		01	
	☐ India national congress and Important session				
	Partition of Bengal				
Day 7	☐ The Swadeshi and Boycott Movement	MIH-07			
	The Surat Split				
	Morley-Minto Reforms-1909		1		
	Indian Freedom Struggle Under Gandhi part 1				
	Satyagrah- Kheda, Champaran, AhmadabadKhalifa moment		SEC (MIH)-		
Do 0		MIH-08	02		
Day 8	☐ Home Rule League ☐ Lucknow Pact between Congress and Muslim League	MIU-09	02	100	
	☐ Montagu's Statement of August 1917				
	Gadar movement				
	Indian Freedom Struggle Under Gandhi part 2		100		
	☐ The Rowlatt Act		40/		
	Jallianwala Bagh Massacre (April 13, 1919)		7		
	Revolutionary Activity During the 1920s				
Day 9	☐ Simon Commission and Nehru Report	MIH-09			
Duy D	Civil Disobedience Movement	11111 05			
	☐ Dandi March (March 12-April 6, 1930)				
	☐ Gandhi-Irwin Pact		SEC (MIH)-		
	☐ Communal Award and Poona Pact		03		
	Indian Freedom Struggle Under Gandhi part 3		1		
	☐ Individual satyagraha				
Day 10	☐ Quit India movement	MIH-10			
	□ INA				
	Partition of India				
Day 11	viceroy and governor general	MIH-11			
TC=11		CT= 11	ST=3	FLT=1	



	Physi	cal Geography	7			
Day	Topics	Class test	Sectional test	Full lenth test	Faculty sign	Cordinator sign
Day 1	The Universe & its formation theories. ☐ Big Bang Theory ☐ The Solar System ☐ Members of the Solar System	PH-01		1		
Day 2	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	PH-02	SEC (PH)- 01	FLT (PH)-01		
Day 3	Atmosphere & its Composition ☐ Structure of the Atmosphere	PH-03	2	FLI (PH)-UI		
Day 4	Atmospheric Pressure ☐ Global Pressure Belts ☐ Pressure and Wind ☐ Movement of the planetary winds ☐ Seasonal Wind & Local Winds	PH-04				
Day 5	Sources of Information Of the Earth's Interior □ Division of Earth's Interior- The Crust, The Mantle & The Core □ Minerals Rocks and its types □ Igneous Rocks	PH-05	SEC (PH)- 02			



	☐ Sedimentary Rocks				
	☐ Metamorphic Rocks				
	☐ Rock Cycle				
Day 6	Earthquake				
Day 0	☐ Measurement of earthquake				
	Earthquake waves-Body Waves & Surface Waves				
	☐ Shadow Zones				
	☐ Types of earthquakes				
	Volcanoes				
	☐ Major types of Volcanoes	PH-06			
	Evolution of Landforms				
	Landforms created by the action of Running				
	Water & the action of Groundwater				
	Landforms created by the action of GlacierLandforms created by the action of Wind				
	☐ Mountains and types of Mountains			000	
Day 7	Oceanography				
	☐ Ocean current	PH-07			
Day 8			100		
Day 8	☐ World Geography through Maps 1 ☐ North America Through Map	PH-08	70UI		
Day 8	☐ World Geography through Maps 1	РН-08	20011		
	☐ World Geography through Maps 1☐ North America Through Map	PH-08 PH-09	270011		
Day 8 Day 9	 □ World Geography through Maps 1 □ North America Through Map □ South America Through Map 		10011		
	 □ World Geography through Maps 1 □ North America Through Map □ South America Through Map World Geography through Maps 1 		17001		
	 □ World Geography through Maps 1 □ North America Through Map □ South America Through Map World Geography through Maps 1 □ Europe Through Map 		17001		
Day 9	 □ World Geography through Maps 1 □ North America Through Map □ South America Through Map World Geography through Maps 1 □ Europe Through Map □ Asia Through Map 	PH-09	SEC (DU)		
Day 9	□ World Geography through Maps 1 □ North America Through Map □ South America Through Map World Geography through Maps 1 □ Europe Through Map □ Asia Through Map □ Africa Through Map □ Africa Through Map □ Australia Through Map	PH-09	SEC (PH)-		
Day 9	□ World Geography through Maps 1 □ North America Through Map □ South America Through Map World Geography through Maps 1 □ Europe Through Map □ Asia Through Map □ Africa Through Map □ Australia Through Map □ Australia Through Map □ Major Mountain Ranges of the World	PH-09	SEC (PH)- 03		
Day 9 Day 10	□ World Geography through Maps 1 □ North America Through Map □ South America Through Map World Geography through Maps 1 □ Europe Through Map □ Asia Through Map □ Africa Through Map □ Australia Through Map □ Australia Through Map □ Major Mountain Ranges of the World □ Important Gulfs and Bays of the World	PH-09 PH-010	1 7		
Day 9 Day 10	□ World Geography through Maps 1 □ North America Through Map □ South America Through Map World Geography through Maps 1 □ Europe Through Map □ Asia Through Map □ Africa Through Maps 1 □ Africa Through Map □ Australia Through Map □ Major Mountain Ranges of the World □ Important Gulfs and Bays of the World □ Important Seas	PH-09 PH-010	1 7		
Day 9 Day 10	 □ World Geography through Maps □ North America Through Map □ South America Through Map ■ World Geography through Maps □ Europe Through Map □ Asia Through Map ■ Africa Through Map □ Africa Through Map □ Australia Through Map □ Major Mountain Ranges of the World □ Important Gulfs and Bays of the World □ Important Seas □ Major Straits of the World □ Lakes 	PH-09 PH-010	1 7		
Day 9 Day 10	 □ World Geography through Maps □ North America Through Map □ South America Through Map ■ World Geography through Maps □ Europe Through Map □ Asia Through Map ■ Africa Through Map □ Africa Through Map □ Australia Through Map □ Major Mountain Ranges of the World □ Important Gulfs and Bays of the World □ Important Seas □ Major Straits of the World □ Lakes □ Deserts 	PH-09 PH-010	1 7		
Day 9 Day 10	 □ World Geography through Maps □ North America Through Map □ South America Through Map ■ World Geography through Maps □ Europe Through Map □ Asia Through Map ■ Africa Through Map □ Africa Through Map □ Australia Through Map □ Major Mountain Ranges of the World □ Important Gulfs and Bays of the World □ Important Seas □ Major Straits of the World □ Lakes 	PH-09 PH-010	1 7	FLT=1	



	India	n Geography				
Day	Topics	Class test	Sectional test	Full lenth test	Faculty sign	Cordinator sign
Day 1	India: Geographical Extent & Frontiers ☐ Location and size ☐ India and the world ☐ India's neighbours	IG-01		1		
Day 2	Geological divisions. ☐ The Himalayas and other Peninsular Mountains	IG-02	_1			
Day 3	 Indo-Ganga-Brahmaputra Plain The Peninsular Plateau Western and Eastern Ghat The Indian Desert The Coastal Plains The Islands 	IG-03	SEC (IG)-01	FLT (IG)-01		
Day 4	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 and west Flowing River	IG-04		FLI (IG)-UI		
Day 5	Climate & Weather ☐ Factors influencing the climate of India including the impact of Monsoon ☐ Jet stream, El - Nino Effect Southern Oscillation & Role of ITCZ etc. Concept Of Monsoon Cycle of Seasons in India	IG-05	SEC (IG)-02			



					1	
	☐ The cold-weather season					
	☐ The Hot Weather Season					
	☐ The advancing monsoon seasons					
	☐ Retreating / Post Monsoon (The Transition					
	Season)					
	☐ Distribution Of Rainfall					
Day 6	Soil & Components of soil	IG-06				
•	☐ Classification of Soil- Alluvial soil, Black soil,					
	red and yellow soils, Laterite					
	soil, Arid soil, Saline soil, Peaty soil & Forest					
	soil					
	☐ Soil Erosion -Causes, Factors affecting &					
	impact					
	☐ Soil conservation methods					
Day 7	Natural Vegetation	IG-07		9		
24.5	☐ Forest classification	10.07				
	i orest classification					
Day 8	Land Transport	IG-08				
24.3	☐ Road Transport- Major highways of the world,		40/			
	Road Transport Of		2			
	☐ Railways in India					
	☐ Water Transport					
	☐ Air Transport					
Day 9	Land Resources and Agriculture	IG-09				
-	Cropping Seasons in India					
	Types of farming					
	☐ Food Grains					
	☐ Cereals-Rice &Wheat					
	🗖 Coarse Cereals- Jowar, Bajra & Maize					
	Pulses- Gram, Tur (Arhar)					
	☐ Oilseeds					
	☐ Fibre Crops- Cotton & Jute					
	☐ Other Crops- Sugarcane, Tea & Coffee					



Day 10	Mineral And Energy Resources Minerals & Classification of minerals Distribution of Minerals in India	IG-10			
	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			1	
TC=10		CT= 10	ST=3	FLT=1	

	Indian Polity							
Day	Topics	Class test	Sectional test	Full lenth test	Faculty sign	Cordinator sign		
Day 1	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) 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)	IP-01	SEC (IP)-01	FLT (IP)-01				
Day 2	Framing of the Indian constitution ☐ Composition of the Constituent Assembly ☐ Committees of the Constitutional Assembly	IP-02						



	☐ Enactment of the Constitution ☐ Enforcement of the Constitution Preamble ☐ Keywords of the Preamble ☐ Amenability of the Preamble ☐ Basic structure of the Constitution			
Day 3	 Union and States Parliament and Reorganization of States Evolution of States and Union Territories Citizenship Constitutional Provisions Citizenship Act, 1955 	IP-03	1	
Day 4	Fundamental rights Part 1 ☐ Features of Fundamental Rights ☐ Definition of States ☐ Law Inconsistent with Fundamental Rights ☐ Right to Equality ☐ Right to Freedom	IP-04	1001 (3)021	
Day 5	Fundamental rights Part 2 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 Present Position of Right to Property Exceptions to Fundamental Rights	IP-05	SEC (IP)-02	
Day 6	Directive principles of state policy ☐ Features of Directive Principles ☐ Classification of Directive Principles Fundamental duties ☐ Swarna Singh Committee Recommendations ☐ List of Fundamental Duties	IP-06		



Day 7	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 □ Comptroller and auditor general of India □ The vice-president	IP-07	
Day 8	The prime minister ☐ Powers and Functions of the Prime Minister ☐ Prime Minister-Role Descriptions ☐ Central Council of Ministers ☐ Cabinet Committee Chief Ministers	IP-08	10011
Day 9	Parliament Part 1	IP-09	SEC (IP)-03
Day 10	Parliament Part 2 ☐ Joint Sitting of Two Houses ☐ Budget in Parliament ☐ Multifunctional Role of Parliament	IP-10	



	☐ Ineffectiveness of Parliamentary Control				
	☐ Position of Rajya Sabha				
	33				
5 11	Parliamentary Privileges				
Day 11	Governor				
	☐ State legislature				
	Organisation of State Legislature				
	☐ Composition of Two Houses				
	Duration of Two Houses				
	Presiding Officers of State Legislature	IP-11			
	☐ Sessions of State Legislature				
	Legislative Procedure in State Legislature				
	Position of Legislative Council				
	Privileges of State Legislature				
	☐ Centre-state relations				
Day 12	Judiciary				
· ·	☐ Supreme Court	TD 10			
	☐ High Court	IP-12			
	Judicial Reforms		100		
Day 13	Local Self Government		7		
	Panchayati Raj Institutions	IP-13	2		
	Urban Local Bodies				
Day 14	Constitutional Bodies		1		
·	☐ Election Commission				
	☐ Union Public Service Commission				
	☐ State Public Service Commission	•/			
	☐ Finance Commission	44	SEC (IG)-04		
	☐ National Commission for SCs and STs	IP-14	, , ,		
	☐ Special Officers for Linguistic Minorities				
	☐ Comptroller and Auditor General of India				
	☐ Attorney General of India				
	☐ Advocate General of State				
Day 15	Non constitutional bodies				
2u, 10	☐ Planning Commission	IP-15			



	 □ National Development Council □ National Human Rights Commission □ State Human Rights Commission □ Central Information Commission □ Central Vigilance Commission □ Central Bureau of Investigation 				
	Lokpal and Lokayuktas			7	
Day 16	Statutory Bodies ☐ National Human Rights Commission ☐ National Commission for Women ☐ National Commission for Minorities ☐ National Commission for Backward Classes ☐ National Law Commission ☐ National Green Tribunal	IP-16	4		
TC=16		CT= 16	ST=4	FLT=1	

	Economics							
Day	Topics	Class test	Sectional test	Full lenth test	Faculty sign	Cordinator sign		
Day 1	Economy and Economics ☐ Characteristics of Indian economy ☐ Sectors of economy ☐ GDP, GNP, NNP, FACTOR COST, MARKET PRICE ☐ GDP Deflater	MEC-01	SEC (MEC)- 01	FLT (MEC)- 01				
Day 2	Concept Related to national income ☐ Methods of measuring national income ☐ Per Capita Income ☐ Purchasing Power Parity ☐ Lorenz Curve ☐ Philip's Curve	MEC-02	U1	U1				



	☐ Gini Coefficient				
	☐ Need to Measure Economic Growth				
Day 3	Socio-Economic Issues				
Day 3	☐ Inequalities Concept				
	Poverty	MEC-03			
	☐ Unemployment				
Day 4	Concept of Demand & supply				
	☐ Meaning & Law of Demand				
	☐ Factors of Demand				
	☐ Types of Good				
	☐ Normal inferior luxury, complementary,	MEC-04			
	substitute & Giffin Goods	MEC 01			
	☐ Price Determination				
	Production & factors of production				
	☐ Forms of market				
	☐ Perfect competition				
Day 5	Economic reform & planning	MBC OF	10%		
	☐ Five-year plan & planning commission	MEC-05	2		
Do 6	Type of planning & aim of planning				
Day 6	Fiscal Policy Basic Concept and Definition				
	☐ Fiscal Deficit				
	☐ Types of Fiscal deficit				
	☐ Deficit Financing	MEC-06			
	□ FRBM Act 2003				
	☐ Kelkar Committee				
	☐ Bimal Jalan Committee				
	 N.K Singh Committee 				
Day 7	Money Market				
	Basic Concept and Definition	MEC-07	SEC (MEC)-		
	☐ Call Money	111111111111111111111111111111111111111	02		
	☐ Government Securities				



	☐ Teasure Bill			
	Cash Management Bill			
	☐ Inter-corporate Deposit Market			
	☐ Commercial Papers			
	☐ Commercial Bills			
	☐ Money Market Reforms			
Day 8	Capital Market			
•	☐ Government Securities			
	☐ Mutual Fund			
	☐ Hedge Fund			
	☐ Venture Capital	1470.00	7	
	☐ Angel Investors	MEC-08		
	Private Equity			
	☐ Chit Funds			
	☐ Importance of Stock Exchange		100	
	☐ Stock Exchanges in India			
Day 9	Money, banking & financial Market system in			
•	India		1001	
	☐ Money		49/	
	☐ RBI & Monetary Policy	1570.00	7	
	☐ Financial Inclusion	MEC-09		
	☐ Banking System Structure & Type, Merger			
	☐ Digital banking & its tool			
	☐ Demonetisation, NPA		GDG (MEDG)	
Day 10	Taxation	*/	SEC (MEC)-	
•	☐ Types of Taxes		03	
	☐ Direct and Indirect Tax Ratio			
	☐ Tax to GDP Ratio			
	☐ Direct Tax Code	MEC-10		
	☐ Inverted Duty Structure			
	☐ Tax Expenditure			
	☐ Tax Havens			
	Pigouvian Tax			



Day 11	☐ POEM ☐ GAAR ☐ GST Inflation ☐ Types of Inflation				
	 Effects of Inflation Measurement of Inflation Impact of variation in inflation 	MEC-11		1	
Day 12	Foreign Trade and Investment Foreign Capital Foreign Direct Investment Portfolio Investment Foreign Trade Trade Policy SEZ, Reverse SEZ and IFS	MEC-12	1	200	
TC=12		CT=12	ST=3	FLT=1	
			Jac. III		

			109				
	Physics						
Day 1	Units and symbols ☐ System of units ☐ Some important unit of lenths, mass and time Motion ☐ Rectilinear motion ☐ Angular motion ☐ Rotational motion	PH-01	SEC (PH)- 01				
Day 2	Force ☐ Torque (or Moment of Force) ☐ Applications of Centripetal and Centrifugal forces ☐ Newton's Laws of Motion ☐ Impulse	PH-02					



	☐ Friction				
	Work, Energy and power				
Day 3	Gravitation ☐ Newton's Law of Gravitation (Universal Law of Gravitation) ☐ Application of gravity. ☐ Satellite ☐ Geostationary satellite ☐ Polar satellite	РН-03		1	
Day 4	Mechanical properties of fluids Fluid Pressure Atmospheric pressure Pascal's Law Buoyancy Floatation Archimedes' Principle Applications of Archimedes Principle Surface Tension Capillarity Flow of Fluid Bernoulli's Theorem Viscosity Elasticity	PH-04	SEC (PH)- 02	FLT(PH-01)	
Day 5	Oscillations Simple Harmonic Motion Waves Types of Waves Types of Mechanical Waves Sound Waves Doppler Effect Electromagnetic Waves	PH-05	92	, , ,	
Day 6	Thermal properties of matter ☐ Ideal-gas equation and Absolute temperature ☐ Boyle's law	PH-06			



	☐ 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				 	
Day 7	Optics part 1		1			
_	□ Light				 	
	☐ Reflection of light					
	☐ Laws of Reflection				 	
	☐ Mirror	DII 0=		200	 	
	Use of Spherical Mirrors	PH-07			 	
	☐ Mirror Formula				 	
	☐ Law of Refraction				 	
	☐ Refractive Index		70/		 	
	☐ Total Internal Reflection		1		 	
Day 8	Optics part 2		and (DVV)			
_	☐ Spherical Lenses		SEC (PH)-		 	
	☐ Lens Formula		03		 	
	☐ Power of a lens				 	
	☐ Dispersion of Light				 	
	☐ Creation of Rainbow				 	
	☐ Scattering of light	PH-08			 	
	□ Colours				 	
	☐ Human Eye				 	
	☐ Defects of Human Eye				 	
	☐ Optical Instrument				 	
	☐ The Microscope				 	
	☐ Telescope				 	



Day 9	Electricity	PH-09		1	
Day 10	Magnetism	PH-10	70UI	300	
TC=10		CT=10	ST=3	FLT=1	

Chemistry						
Day	Topics	Class test	Sectional test	Full lenth test	Faculty sign	Cordinator sign
Day 1	Matter and its states	CHM-01	SEC (CIIM)	FLT (CH01)		
Day 2	Classification of Matter	CHM-01	SEC (CHM)- 01			
Day 3	Atomic Structure and Atomic Theories	CHM-03	01			



Day 4	Periodic Table Part 1				
Day 5	Periodic Table Part 2	CHM-04			
Day 6	Periodic Table Part 3		OPO (OHM)		
Day 7	Nuclear fission and nuclear fussion	CHM-05	SEC (CHM)- 02		
Day 8	Acid base Salts		02		
Day 9	Chemistry in everyday life	CHM-06			
Day 10	Chemistry in everyday life				
TC=10		CT=06	ST=2	FLT=1	

		Biology			
Day 1	Cell & Cell Organelle Part 1	BIO-01			
Day 2	Cell & Cell Organelle Part 2	BIO-01	CEC (BIO)		
Day 3	Plant Tissues and Animal Tissues	BIO-02	SEC (BIO)- 01	200	
Day 4	Blood and Blood group	BIO 02	01		
Day 5	Human blood Circulation	BIO-03			
Day 6	Human Nutrion part 1	BIO 04	10		
Day 7	Human Nutrion part 2	BIO-04	70		
Day 8	Human Digestive System	BIO-05	SEC (BIO)-	ELT (DIO 01)	
Day 9	Human Skelton System	BIO-06	02	FLT (BIO-01)	
Day 10	Human Nervous System	BIO-07			
Day 11	Human Respiratory System	BIO-08			
Day 12	Classification of different organism	BIO-09			
Day 13	5 Kingdom Classification (Binomial nomenclature)		SEC (BIO)		
Day 14	Human diseases	BIO-10	SEC (BIO)- 03		
Day 16	Classification of Animals	BIO-11	03		
Day 17	Classification of Plants	BIO-12			
TC=17		CT=12	ST=3	FLT=1	



Computer knowledge						
Day	Topics	Class test	Sectional test	Full lenth test	Faculty sign	Cordinator sign
Day 1	Number System with Data Representation part 1					
Day 2	Number System with Data Representation part 2		COM-01			
Day 3	Introduction to Computer		COM-01			
Day 4	Computer Architecture					
Day 5	Central Processing Unit (Intro to Microprocessor) and Memory Management		COM-02	FLT (CM01)		
Day 6	Basic of Software and Operating System					
Day 7	Introduction to Windows Operating System					
Day 8	Data Base Management System					
Day 9	Computer Networks with Devices					
Day 10	OSI Model (TCP/IP)		0014 00			
Day 11	Computer Securities		COM-03			
Day 12	Basic of Internet, E and M-Commerce					
Day 13	Introduction to MS-Office (Theoretical Knowledge) part 1					
Day 14	Introduction to MS-Office 365 (Theoretical Knowledge) part 2		COM-04			
Day 15	Full form with Shortcuts and Doubt / Extra Class					
TC=15		CT=0	ST=4	FLT=1		



ENGLISH

<u>TEN</u>	ISES		
Types of tense Sequence of tense Practice set – 1 (75 questions including PYQs) Practice set – 2 (100 questions including PYQs)	Day 1 Day 2 Day 3 Day 4	1	
Discussion of remaining questions of practice sheet, Sectional Test (25 Questions) and its discussion	Day 5		

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

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



	NOUN			
Introduction (Definition & Usage) & Kinds of Nouns Gender & Number	Day 1 Day 2			
Case & Practice Questions (Spotting Error, Sentence Improvement etc)	Day 3			
Discussion of Practice Sheet (100 Questions)	Day 4		1	
Discussion of remaining questions of practice sheet, Sectional Test (25 Questions) and its discussion	Day 5			
Doubt Class – Articles & Noun				
		07	00	

	PRONOUN
Introduction (Definition & Usage) Kinds of Pronouns Rules and Usage with examples & Practice Questions (Spotting Error, Sentence Improvement etc)- 1 Rules and Usage with examples & Practice Questions (Spotting Error, Sentence Improvement etc)- 2 Discussion of Practice section (100 Questions)	Day 1 Day 2 Day 3 Day 4 Day 5
Discussion of remaining questions of practice sheet, Sectional Test (25 Questions) and its discussion MARATHON CLASS 2 (ARTICLES, NOUN & PRONOUN) - 10	Day 6
minuting Chica a finition of the first of th	00 &020110110



	VERB					
Introduction (Definition & Usage)	Day 1					
Person & Number	Day 2					
The Infinitive, Participle, Gerund	Day 3					
Auxiliaries & Models	Day 4					
Phrasal Verbs, Irregular Verbs	Day 5					
Subject - Verb Agreement & Practice Questions (Spotting	Day 6					
Error, Sentence Improvement etc)						
Question Tags	Day 7					
Discussion of Practice section (125 Questions)	Day 8					
Discussion of remaining questions of practice sheet,	Day 9					
Sectional Test (50 Questions) and its discussion						
Doubt Class - Pronoun & Verb	A .	20%				
	ADJECTIVE					
Introduction (Definition & Usage) & Comparison	Day 1	100				
Adjective used as Nouns	Day 2	49/				
Correct usage of some Adjectives & Practice Questions	Day 3					
(Spotting Error, Sentence Improvement etc.)						
Discussion of Practice Sheet (125 Questions)	Day 4					
Discussion of remaining questions of practice sheet,	Day 5					
Sectional Test	Day 5					
(25 Questions) and its discussion						
(10 Quodicino) unu ito unoudota						
ADVERB						
Introduction and its classification	Day 1					
Degrees of comparison	Day 2					
Practice set (100 questions including PYQs)	Day 3					
Discussion of remaining questions of practice sheet,	Day 4					
Sectional Test (25 Questions) and its discussion						
TOTAL TOTAL TOTAL PROPERTY NAME AND MADE AND MAD						



MADAMION OLAGO O (UDDD AD IDOMUD A ADUDDO) 100	OTTECAT	ONG				
MARATHON CLASS 3 (VERB, ADJECTIVE & ADVERS) – 100 Doubt Class – Adjective & Adverbs	QUESTI	ONS				
Doubt class - Adjective & Adverbs						
	<u>ONJUN</u>	<u>CTION</u>	_			
Introduction and its types – coordinating conjunction and	Day 1					
subordinate conjunction						
Correct use of some important conjunctions	Day 2					
Practice set (100 questions including PYQs)	Day 3					
Discussion of remaining questions of practice sheet, Sectional Test (25 Questions) and its discussion	Day 4					
	PREPOS	<u>ITION</u>				
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		40	JI C		
Discussion of remaining questions of practice sheet, Sectional Test (25 Questions) and its discussion	Day 4					
Doubt Class - Conjunction & Preposition						
MARATHON CLASS 4 (CONJUNCTION & PREPORSITIONS) – QUESTIONS	100					
<u>NARRATI</u>	ON & II	NTERJE	CTION			
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				
L-5 Interjection- Introduction, example & practice Set 75 questi including PYQ.	ons	Day 5				



Discussion of remaining questions of practice sheet, Sectional Tests and its discussion	Day 6			
	C D			
VOI			1	
L-1 CONCEPT OF ACTIVE AND PASSIVE, RULES	Day 1			
L-2 DISCUSSION OF COMPLEX QUESTIONS IN VOICE	Day 2			
L-3 PRACTICE 100 QUESTIONS	Day 3			
L-4 PRACTICE 100 PYQS	Day 4		1	
Discussion of remaining questions of practice sheet, Sectional Test (50 Questions) and its discussion	Day 5			
MARATHON CLASS 5 (NARRATION And VOICE) – 100 QUESTIONS Doubt Class – Narration & Voice		(000)		
<u>PARAJI</u>	<u>JMBLES</u>			
L-1 Types of Parajumbles and approach to solve them (75	71			
Questions)				
L-2 Types of Parajumbles and approach to solve them (75	2			
Questions)	nie v			
Discussion of remaining questions of practice sheet,	7 3			
Sectional Test (50 Questions) and its discussion				



READING COMPR	EHENSION & CLOZ	E TEST	
L-1 HOW TO READ A PASSAGE (5 Passages)	Day 1		
L-2 TIPS AND TRICKS TO APPROACH A PASSAGE & KINDS OF	Day 2		
QUESTIONS ASKED (5 Passages)			
L-3 PRACTICE (5 Passages)	Day 3		
L-4 PRACTICE (5 Passages)	Day 4		
L-5 CLOZE TEST-1 (10 Cloze Test)	Day 5		
L-6 CLOZE TEST-2 (10 Cloze Test)	Day 6		
Discussion of remaining questions of practice sheet,	Day 7		
Sectional Test [50 Questions (RC + Cloze Test)] and its			
discussion			

<u>100 IM</u>	PORTANT RULES
L-1 35 Rules	Day 1
L-2 35 Rules	Day 2
L-3 30 Rules	Day 3
L-4 Practice 100 Questions	Day 4
L-5 Practice 100 Questions	Day 5
Discussion of remaining questions of practice sheet,	Day 6
Sectional Test (25 Questions) and its discussion	
MARATHON CLASS 6 (Parajumbles, RC & Cloze Test And Imp	oortant Rules) –
100 QUESTIONS	
Doubt Class - Parajumbles, RC & Cloze Test And Important F	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

	ANALOGY + CLASSIF	ICATION / ODD ONE O	<u>UT</u>	
		Date and Time	Faculty Signature	Class Coordinator Signature
Day-1 (Analogy)	 General Knowledge based English Alphabet based Number based Alphabet – Number based Topic Sheet (200 Questions) Sectional Test (50 Questions) 		14	
Day-2 (Classification + Odd One Out)	 General Knowledge based English Alphabet based Number based Topic Sheet (150 Questions) 		(302)	
Day-3	> Sectional Test (25 Questions)		T.	
		10		

	CODING DECODING
Day-1	 Alphabet to Alphabet Coding Alphabet to Digit Coding Symbol Coding Substitutional Coding Topic Sheet (100 Questions)
Day-2	 Condition based Coding Direct Coding Hybrid Coding Topic Sheet (100 Questions)
Day-3	 PRACTICE CLASS Sectional Test (30 Questions)
Day 4	 Doubt Class (Analogy + Coding Decoding)



	DIRECTIO	N & DISTANCE
Day-1	 Basics of Direction Basic Direction Questions Pythagoras based Questions Degree based Questions 	
Day-2	 Clock based Questions Shadow based Questions Coded Direction based Questions Miscellaneous Questions Topic Sheet (100 Questions) 	
Day-3	PRACTICE CLASS Sectional Test (25 Questions)	

	BLOOD RELATION
Day-1	 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	PRACTICE CLASS
Day-3	Sectional Test (25 Questions) + Doubts Discussion
	ood Relation. (30 Questions) halogy, Coding Decoding, Direction & Relation.



	ORDER & RANKING
Day-1	 Introduction of Order and Ranking Evaluation Persons in the row Overlapping based Miscellaneous Questions Topic Sheet (50 Questions)
Day-2	PRACTICE CLASS SECTIONAL TEST (25 Questions)
	INEOUALITY
Day-1	 Understanding Inequality Signs & Rules Either or based Fill up the blanks with appropriate signs Statement and Merging based Topic Sheet (100 Questions)
Day-2	PRACTICE CLASS SECTIONAL TEST (25 Questions)
D 1	SYLLOGISM Listing division to Syllogism
Day-1	 Introduction to Syllogism Different cases of Syllogism Rules of Possibilities Topic Sheet (50 Questions)
Day-2	 Either Or Cases All and No Cases Topic Sheet (50 Questions)
Day-3	 Practice Sheet (100 Questions) Discussion



Day-4	SECTIONAL TEST (50 Questions) + Doubt Class	
	test of Order Ranking, Inequality and (50 Questions)	
		CLOCK
Day-1	 Mirror Image Time of Clock Problems based on Angles Time-Determination based Questions Faulty Clock Topic Sheet (50 Questions) 	
Day-2	PRACTICE CLASS	
	C	ALENDAR
Day-1	 Introduction to Calendar Finding Week day with Reference date Finding Week day without Reference date Topic Sheet (50 Questions) 	Achieve
Day-2	Repeated Calendar based Questions + SECTIONAL TEST (25 Questions)	
Day-3	Doubt Class of Clock & Calendar	



	<u> </u>	SERIES		
Day-1	 Number Series Alphabet Series Topic Sheet (100 Questions) 			
Day-2	 Alpha-Numeric Series Repeated Series Topic Sheet (100 Questions) 		1	
Day-3	 SECTIONAL TEST (25 Questions) Practice Sheet (200 Questions) Discussion 		1	
Day-4	DOUBT CLASS			
 Full length test of C Questions). 	lock + Calendar + Series (50			

	CUBE & DICE
Day-1	 Types of Dice Rules of Dice Open Dice Formula for Cube Topic Sheet (75 Questions)
Day-2	PRACTICE CLASS
Day-3	SECTIONAL TEST (25 Questions) + Doubt Class



	PROBLEMS BASED ON EN	GLISH ALPHABETS	
Day-1	 Arrangement of word based on English Dictionary Sequence of words Word Building Jumbled Type Miscellaneous Topic Sheet (100 Questions) 	1	
Day-2	PRACTICE CLASS		
	of Cube and Dice, Problems Based on English taken. (50 Questions).	(2002)	
Marathon Class o Based on English	f Clock/Calendar/Series/Cube & Dice/Problem Alphabet		

	COUNTING OF FIGURES				
Day-1	 Counting of Triangles Counting of Triangles in Triangle Counting of Squares Counting of Squares in Square Counting of Rectangles 				
Day-2	 Counting of Triangles in Squares Miscellaneous Figures Topic Sheet (40 Questions) 				



	PAPER FOLDING AND CUTTING
Day-1	Paper Folding and Cutting
	➤ Topic Sheet (50 Questions)
	MIRROR IMAGE & WATER IMAGE AND MATRIX
Day-1	➤ Mirror Image & Water Image and Matrix
Day-1	Topic Sheet (50 Questions)
	ropic sheet (30 Questions)
	SITTING ARRANGEMENT/PUZZLE
Day-1	Circular Arrangement – Inside facing
	Circular Arrangement – Outside facing
	> Topic Sheet (100 Questions)
Day-2	➤ Linear Arrangement – North facing
	➤ Linear Arrangement – South facing
	> Topic Sheet (100 Questions)
Day-3	➤ Floor based puzzles
	> Topic Sheet (100 Questions)
Day-4	> Year based puzzles
	> Topic Sheet (100 Questions)
Day-5	Sectional Test (40 Questions)
Day-6	Doubt Class
 Full leng 	th test of Sitting Arrangement/Paper Cutting &
Folding/	Mirror & Water Image. (35 Questions)
Full leng	th test of Puzzle. (30 Questions)



	DATA SUFFICIENCY	
Day-1	➤ Data Sufficiency – 1	
	> Topic Sheet (50 Questions)	
	LOGICAL REASONING	1
Day-1	> Statement and Arguments	
	> Statement and Assumptions Taxing Shoot (50 Occaptions)	
	> Topic Sheet (50 Questions)	
Day-2	> Statement and Courses of Action	
	> Drawing Inferences	
	> Topic Sheet (50 Questions)	
Day-3	PRACTICE CLASS	
	SECTIONAL TEST (25 Questions)	
	MATHEMATICAL OPERATIONS One of the state of	
Day-1	> 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)	
L		
	VENN DIAGRAM	
Day-1	➤ Basics of Venn Diagram	
	> Topic Sheet (100 Questions)	



FIGURAL SERIES					
Day-1	Basics of Figural SeriesTopic Sheet (50 Questions)				

COMPLETION OF INCOMPLETE FIGURES/ EMBEDDED FIGURES						
Day-1	 Basics of Completion of Incomplete Figures / Embedded Figures Topic Sheet (100 Questions) 					
Marathon Class of Co	omplete Syllabus	1/				

Mathematics

	PERCENTAGE
Day - 1	 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	 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	Expenditure = price × consumption
	Questions based on examination and
	marks obtained
Day-4	Election based questions
	income tax=income × rate
	Marriage concept
✓ Sectional test -	2: 25 Questions
Day-5	> 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	> 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	Commission based questions-
-uj !	Questions based on venn diagram
	2 decension subset on venin diagram
Day-8	Miscellaneous Questions



✓ Sectional test - 2: 25 Questions

Day-9&10	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, L	OSS AND DISCOUNT			
		Date and Time	Faculty Signature	Class Coordinator Signature	
Day-1	 Questions based on basic concept - ➤ When profit or loss is calculated on SP- ➤ Question based on successive percentage - 		7		
Day-2	 Questions based on manipulations in CP and SP- When profit or loss are given in form of CP and SP- 	49	OUT		
Day-3	 If cost price is same If selling price is same Part-wise selling of the article- 	achielle			
√ Sectional t	est – 1: 25 Questions	*/			
Day-4	 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	 DISHONEST MILKMAN DISHONEST SHOPKEEPER Questions based on linear equations- 	
Day-6	 DISCOUNT → P Questions based on basic concepts- P Questions based on ratio of SP, SP, MP and discount- 	1
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			

- ✓ 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		

- ✓ 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	 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	 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	➤ 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	> 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	 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 	Achiene	100	
Day-2	 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	 Find the Nth number, when a series of numbers is given- When a number is typed incorrectly-
Day-4	 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

✓ 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	 Basic questions based on ratio Mean proportion, third proportion and fourth proportion 	
Day-2	 Proportion based other questions Based on numbers Equation based questions 	
Day-3	 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

G

Session plan

Day-4	 Distribution of money Coins based questions When price is given in proportion to weight
Day-5	 Income based questions Questions on wages Questions on collection

✓ Sectional test - 2: 25 Questions

Day-6	Doubt class	1	

- ✓ 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

	1111CI NEIC	
Day-1	> Basic questions	
Day-2	 Advance level questions (Active & sleeping partner) 	70

- √ 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

	Condition		
Day-3	Doubt class (Ages + Partnership)		

- ✓ Practice work book with LOD 1, 2 and 3 consists of 100 Questions will be given.
- ✓ Total Questions given: 125



	MIXTURE & AL	LIGATION	
Day-1	> Basic questions When mixture is mixed in some ratio		
Day-2	 Some problems with twisted language When there are three vessels 	1	
Day-3	> Replacement		
Day-4	Alligation in two variablesAlligation in three variables	1	

✓ Full length test: 25 Questions

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Day-5	Doubt class			

- ✓ 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	 Basic questions When ratio of efficiency is given When time is given in less than/more than format
Day-2	 When someone leaves after some days When someone leaves before completion of work When leaves after and leaves before takes place together
Day-3	 When work is done alternately When someone is replaced



	> TT/1	T		T
	When part of work is completed in			
	part of time			
			•	<u> </u>

✓ Sectional test - 1: 25 Questions

Day-4	 Equation based questions Men, women and children based questions Contractor based questions 	1
Day-5	Work and wages	
Day-6 & 7	Pipe and cistern	

✓ Sectional test - 2: 25 Questions

Day-8 & 9	Doubt class	4/			
			311		

- ✓ 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	 Basic questions (Ratio based questions) When part-wise journey is covered When path is crossed diametrically Average speed 		



Day-2	 When breakdown of engine/accident takes place Comparison of speed and time When rest/stoppage is taken between the journey 		
Day-3	> Problem related to ship	1	
Day-4	 Relative speed Meeting of two persons/cars/trains etc. 	19	

✓ Sectional test - 1: 25 Questions

Day-5 & 6	Question, based on Boat and stream		
Day-7 & 8	Question, based on Trains		
Day-9	Questions based on Races	100	

✓ Sectional test - 2: 25 Questions

Day-10&11	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	Basic Numeracy, Number tree
Day-2	> Unit Digit & No. of zeros
Day- 3 & 4	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)		1	

✓ Simplification full length test: 25 Questions

Day- 9 & 10	LCM & HCF based word problems	1	
✓ Sectional test - 3: 2	25 Questions		

Day- 11 & 12 Doubt classes

✓ 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				
Day-2	Basic geometry				
Day-3	Angle sum property, exterior and interior				
Day-4	Types of triangles				

✓ Sectional test - 1: 25 Questions

Day-5	> Centres of triangles
Day-6	Angle bisector theorem, angle between altitude and angle bisector
Day-7	> Congruency and Similarity
Day-8	Civians & Mass point geometry

✓ Sectional test - 2: 25 Questions

Day-9 & 10	> Quadrilateral (all types)
Day-11	> Basic circle theorem
Day-12	> Tangents, cyclic quadrilaterals

✓ Sectional test - 3: 25 Questions

Day- 13 & 14	Doubt class	ses		

- √ 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	> Basic area (triangle)
Day-2 & 3	Question based on all types of Δ
Day-4 & 5	Rectangle and square (perimeter, area, road, margin)
✓ Sectional tes	st - 1: 25 Questions
Day-6 & 7	> Area of quadrilateral all types
Day-8	> Cube and cuboid
Day-9	> Cylinder + Cone and Frustum
Day-10	> Sphere + Hemisphere
✓ Sectional tes	st - 2: 25 Questions
Day-11	> Miscellaneous
Day-12 & 13	> Prism + Pyramid
Day- 14	> Polygon
√ Sectional tes	st - 3: 25 Questions
Day- 15 & 16	Doubt classes

- ✓ 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			
Day-2	> Questions based on P, B and H			
Day-3	 Questions based on value putting θ (30°, 45°, 60°, 90°) 			



Day-4	Questions based on
	Complementary angle
Day-5	Questions based on Supplementary
	angle
Day-6	Question based on a
	$\sin \theta + b \cos \theta = c$
	$b \sin \theta + a \cos \theta = d$
	All including $\sec \theta$ and \csc
√ Sectional te	est - 1: 25 Questions
Day-7 & 8	Question based on identity
Day-9 & 10	Question based on advance
•	formula
	est - 2: 25 Questions
Day-11 & 12	➤ All types of height and distance
	(Questions)
✓ Sectional te	est - 3: 25 Questions
Day- 13	Doubt class
	test: 25 Questions
✓ Practice wo	rk book with LOD 1, 2 and 3 consists of 450 Questions will be given.
	ions given: 550
2000	ALGEBRA
Day-1	Questions based on Ratio and
	Value based
Day-2	Question based on (a+b)², (a-b)²,
	a^2-b^2
Day-3	➤ Question based on (a+b)³, (a-b)³,
·	a ³ +b ³ , a ³ -b ³
Day-4	➤ Question based on a³+b³+c³-
-	3abc=0



✓ Sectional test - 1: 25 Questions

Day-5	Question based on	
	$x + \frac{1}{x}/x^2 + \frac{1}{x^2}/x^3 + \frac{1}{x^3}$	
Day-6	Question based on symmetry	1
Day-7 & 8	 Question based on value putting & advanced formula (surds and indices) 	

✓ Sectional test - 2: 25 Questions

Day- 9 & 10	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	Y
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Day-1	➤ Introduction of coordinate
	geometry, Major imp. Formulas (Distance formulas, internal- external intersection formula, Mid- point formula, Centroid formula etc.)
Day-2	> 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.



	ST	TATISTICS	
Day-1	Questions related to mean, median & mode.		
Day-2	 Question related to variance, Frequency Polygon, standard deviation. 		1
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

	1 DRMO INTO COMBINITION
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

Doubt class

Day- 3

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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CGL Preventive Officer







CGL ASO in MEA Assistant Audit officer Income Tax Inspector SSC CGL TAX ASSISTANT (SSC CGL PA/SA)





(RRB NTPC) Senior Assistant in Railway (level 5)



IBPS CLERK in Central Bank



Sub Inspector (UP POLICE)



Section Officer



Excise Inspector



Narcotics Inspector



SBI PO Asst. Manager









Roopal Gupta SBI PO



SBI PO



SBI PO



SBI PO



RRB PO



Radio Operator

RRB - PO



RRB PO 2019 RRB PO 2019



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Rahul Vishwakarma SBI - Clerk



Avinash Tripathi IBPS CLERK in Central Bank



Amit Yadav RRB CLERK



Shashank Dwivedi **RRB Officer Scale II**



Vivek Gautam SSC - CHSL



Vivek Kumar Postal Assistant (CHSL)



CHSL - PA & SA **High Court Junior Assistant**



SSC - MTS



Sanjay Negotiya **UP Police**



Ajay Kushwaha **UP Police**



UP Police



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Ramu Singh **Indian Railways**



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Anil sahu **Train Manager** (RRB NTPC)





Suarabh Yadav **Indian Army Clerk**



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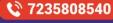
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