





Foundation Batch





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GalaxyClasses(Official)



	SESSION	PLAN FOR CLASSES			
Subject	Total Classes	Total Hours = 653	Class Test	Sectional Test	Full Length Test
General studies	Ancient history10Medieval history0829Modern history1111Physical Geography1111Indian Geography1021Indian polity16Economics12Physics10Chemistry10Biology17115	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-02	SEC (AH)-	6021		
Day 3	Later Vedic Period 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	AH-03	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 	AH-O4				



	Jainism and Buddhism			
Day 5	 Jainism Mahvira;s life Doctrine of Jainism Buddhism Doctrin of Buddhism Litrature 	AH-O5	1	
Day 6	 Mauryan Age Chandragupta Maurya Ashoka – dhamma and pillars Mauryan administration and economy Literature Mauryan Art 			
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)- 02	
Day 8	 Gupta Empire and Post Gupta Era (Part 1) Chandragupta-1 Samundragupta and his policies and Prayag Prashasti Chandragupta-II Kumaragupta I 	AH-07		
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				
5 10	State of Deccan and South India		1		
Day 10	Vakatakas	AH-08			
	Chalukyas of Badami				
	Pallavas of Kanch				
TC=10		CT= 8	ST=2	FLT=1	
10-10		01-0	51-2	FD1-1	
				/	

	Medieval 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							



	The Delhi Sultanate Part 1				
	□ Slave Dynasty				
Day 3	Qutubuddin Aibak	MH-03			
	□ Iltutmish				
	Raziya, Balban and major developments				
	during slave dynasty				
	The Delhi Sultanate Part 2				
	The Khalji Dynasty				
D	The Tughlaq Dynasty	МН-04			
Day 4	Sayyid Dynasty				
	Lodi Dynasty				
	□ Art and Architecture under the Delhi				
	Sultanate				
	Mughal Empire part 1 Babur			1.00	
Day 5	 Babur Humayun's 	MH-05			
-	\Box Sher Shah				
	Mughal Empire part 2				
	Akbar		107		
Day 6	 Jahangir- Nurjahan and her influence 	MH-06			
Duy	\square Shah jaha				
	□ Aurangzeb		SEC (MH)-		
	The Rise of Marathas		02		
	Early Career of Shivaji				
	 Treaty of Purandar and Shivaji's Visit to Agra 				
Day 7	□ Final Breach with Shivaji-Shivaji's	MH-07			
	Administration and Achievements				
	Anglo Maratha war				
Day 8	Vijay nagar empire and Bhakti movement	MH-08			
TC=8		CT= 8	ST=2	FLT=1	



	Modern	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 Fourth Anglo-Mysore War 	MIH-02	SEC (MIH)- 01			
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			
	□ Land revenue system				
	Modrate phase		FLT (MIH	i)-	
Day 6	Important organization before congress	MIH-06	01	•	
·	India national congress and Important session				
	Partition of Bengal				
Day 7	The Swadeshi and Boycott Movement	MIH-07			
Day 7	The Surat Split	MIH-07			
	Morley-Minto Reforms-1909				
	Indian Freedom Struggle Under Gandhi part 1		7		
	Satyagrah- Kheda, Champaran, Ahmadabad				
	Khalifa moment		SEC (MIH)-		
Day 8	Home Rule League	MIH-08	02		
	Lucknow Pact between Congress and Muslim League				
	Montagu's Statement of August 1917				
	Gadar movement				
	Indian Freedom Struggle Under Gandhi part 2		.10		
	The Rowlatt Act				
	Jallianwala Bagh Massacre (April 13, 1919)		2		
	Revolutionary Activity During the 1920s				
Day 9	Simon Commission and Nehru Report	MIH-09			
	Civil Disobedience Movement				
	Dandi March (March 12-April 6, 1930)		SEC (MIH)-		
	Gandhi-Irwin Pact		03		
	Communal Award and Poona Pact		03		
	Indian Freedom Struggle Under Gandhi part 3				
	Individual satyagraha				
Day 10	Quit India movement	MIH-10			
	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 	РН-02	SEC (PH)- (102) 01 10 10 10 10 10 10 10 10 10 10 10 10			
Day 3	Atmosphere & its Composition Structure of the Atmosphere 	РН-03	2	FLT (PH)-01		
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 	PH-05	SEC (PH)- 02			
	Rocks and its types Igneous Rocks					



	Sedimentary Rocks				
	Metamorphic Rocks				
	Rock Cycle				
Day 6	Earthquake				
	Measurement of earthquake				
	Earthquake waves-Body Waves & Surface Waves				
	Shadow Zones				
	□ Types of earthquakes				
	Volcanoes	PH-06			
	Major types of Volcanoes	FH-00			
	Evolution of Landforms		1		
	Landforms created by the action of Running Water & the action of Groundwater				
	□ Landforms created by the action of Glacier				
	□ Landforms created by the action of Wind				
	 Mountains and types of Mountains 			1.0%	
Day 7	Oceanography				
5	Ocean current	PH-07			
Day 8	World Geography through Maps 1				
U	North America Through Map	PH-08	40/		
	South America Through Map		2		
Day 9	World Geography through Maps 2	PH-09	/		
	Europe Through Map				
	□ Asia Through Map				
Day 10	World Geography through Maps 3	PH-010			
,	□ Africa Through Map				
	Australia Through Map		SEC (PH)-		
Day 11	Major Mountain Ranges of the World	PH- 11	03		
,	Important Gulfs and Bays of the World				
	□ Important Seas				
	 Major Straits of the World Lakes 				
	Deserts				
	 Deserts Ocean current 				
TC=11		CT= 11	ST=3	FLT=1	



	India	an 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			
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		FLT (IG)-01		
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			



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	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		100	
Day I	Forest classification	10-07			
Day 8	Land Transport	IG-08			
Day 0	□ Road Transport- Major highways of the world,	10-00	107		
	Road Transport Of				
	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	IG-10			
	Minerals & Classification of minerals				
	Distribution of Minerals in India				
	 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	Geothermai Energy & Bioenergy	CT= 10	ST=3	FLT=1	
			1		

	In	dian 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 (1813) Charter Act (1833) Charter Act (1853) 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)	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				



Day 3	 Enactment of the Constitution Enforcement of the Constitution Preamble Keywords of the Preamble Amenability of the Preamble Basic structure of the Constitution Union and States 		1	
	 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	1041 (302)	
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-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	1001
Day 9	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 Sessions of Parliament Devices of Parliament Legislative Procedure in Parliament	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		
	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	IP-12	
	High Court	IF-12	
	Judicial Reforms		1001
Day 13	Local Self Government		
	Panchayati Raj Institutions	IP-13	2
	Urban Local Bodies		
Day 14	Constitutional Bodies		
	Election Commission		
	Union Public Service Commission		
	State Public Service Commission	*/	
	Finance Commission	IP-14	SEC (IG)-04
	National Commission for SCs and STs	16-14	
	Special Officers for Linguistic Minorities		
	Comptroller and Auditor General of India		
	Attorney General of India		
	Advocate General of State		
Day 15	Non constitutional bodies	IP-15	
	Planning Commission		



	 National Development Council National Human Rights Commission State Human Rights Commission Central Information Commission Central Vigilance Commission Central Bureau of Investigation Lokpal and Lokayuktas 			1	
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	

	E	conomics				
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	01	01		



	Gini CoefficientNeed to Measure Economic Growth				
Day 3	Socio-Economic Issues				
	 Inequalities Concept Poverty Unemployment 	MEC-03		1	
Day 4	 Concept of Demand & supply Meaning & Law of Demand Factors of Demand Types of Good Normal inferior luxury, complementary, substitute & Giffin Goods Price Determination Production & factors of production Forms of market 	MEC-04	7	3031	
Day 5	 Perfect competition Economic reform & planning Five-year plan & planning commission 	MEC-05	1041		
Day 6	 Type of planning & aim of planning Fiscal Policy Basic Concept and Definition Fiscal Deficit Types of Fiscal deficit Deficit Financing FRBM Act 2003 Kelkar Committee Bimal Jalan Committee 	MEC-06			
Day 7	 N.K Singh Committee Money Market Basic Concept and Definition Call Money Government Securities 	MEC-07	SEC (MEC)- 02		



Cash Management Bill					
Inter-corporate Deposit Market					
Commercial Papers					
Commercial Bills					
Money Market Reforms					
Capital Market					
Government Securities					
Mutual Fund					
Hedge Fund					
Venture Capital	MEC 09	7			
Angel Investors	WIEC-08			×	
Private Equity					
Chit Funds					
Importance of Stock Exchange			200		
Stock Exchanges in India					
Money, banking & financial Market system in					
India		100			
Money					
	MEC 00	2 /			
	WIEC-09	/			
Banking System Structure & Type, Merger					
Digital banking & its tool					
Demonetisation, NPA		SEC (MEC)			
Taxation					
		00			
Direct Tax Code	MEC-10				
Inverted Duty Structure					
Tax Expenditure					
Tax Havens					
Pigouvian Tax					
	 Commercial Papers Commercial Bills Money Market Reforms Capital Market Government Securities Mutual Fund Hedge Fund Venture Capital Angel Investors Private Equity Chit Funds Importance of Stock Exchange Stock Exchanges in India Money, banking & financial Market system in India Money RBI & Monetary Policy Financial Inclusion Banking System Structure & Type, Merger Digital banking & its tool Demonetisation, NPA Taxation Types of Taxes Direct and Indirect Tax Ratio Tax to GDP Ratio Direct Tax Code Inverted Duty Structure Tax Expenditure Tax Havens 	 Cash Management Bill Inter-corporate Deposit Market Commercial Papers Commercial Bills Money Market Reforms Capital Market Government Securities Mutual Fund Hedge Fund Venture Capital Angel Investors Private Equity Chit Funds Importance of Stock Exchange Stock Exchanges in India Money, banking & financial Market system in India Money RBI & Monetary Policy Financial Inclusion Banking System Structure & Type, Merger Digital banking & its tool Demonetisation, NPA Taxation Types of Taxes Direct and Indirect Tax Ratio Tax to GDP Ratio Direct Tax Code Inverted Duty Structure Tax Expenditure Tax Havens 	□ Cash Management Bill Inter-corporate Deposit Market □ Commercial Papers Commercial Bills □ Commercial Bills Money Market Reforms Capital Market Government Securities □ Mutual Fund Hedge Fund □ Venture Capital MEC-08 □ Private Equity Chit Funds □ Importance of Stock Exchange Stock Exchanges in India Money RBI & Monetary Policy ■ RBI & Monetary Policy MEC-09 □ Financial Inclusion Banking System Structure & Type, Merger □ Digital banking & its tool Direct and Indirect Tax Ratio □ Tax to GDP Ratio MEC-10 □ Inverted Duty Structure MEC-10	Cash Management Bill Inter-corporate Deposit Market Commercial Bapers Commercial Bills Money Market Reforms Money Market Reforms Capital Market Government Securities Mutual Fund Hedge Fund Venture Capital MEC-08 Private Equity MEC-08 Chit Funds Importance of Stock Exchange Stock Exchanges in India MEC-09 Money, banking & financial Market system in India MEC-09 Money RBI & Monetary Policy MEC-09 Financial Inclusion Banking System Structure & Type, Merger Digital banking & its tool Demonetisation, NPA MEC-10 SEC (MEC)-03 Taxation Tax to GDP Ratio MEC-10 Inverted Duty Structure MEC-10 MEC-10	Cash Management Bill Inter-corporate Deposit Market Commercial Papers Commercial Bills Money Market Reforms Capital Market Government Securities Mutual Fund Hedge Fund Venture Capital Angel Investors Private Equity Chit Funds Importance of Stock Exchange Stock Exchanges in India Money RBI & Monetary Policy Financial Inclusion Banking Sk its tool Demonetisation, NPA Taxation Tax to GDP Ratio Direct Tax Code Inverted Duty Structure Tax Expenditure Katewens Kat



Day 11	Inflation □ Types of Inflation □ Effects of Inflation	MEC-11		1		
	Measurement of InflationImpact of variation in inflation					
Day 12	Foreign Trade and Investment Foreign Capital					
	G Foreign Direct Investment		1			
	Portfolio Investment	MEC-12			>	
	 Foreign Trade Trade Policy 					
	□ SEZ, Reverse SEZ and IFS			200		
TC=12		CT=12	ST=3	FLT=1		

		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	GIOCI FLT(PH-01)	
Day 5	Oscillations Simple Harmonic Motion Waves Types of Waves Sound Waves Doppler Effect Electromagnetic Waves	PH-05			
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 Light Reflection of light Laws of Reflection Mirror Use of Spherical Mirrors Mirror Formula Law of Refraction Refractive Index Total Internal Reflection	PH-07	1041 CO2
Day 8	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	PH-08	SEC (PH)- 03



Day 9	 Electricity Charge Coulomb's law Faraday's Laws of Electrolysis Ohm's law Conductors, Resistors, Semiconductors, and Insulators Ammeter and Voltmeter 	PH-09		1	
Day 10	Magnetism Magnetic Field Magnetism and Matter Bar Magnet Gauss's law Magnetic properties of materials Ferromagnetism Diamagnetic Permeability Magnetic Susceptibility and Retentively Permanent magnets and Electromagnets Electromagnetic Induction Faraday's law of Induction Fleming's Right-Hand Rule Inductance AC generator	PH-10		308	
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	СНМ-03						



Day 4	Periodic Table Part 1				
Day 5	Periodic Table Part 2	CHM-04			
Day 6	Periodic Table Part 3				
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	Ы0-01	SEC (BIO)		
Day 3	Plant Tissues and Animal Tissues	BIO-02	SEC (BIO)- 01	207	
Day 4	Blood and Blood group	BIO-03			
Day 5	Human blood Circulation	BIO-03			
Day 6	Human Nutrion part 1	BIO-04	.10		
Day 7	Human Nutrion part 2	BIO-04			
Day 8	Human Digestive System	BIO-05	SEC (BIO)-	FLT (BIO-01)	
Day 9	Human Skelton System	BIO-06	02	FLI (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 (DIO)		
Day 14	Human diseases	BIO-10	SEC (BIO)- 03		
Day 16	Classification of Animals	BIO-11	00		
Day 17	Classification of Plants	BIO-12			
TC=17		CT=12	ST=3	FLT=1	



Day	Topics	outer knowled 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					
Day 4	Computer Architecture					
Day 5	Central Processing Unit (Intro to Microprocessor) and Memory Management					
Day 6	Basic of Software and Operating System		COM-02			
Day 7	Introduction to Windows Operating System					
Day 8	Data Base Management System			FLT (CM01)		
Day 9	Computer Networks with Devices					
Day 10	OSI Model (TCP/IP)		0.014.00			
Day 11	Computer Securities		СОМ-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		СОМ-04			
Day 15	Full form with Shortcuts and Doubt / Extra Class					
TC=15		CT=0	ST=4	FLT=1		



ENGLISH					
<u> </u>	<u>NSES</u>				
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				

CONDIT	<u>FIONALS</u>
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 QUEST Doubt Class – Conditionals & Tenses	TONS

		<u>ev</u>		
	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	Day 1					
Gender & Number	Day 2					
Case & Practice Questions (Spotting Error, Sentence	Day 3					
Improvement etc)						
Discussion of Practice Sheet (100 Questions)	Day 4					
Discussion of remaining questions of practice sheet,	Day 5					
Sectional Test (25 Questions) and its discussion						
Doubt Class – Articles & Noun						
			00			
	PRONOUN					
Introduction (Definition & Usage)	Day 1					
Kinds of Pronouns	Day 2					
Rules and Usage with examples & Practice Questions	Day 3	107				
(Spotting Error, Sentence Improvement etc)- 1						
Rules and Usage with examples & Practice Questions	Day 4					
(Spotting Error, Sentence Improvement etc)- 2		γ				
Discussion of Practice section (100 Questions)	Day 5					
Discussion of remaining questions of practice sheet,	Day 6					
Sectional Test (25 Questions) and its discussion						
MARATHON CLASS 2 (ARTICLES, NOUN & PRONOUN) - 100 QUESTIONS						



	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, Sectional Test (50 Questions) and its discussion	Day 9						
Doubt Class – Pronoun & Verb			<i>~</i> 07				
	ADJECTIVE						
Introduction (Definition & Usage) & Comparison	Day 1	109					
Adjective used as Nouns	Day 2	47					
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							
(25 Questions) and its discussion							
	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, Sectional Test (25 Questions) and its discussion	Day 4						



MARATHON CLASS 3 (VERB, ADJECTIVE & ADVERS) – 10 Doubt Class – Adjective & Adverbs	0 QUESTIONS			
	CONJUNCTION			
Introduction and its types – coordinating conjunction and subordinate conjunction Correct use of some important conjunctions Practice set (100 questions including PYQs)	Day 1 Day 2 Day 3		1	
Discussion of remaining questions of practice sheet, Sectional Test (25 Questions) and its discussion	Day 4			
	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	10Ur		
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			

NARRATION & INTERJECTION		
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 questions	Day 5	
including PYQ.		



Discussion of remaining questions of practice sheet, Sectional	Day 6		
Tests and its discussion			

VOIC	<u>>E</u>		
L-1 CONCEPT OF ACTIVE AND PASSIVE, RULES	Day 1		
L-2 DISCUSSION OF COMPLEX QUESTIONS IN VOICE L-3 PRACTICE 100 QUESTIONS	Day 2 Day 3		
L-4 PRACTICE 100 PYQS	Day 4		
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		(302)	

PA1	RAJUMBLES	
L-1 Types of Parajumbles and approach to solve them (75 Questions) L-2 Types of Parajumbles and approach to solve them (75 Questions)	Day 1 Day 2	
Discussion of remaining questions of practice sheet, Sectional Test (50 Questions) and its discussion	Day 3	



READING COMPR	EHENSION & CLO2	ZE TEST		
L-1 HOW TO READ A PASSAGE (5 Passages) L-2 TIPS AND TRICKS TO APPROACH A PASSAGE & KINDS OF QUESTIONS ASKED (5 Passages) L-3 PRACTICE (5 Passages) L-4 PRACTICE (5 Passages) L-5 CLOZE TEST-1 (10 Cloze Test) L-6 CLOZE TEST-2 (10 Cloze Test)	Day 1 Day 2 Day 3 Day 4 Day 5 Day 6		1	
Discussion of remaining questions of practice sheet, Sectional Test [50 Questions (RC + Cloze Test)] and its discussion	Day 7			
100 100				
	PORTANT RULES			
L-1 35 Rules L-2 35 Rules L-3 30 Rules L-4 Practice 100 Questions L-5 Practice 100 Questions	Day 1 Day 2 Day 3 Day 4 Day 5	1041		
Discussion of remaining questions of practice sheet, Sectional Test (25 Questions) and its discussion	Day 6			
MARATHON CLASS 6 (Parajumbles, RC & Cloze Test And Impe 100 QUESTIONS Doubt Class – Parajumbles, RC & Cloze Test And Important R	*/			
Note	I		I	

- > 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	DUT	
		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) 		, 1	
Day-2 (Classification + Odd One Out)	 General Knowledge based English Alphabet based Number based Topic Sheet (150 Questions) 		Coal	
Day-3	 Sectional Test (25 Questions) 	01	II	

	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)



	DIRECTION	& 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)		
		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) 	1041	
Day-2	PRACTICE CLASS		
Day-3	Sectional Test (25 Questions) + Doubts Discussion		
 Marathon of 	test of Blood Relation. (30 Questions) class of Analogy, Coding Decoding, Direction & nd Blood Relation.		



	ORDER & RAN	KING
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)	

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)

SYLLOGISM

2V

	<u>STLLOGISM</u>
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		
 Full length test of Order Ranking, Inequality and Syllogism. (50 Questions) 			

				· · · · · · · · · · · · · · · · · · ·
		<u>CLOCK</u>		
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)90	
			I	

<u>CALENDAR</u>		
Day-1	 Introduction to Calendar Finding Week day with Reference date Finding Week day without Reference date Topic Sheet (50 Questions) 	
Day-2	 Repeated Calendar based Questions + SECTIONAL TEST (25 Questions) 	
Day-3	Doubt Class of Clock & Calendar	



	SERIES
Day-1	 Number Series Alphabet Series Topic Sheet (100 Questions)
Day-2	 Alpha-Numeric Series Repeated Series Topic Sheet (100 Questions)
Day-3	 SECTIONAL TEST (25 Questions) Practice Sheet (200 Questions) Discussion
Day-4	DOUBT CLASS
 Full length t Questions). 	est of Clock + 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) 		
Day-2	PRACTICE CLASS		
<u> </u>	of Cube and Dice, Problems Based on English aken. (50 Questions).	03	
 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				
	Topic Sheet (50 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)
Dorr 4	Year based puzzles
Day-4	
	Topic Sheet (100 Questions)
Day-5	Sectional Test (40 Questions)
Day-6	Doubt Class
 Full length test of 	of Sitting Arrangement/Paper Cutting &
Folding/Mirror 8	water Image. (35 Questions)
 Full length test of 	of Puzzle. (30 Questions)



DATA SUFFICIENCY					
Day-1	Day-1 > Data Sufficiency – 1				
	Topic Sheet (50 Questions)				

	LOGICAL REAS	SONING
Day-1	 Statement and Arguments Statement and Assumptions 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)	(C)90

	MATHEMATICAL OPERATIONS
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)

VENN DIAGRAM				
Day-1	 Basics of Venn Diagram 			
	Topic Sheet (100 Questions)			



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

	COMPLETION OF INCOMPLETE	FIGURES/ EMBEDDED FIGURES
Day-1	 Basics of Completion of Incomplete Figures / Embedded Figures Topic Sheet (100 Questions) 	
Marathon Clas	ss of Complete Syllabus	
		matics
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- 	1000 100 100 100 100 100 100 100 100 10
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 	



Day-3	Spending/total value of households etc Comparison Expenditure = price × consumption Questions based on examination and Image: Construction
Day-4	marks obtained Image: Constraint of the second se
✓ Sectional Test - 1: 25 Day-5 > > >	5 Questions 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- comparison of salaries of more than two persons-
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- Questions based on venn diagram
Day-8	Miscellaneous Questions
$\frac{\checkmark}{\text{Sectional Test} - 2:2}$	5 Questions

Day-9 & 10 Doubt Class

✓ 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, LO	SS 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 - 		1	
Day-2	 > Questions based on manipulations in CP and SP- > When profit or loss are given in form of CP and SP- 		2	
Day-3	 If cost price is same If selling price is same Part-wise selling of the article- 		C)OC	
	1 Test – 1: 25 Questions		5/	
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 	Achieve		
Day-5	 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
	est - 2: 25 Questions
Day-8 & 9	Doubt classes
✓ Full lengt	rk book with LOD 1, 2 and 3 consists of 290 Questions will be given. test: 25 Questions ions 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 > True discount 		
Day-3	True discountInstallment	. 7	
✓ Full leng	gth test: 25 Questions		<u> </u>
Day-4	Doubt class		
	work book with LOD 1, 2 and 3 consists of 145 (lestions given: 170		
	COMPOUND		
		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 	Achieve	
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	1
Day-4	Installment	
✓ Full leng	gth test: 25 Questions	

Day-5

Doubt class

✓ Practice work book with LOD 1, 2 and 3 consists of 175 Questions will be given.

 \checkmark Total Questions given: 200

✓ A marathon class of 100 mix questions of percentage, profit & loss, CI & SI should be taken.

AVE	RAG	E

		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 	Achieve -	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	\succ Find the N th 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			
Day-5	Doubt class		
✓ Practice work 1	oook with LOD 1, 2 and 3 consists of 20	0 Questions will be given.	
✓ Total Question:			
		0 & PROPORTION	
		Date and Time Faculty Signature	Class Coordinator
			Signature
Day-1			
	Basic questions based on ratio		
~	 Basic questions based on ratio Mean proportion third proportion 		
·	Mean proportion, third proportion	nieus	
	 Mean proportion, third proportion and fourth proportion 	achielle	
Day-2	 Mean proportion, third proportion and fourth proportion Proportion based other questions 	Achieus	
	 Mean proportion, third proportion and fourth proportion Proportion based other questions Based on numbers 	Achielle	
Day-2	 Mean proportion, third proportion and fourth proportion Proportion based other questions Based on numbers Equation based questions 	Achielle	
	 Mean proportion, third proportion and fourth proportion Proportion based other questions Based on numbers Equation based questions Selected and unselected based 	Achieus	
Day-2	 Mean proportion, third proportion and fourth proportion Proportion based other questions Based on numbers Equation based questions Selected and unselected based When someone is added in/ 	Achieus	
Day-2	 Mean proportion, third proportion and fourth proportion Proportion based other questions Based on numbers Equation based questions Selected and unselected based When someone is added in/ removed from a group 	<u>Achielle</u>	
Day-2	 Mean proportion, third proportion and fourth proportion Proportion based other questions Based on numbers Equation based questions Selected and unselected based When someone is added in/ removed from a group Boys/girls based question 	Achieus	
Day-2	 Mean proportion, third proportion and fourth proportion Proportion based other questions Based on numbers Equation based questions Selected and unselected based When someone is added in/ removed from a group 	Ashieus	

✓ Sectional Test - 1: 25 Questions



Day-4 Day-5	 Distribution of money Coins based questions When price is given in proportion to weight Income based questions Questions on wages
	 Questions on collection
✓ Sectional 1	Yest - 2: 25 Questions
Day-6	Doubt class
	test: 25 Questions ork book with LOD 1, 2 and 3 sheets of 250 Questions will be given. as given: 325
	PARTNERSHIP
Day-1	> Basic questions
Day-2	Advance level questions (Active & sleeping partner)
✓ Practice we	test: 25 Questions ork book with LOD 1, 2 and 3 consists of 100 Questions will be given. tions 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)
	ork book with LOD 1, 2 and 3 consists of 100 Questions will be given. tions given: 125



	MIXTUE	RE & ALLIGATION
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 leng	th test: 25 Questions	
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 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 	



 When part of work is completed in part of time 			
--	--	--	--

✓ 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	
\checkmark Sectional T	est - 2: 25 Questions	000

Day-8 & 9	Doubt class	
/		

- ✓ 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

6				
TIME,	SPEED	AND I	DISTANCE	

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. 	

✓ Sectional Test - 1: 25 Questions

Day-5 & 6	 Question, based on Boat and stream 	(202)	
Day-7 & 8	Question, based on Trains		
Day-9	 Questions based on Races 	100	
✓ Sectional Test	- 2:25 Questions		

- ✓ Sectional Test 2: 25 Questions Doubt class
- Day-10&11
 - ✓ 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 I.CM & 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 Te	st 2: 25 Questions	
Day-8	 Simplification (BODMAS) 	
✓ Simplification	n full length test: 25 Questions	
Day- 9 & 10	LCM & HCF based word problems	
✓ Sectional Tes	t - 3: 25 Questions	
Day- 11 & 12	Doubt classes	
•	m 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 Tes	st - 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 Tes	st - 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 classes		

✓ Full length test: 25 Questions

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

 \checkmark 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 Test	- 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 Test	- 2: 25 Questions			
Day-11	> Miscellaneous			
Day-12 & 13	> Prism + Pyramid			
Day- 14	> Polygon			
✓ Sectional Test - 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 				

Total Questions given: 600
 A marathon class of 100 mix questions of Geometry & Mensuration should be taken.

TRIGONOMETRY

	INGONOMETRI
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	\triangleright Question based on a $\sin \theta + b \cos \theta = c$ $b \sin \theta + a \cos \theta = d$ All including sec θ and cosec \frown
✓ Sectional Te	est - 1: 25 Questions
Day-7 & 8	> Question based on identity
Day-9 & 10	> Question based on advance formula

✓ Sectional Test - 2: 25 Questions

Day-11 & 12	\succ	All types of height and distance
		(Questions)

✓ Sectional Test - 3: 25 Questions

Day- 13 Doubt class

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	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+b³}, a^{3-b³} 			
Day-4	Question based on a ³ +b ³ +c ³ - 3abc=0			



🗸 🗸 Sectional Te	est - 1: 25 Questions	
Dav-5	Ouestion based on	

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						
✓ Full length test: 25 Questions							
✓ Practice work book with LOD 1, 2 and 3 consists of 450 Questions will be given.							
✓ Total Question	s given: 525	CO ²					

COORDINATE GEOMETRY

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.



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			

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.

