

MATHEMATICS TREND ANALYSIS

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S.N.	CHAPTER	2019		2018		2017		2016		2015		2014		2013		2012	
		I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II
1.	Binary System of Numbers	00	01	1	1	01	01	01	01	01	02	01	02	02	01	02	02
2.	Logarithms	00	01	4	3	00	01	01	00	01	01	00	01	01	01	01	04
3.	Inequalities	00	00			00	00	00	00	00	00	00	00	00	00	00	00
4.	Set Theory	08	06	5	4	05	03	02	03	03	06	02	03	09	09	04	11
5.	Complex Number	02	02	7	2	06	04	06	06	03	05	04	05	01	02	03	02
6.	Quadratic Equations	04	11	1	4	05	05	06	05	04	04	02	02	09	08	03	06
7.	Sequence and Series	04	07	4	7	06	08	05	09	04	01	05	02	03	02	05	06
8.	Permutation and Combination	04	04	5	5	02	02	04	03	05	02	02	05	02	03	02	01
9.	Probability	15	08	9	7	09	11	11	12	12	08	10	06	11	10	10	03
10.	Binomial Theorem	02	03	5	2	02	02	00	01	05	00	05	03	02	01	00	02
11.	Matrices	04	02	3	8	07	07	02	02	04	06	04	03	05	02	06	07
12.	Determinants	04	03		6	04	04	02	03	04	03	05	03	03	04	02	04
13.	Real Numbers and Functions of Real variables	07	09	5	2	10	07	06	03	05	03	05	02	01	02	04	01
14.	Limits, Continuity and Differentiability	02	03	5	6	04	06	09	08	07	08	07	11	07	06	04	04
15.	Differentiation	03	03	2	4	02	03	03	03	04	05	04	03	03	05	04	02
16.	Application of Derivatives	03	08	4	5	03	07	09	06	07	06	04	08	02	03	03	06
17.	Indefinite Integrals	02	02	1	3	03	03	00	02	03	04	04	00	04	02	03	02
18.	Definite Integrals	02	02	7	3	03	02	05	03	05	04	06	05	02	04	03	02
19.	Area Bounded by Region	01	02	1		00	02	06	01	01	04	03	00	03	03	02	01
20.	Differential Equations	04	03	5	7	05	04	01	04	04	04	03	09	03	05	07	03
21.	Trigonometric Ratios, Identities and Equations	19	09	10	9	10	05	06	07	04	05	10	07	07	11	08	15
22.	Inverse Trigonometrical Function	02	01	1		01	02	02	01	02	04	01	03	01	01	01	03
23.	Properties of Triangle	01	03	2	1	00	02	02	00	03	01	02	03	01	01	00	03
24.	Height and Distance	01	01	2	2	01	02	00	02	02	02	01	01	02	03	02	04
25.	2D Analytical Geometry	03	02	1	1	05	01	06	02	01	04	01	00	07	02	07	03
26.	Straight Line	02	02	9	3	02	05	04	06	06	04	02	04	05	05	04	04
27.	Circle & Family of Circle	03	00		3	02	01	05	01	02	01	02	00	01	01	00	00
28.	Parabola	01	00			00	00	00	02	00	00	01	00	01	00	00	00
29.	Ellipse	01	01	1		01	02	00	01	01	00	01	01	01	01	02	02
30.	Hyperbola	01	00			00	00	00	03	01	01	00	00	01	01	00	00
31.	Vector	06	05	5	8	05	02	05	06	09	07	10	06	06	06	08	06
32.	3D Analytical Geometry	04	05	4	4	05	08	06	07	04	08	08	09	05	07	08	06
33.	Statistics	05	11	11	10	11	08	05	07	03	07	05	13	09	08	12	05
	Total	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120

PHYSICS TREND ANALYSIS

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S.N.	CHAPTER	2019 (I)	2019 (II)	2018 (I)	2018 (II)	2017 (II)	2017 (I)	2016 (II)	2016 (I)	2015 (II)	2015 (I)	2014 (II)	2014 (I)
	MECHANICS	2	1										
1.	UNIT MEASUREMENT AND DIMENSION	2	2	-	1	2	2	-	1	-	1	2	1
2.	MOTION OF OBJECTS		-	2	1	1	2	1	3	3	1	3	2
3.	BASIC KNOWLEDGE OF VECTOR AND PROJECTILE		2	1		-	-	1	-	1	-	1	-
4.	CIRCULAR MOTION, ROTATIONAL MOTION AND LEVER	1	-	-		1	-	-	-	1	-	2	-
5.	LAWS OF MOTION	1	2	2		1	1	2	3	2	-	-	1
6.	WORK, ENERGY AND POWER	1	1	1		2	1	1	2	-	1	2	-
7.	GRAVITATION			1	1	-	1	2	2	1	4	-	1
HYDROSTATICS AND HYDRODYNAMICS													
8.	PRESSURE AND ARCHIMEDES		1	3		1	-	-	-	-	1	1	1
9.	BERNOULLI'S THEOREM AND APPLICATION, VISCOSITY		-	-		-	-	-	1	1	-	-	1
PROPERTIES OF MATTER													
10.	CALORIMETRY AND THERMOMETRY	1	2	3	1	2	-	-	-	1	5	2	2
11.	TRANSFER OF HEAT AND THERMAL EXPANSION		2	1	1	1	-	-	3	3	1	1	1
12.	SURFACE TENSION AND ELASTICITY		-	-		-	-	-	2	-	1	-	-
KINETIC THEORY OF GASES AND THERMODYNAMICS													
13.	KINETIC THEORY		-	-	1	-	2	1	-	-	-	-	1
14.	THERMODYNAMICS		1	-		1	2	-	-	-	-	1	-
SOUND AS MECHANICAL WAVE AND ITS SPEED													
15.	SIMPLE HARMONIC MOTION AND ITS APPLICATION		1	2		-	1	3	-	1	1	-	2
16.	WAVE AND ITS SPEED	1	2	1	3	2	-	3	-	-	-	-	1
17.	BEATS AND VIBRATION OF ORGAN PIPE		-	-		-	-	-	-	-	-	-	-
18.	DOPPLER'S EFFECT		-	-		-	-	-	-	-	-	-	-
19.	COULOMB'S LAW, ELECTRIC FIELD AND POTENTIAL	1	-	-	1	-	-	-	-	1	1	1	-
20.	CAPACITANCE, VAN-DEGRAFF GENERATOR		-	-		-	-	-	-	-	-	-	1
21.	GAUSS'S THEOREM AND APPLICATIONS SIMPLE CIRCUIT AND OHM'S LAW		-	-		-	-	-	-	-	-	-	-

S.N.		2019 (I)	2019 (II)	2018 8 (I)	2018 (II)	2017 (I)	2017 (II)	2016 (II)	2016 (I)	2015 (II)	2015 (I)	2014 (II)	2014 (I)
22.	CELL, OHM'S LAW, RESISTIVITY AND CONDUCTIVITY	1	3	1	2	-	1	2	3	2	2	-	1
23.	HOUSEHOLD ELECTRICITY	1	1	1	1	-	-	3	1	-	-	1	2
MAGNETIC EFFECT OF CURRENT, MAGNETISM, EMI AND AC													
24.	MAGNETIC EFFECT OF CURRENT AND MAGNETISM	1	-	2	2	-	1	-	-	2	1	3	-
25.	ELECTROMAGNETIC INDUCTION AND ALTERNATING CURRENT		-	-	-	2	3	-	-	-	-	-	1
RAY OPTICS AND WAVE OPTICS													
26.	REFLECTION AND REFRACTION OF LIGHT	1	1	1	3	4	1	2	3	1	5	1	2
27.	PRISM LENS AND OPTICAL INSTRUMENTS	3	1	2	2	2	3	1	-	1	1	2	2
28.	ELECTROMAGNETIC WAVES AND THEIR PROPERTIES	2	1	1	2	2	-	1	-	2	-	2	-
29.	COMMUNICATION		-	-	-	1	-	-	-	-	-	-	-
MODERN PHYSICS													
30.	ATOM, NUCLEUS AND RADIOACTIVITY	3	1	1	-	1	2	-	1	2	-	-	1
31.	SEMI CONDUCTOR DEVICE		-	-	1	1	-	-	-	1	1	1	-

ENGLISH TREND ANALYSIS

Sr. No.	CHAPTER	2019		2018		2017		2016		2015		2014	
		I	II	I	II	I	II	I	II	I	II	I	II
1.	Spotting Error	10	-	05	05	05	05	10	10	15	09	11	10
	i. Noun		-	-	-	-	01	01	-	-	-	01	-
	ii. Article	02	-	-	01	-	03	-	-	-	02	-	-
	iii. Pronoun		02	-	-	-	-	-	-	-	-	-	01
	iv. Adjective	01	-	01		-	-	-	02	01	-	01	-
	v. Time & Tense	01	04	01	01	-	01	03	02	-	-	-	01
	vi. Verb		-	01	01	-	-	-	01	-	01	01	
	vii. Non-Finite Verbs		-	-	-	-	-	01	02	-	-	-	-
	viii. Conditionals	02	-	-	-	01	-	-	01	02	01	-	-
	ix. Narration		-	-	-	-	-	01	01	-	-	01	-
	x. Voice			-	-	-	-	01	-	01	-	-	-
	xi. Question tag		-	-	-	-	-	-	-	01	01	-	-
	xii. Adverb		-	-	-	01	-	-	-	01	01	01	01
	xiii. Inversion		-	-	-	01	-	02	-	06	01	-	-
	xv. Proposition	04	1	01		01	-	01	-	02	-	03	05
	xvi. Conjunction		1	01	01	01	-	-	-	-	-	01	01
	xvii. Superfluous words		-	-	-	-	-	-	01	-	-	-	-
	xviii. Sub-verb agreement		2	-	01	-	-	-	-	01	02	02	01
2.	Selecting words/close passage		-	-	05	10	10	09	10	06	15	12	10
3.	Synonyms	10	10	10	05	05	10	10	05	04	05	-	10
4.	Antonyms	10	10	10	05	05	10	11	05	04	05	04	10
5.	Idioms/phrases	05	05	05	05	-	-	-	-	-	-	-	-
6.	Reading Comprehension	05	05	10	10	06	-	-	-	-	-	07	-
7.	Ordering of words(PQRS)	03	05	-	05	09	05	-	07	-	06	-	-
8.	Ordering of Sentence (PQRS)	02	-	05	-	-	-	-	-	06	-	-	-
9.	Sentence improvement		-	-	-	10	-	10	13	15	10	12	10
10.	Fill in the blank	05	5	05	10	-	10	-	-	-	-	04	-

HISTORY & POLITY TREND ANALYSIS

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S.N.	Chapter	2019		2018		2017		2016		2015		2014	
		I	II	I	II	I	II	I	II	I	II	I	II
1.	Pre Historical Period	-		-		-	-	-	-	-	-	-	-
2.	Indus Valley Civilization	-		-	1	1	-	-	-	-	1	1	-
3.	Vedic Culture	-	2	-	-	-	-	-	-	-	-	-	-
4.	Second Urbanisation during 6th Century B.C.			-		-	-	-	-	-	-	21	-
5.	Rise of Magadh Empire and foreign invasions on India.			-	-	-	-	-	-	-	-	-	-
6.	Mauryan Empire (321-185B.C.)	-		-	-	1	-	-	1	-	1	1	-
7.	Later Mauryan Period	-		-	-	-	-	1	-	-	-	1	-
8.	Gupta Empire and Late Gupta Period (320-550 D)	-		-	-	-	-	-	-	-	-	-	-
9.	Post Gupta Period (Northern India)	-			2	1	-	-	-	-	-	-	-
10.	Major Rulingdynasties of South India	1		2	-	-	-	-	1	1	-	-	-
11.	Important Historical Facts.	-		-	-	-	-	-	-	-	-	-	-
Medieval History (Part B)													
1.	Arab invasions on India (Sindh)	-		-	-	-	-	-	-	-	-	-	-
2.	Delhi Saltunat : Administration, Society and Culture	-		-	-	2	-	-	1	-	-	1	-
3.	Vijay Nagar and Bahamani Empires	2		1	1	-	-	-	-	1	-	-	-
4.	I-Mughal Empire (1526-1707) II- Later Mughal rulers (1707-1862)	-	1	1	2	-	3	-	-	1	-	1	-
5.	Lofer Mughal rulers and decline of Mughal Empire.	-		-	-	-	-	-	-	1	-	-	-
6.	Rise and growth of Marathas.	-		-	-	-	-	-	-	-	-	-	-
Modern History (Part C)													
1.	Arrival of European trading companies in India.	-		3	-	-	-	-	-	-	1	1	-
2.	Newly Independent states of 18th century	-		-	1	1	-	-	-	-	-	-	-
3.	British land revenue system and its effect on Indianeconomy.	1		-	1	-	1	-	-	1	-	3	1
4.	Social and religious reform movements during 19th century.	1		1	2	1	2	1	1	1	-	-	3
5.	Revolt of 1857	1	1	-	1	1	1	-	1	-	-	-	-
6.	Caste, tribal, Farmer and labour movement	-		-	-	-	-	1	-	-	-	-	-
7.	Educational and news papers growth during British India.	1		1	-	-	-	-	-	-	-	-	-
8.	Indian national congress and its major sessions.	-		1	-	1	-	-	-	-	-	-	-

9.	Freedom struggle of India.	2	5	1	-	5	6	-	2	1	4	1	9
10.	Governor general of India.	1	2	-	-	1	1	1	1	2	-	-	1
11.	Constitutional development of India.	-	-	-	-	-	-	-	-	-	-	-	-
12.	Miscellaneous.	-	-	-	-	-	-	-	-	-	-	-	-
13.	Modern world History.	6	6	1	3	1	-	1	1	-	4	4	3
Indian Constitution and Political System.													
1.	Indian constitution : Sources and drafting process (Internal & Outside)	1	-	1	3	1	-	-	-	-	-	1	-
2.	Preamble	-	-	-	-	-	-	-	-	2	1	1	-
3.	Union and its liminary	-	-	-	-	-	-	-	-	-	-	-	-
4.	Citizenship	-	-	-	-	-	-	-	-	-	-	-	-
5.	Fundamental rights.	-	1	1	-	-	-	-	1	1	1	-	3
6.	Directive Principles of state policy & Fundamental duties.	1	-	1	-	-	-	-	-	-	1	-	-
7.	Union executive	-	1	-	1	1	-	2	1	1	-	1	-
8.	Union legislature	-	1	1	1	-	-	1	3	-	2	2	1
9.	State Administration	-	-	-	-	-	-	-	-	-	-	-	-
10.	Central State relation	-	-	-	-	-	-	-	-	-	-	-	-
11.	Judiciary	-	-	1	-	-	-	-	-	-	-	-	-
12.	Panchayats Municipalities and Cooperatives	-	-	-	-	-	-	-	1	1	1	-	-
13.	Important commissions and committees	-	1	2	1	1	1	-	1	-	-	-	-
14.	Schedules	1	-	-	-	-	-	-	1	-	-	-	-
15.	Major amendment of constitutions.	-	-	1	-	1	-	-	-	-	-	-	-

GEOGRAPHY & ECONOMY TREND ANALYSIS

विश्व का भूगोल

क्रम सं.	अध्याय	2019 (II)	2019 (I)	2018 (II)	2018 (I)	2017 (II)	2017 (I)	2016 (II)	2016 (I)	2015 (II)	2015 (I)	2014 (II)	2014 (I)
1.	भूगोल की परिभाषा												
2.	ब्रह्माण्ड एवं सौरमण्डल	1	1			1							
3.	पृथ्वी और उसका सौर्यिक सम्बन्ध	1							2	3	1	3	1
4.	पृथ्वी की गतियाँ					1							
5.	पृथ्वी की उत्पत्ति एवं आन्तरिक संरचना					1				2		1	1
6.	स्थलमण्डल	5	3		3	2		3	1		2	1	1
7.	जलमण्डल	3	3	4	2	1		1	1			2	
8.	वायुमण्डल	3	5	3	3	2		2		2	2	1	1
9.	विविध	3			1			4	1		1	1	2

भारत का भूगोल

क्रम सं.	अध्याय	2019 (II)	2019 (I)	2018 (II)	2018 (I)	2017 (II)	2017 (I)	2016 (II)	2016 (I)	2015 (II)	2015 (I)	2014 (II)	2014 (I)
1.	भारत की स्थिति		2	1		3	1				1		1
2.	उच्चावच एवं भू-आकृतिक प्रदेश				1			1	7		1		2
3.	भारत की नदियाँ	2	4	3	2	2	1	1	1			2	
4.	भारत की झीलें	1											1
5.	भारत की जलवायु			1		2	2				2	1	2
6.	भारत की मिट्टियाँ							1		2			1
7.	भारत की वनस्पतियाँ				1	2		1	3	2	2		
8.	भारत में वन्य जीव			1	1		1		1	3	1		
9.	भारत में कृषि	1			1		1			1	2		
10.	भारत में सिंचाई								1		1		
11.	भारत में खनिज	1	1			3	4		1	1		1	
12.	भारत के विनिर्माण उद्योग				1		2	1		2	2	1	
13.	परिवहन		1	2	3	1	3			2			-
14.	भारत की मानव प्रजातियाँ/ जनजातियाँ	1					1	-	-	-	-	-	-
15.	भारत की जनसंख्या			2	1		2	3	1	-	-	-	-
16.	विविध		1					-	-	-	-	-	-
17.	भारतीय अर्थव्यवस्था	1		2		1	2	-	2	1	1	1	1

CHEMISTRY & BIOLOGY TREND ANALYSIS

CHEMISTRY

CHAPTER		2019(I)	2019(II)	2018(I)	2018(II)	2017(I)	2017(II)	2016(I)	2016(II)
1.	LAW OF CHEMICAL COMBINATION	1	1	1	1	3	2	4	3
2.	ATOMIC STRUCTURE	2	2	2	2	1	4	2	1
3.	EQUIVALENT WEIGHT	1				1	2	2	2
4.	ACID,BASE & SALT	3	3	3	2	1	5	1	2
5.	PERIODIC TABLE					1	1	-	-
6.	CHEMICAL BONDING	1	1	1	1	3	-	3	3
7.	OXIDUTION & REDUCTION	2	1	1	2	1	3	1	-
8.	CARBON & ITS ALLPTROPES		3	3	2	3	1	1	2
9.	GLASS & CEMENT					1	1	1	2
10.	CHEMISTRY IN EVERY DAY LIFE	3	2	2	2	1	4	6	1

BIOLOGY

CHAPTER		2019(I)	2019(II)	2018(I)	2018(II)	2017(I)	2017(II)	2016(I)	2016(II)
11.	STRUCTURAL DRGANI SATION OF CELL	4	4	4	3	1	2	2	5
12.	BALANCED DIET		2	2	2	3	5	2	1
13.	VASCULAR SYSTEM	2			1	2	2	1	-
14.	ENDOCRINSYSTEM	1	1	1	2		1	-	-
15.	REPRODUCTIVE SYSTEM					1	-	1	-
16.	NERVOUS SYSTEM	1	1	1	1	1	-	-	-
17.	EXCRETORY SYSTEM					1	-	-	-
18.	RESPIRATORY SYSTEM		1	1			1	1	-
19.	SKELETAL SYSTEM						-	-	-
20.	HUMAN DISEAPE	3	1	1	2	1	2	2	3
21	MISECELLANEOUS	1	2	2	2				

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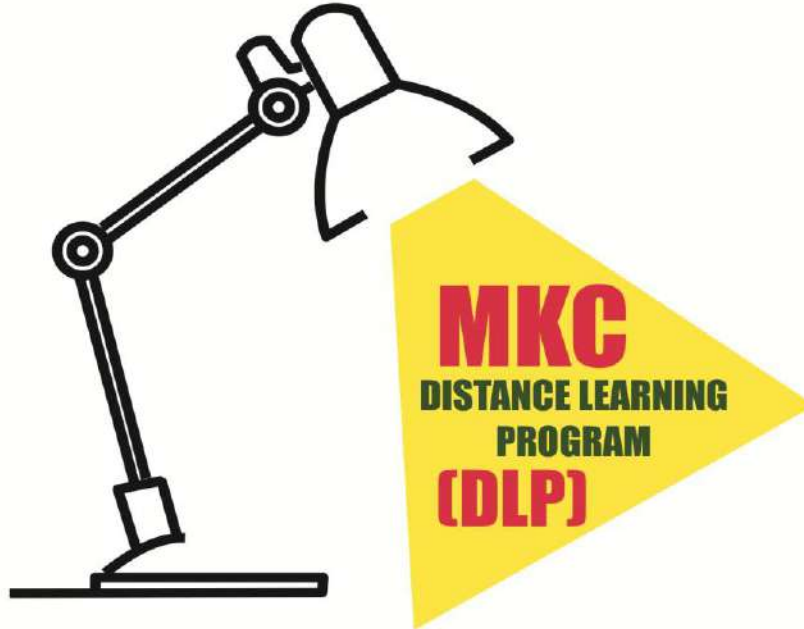
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