hapter name  Chapter Topic/Sub Topic  Term StartDate End Date Pd  ary Numbers  Express decimal numbers in binary system • Express binary numbers in decimal system  Express decimal numbers in binary system • Express binary numbers in decimal system  Term StartDate End Date Pd  Term		В	С	D	Е	F	G
supy Numbers - Express decrinal numbers in briary system - Express briary numbers in decimal system 1 1 7/1/2024 7/6/2024 6 6 8 8 9 1	1			ULUN			
hapter name Chapter Topic/Sub Topic Ferm Start/Date End Date Pd  Tary Number - Express decimal numbers in brainy system - Express brany numbers in decimal system  of Sets  office set as well defined collection of objects - Represent a set in Rester form  underly different spice of sets on the base of numbers of delevents in the set. Differentiable between  appelled an arrayment of delevents in a psic, Cantesian product of two sets, the number of delevents in a  qualified by the control of the con	2	ed-Mathematic	Subject Teacher(Prepared by): KP	8	De	signation: TGT	
Set8 Define set as well-defined collection of detects. Perpresent a set in Rotest Form  defined for the property of the proper	3	hapter name	Chapter Topic/Sub Topic	Term	StartDate	End Date	No o
Sets   Define set as well-different open of each on the basis of number of elements in the set. Differentiate between   778/2024   7/12/2024   5	4					25	
Define set as well-drined collection of objects - Represent a set in Rooter form   Indicately of different types of sets on the basis of number of elements in the set. Differentiate between   778/2024   7712/2024   5	5	nary Numbers	Express decimal numbers in binary system	1	7/1/2024	7/6/2024	6
Relations grain et and equalectere extrubrets authors a vive military any endinger military and extra degrate and extra			Define set as well-defined collection of objects • Represent a set in Roster form				
specific arrangement of elements in a pair Cartesian product of two steet, the number of elements in a specific arrangement of elements in a pair Cartesian product of two sets, the number of elements in a Cartesian product of two sets, the number of elements in a Cartesian product of two sets, the number of elements in a Cartesian product of two sets in the arrange of a relation.  1 7/15/2024 7/26/2024 5  11 Functions function using dependent and independent variable, durant, angue and co-durant of a given function of 1 7/22/2024 7/26/2024 5  12 year tithm and Relate indices and logarithm - final logarithm and entitiogenthm = Common and a given function of a given function of the position of t			TOT THE MARKET THE THE THE THE THE THE THE THE THE T		7/8/2024	7/12/2024	5
Relations specific arrangement of elements in a pair Carteesian product of two sets, the number of elements in a 1 7/15/2024 7/20/2024 5 7					1,0,2021		
Contesian product of two sets, relation as a subset of Cortesian product, domain and range of a relation  1 7/22/2024 7/26/2024 5  yearthm and  2 yearthm and  3 yearthm and  3 yearthm and  3 yearthm and  4 yearthm and  5 yearthm an		Dolotiono		1	7/15/2024	7/20/2024	5
Functions in function using dependent and independent variable, domain, range and co-domain of a given function with a part of the control of		Relations			7710/2024	772072024	-
spainthm and selected and operation and range and representation of function graphically applications on the control of the co		Franklana		1	7/22/2024	7/26/2024	5
anitiogration and networkers and logarithms and activing the service of power number and activing the networkers of power number and population and population of power number and population and power number and population and population and power number number and power number		Functions			1/22/2024	7/20/2024	3
## Projections of rules of incides — Introduction of logarithms and analogarithms Common and Natural logarithms. Javas and proprieties of logarithms — Sterith teleavs and projecties of logarithms — 1 7/29/2024 8/3/2024 Apply laws of logarithm — Sterith eleavs and projecties of logarithms — 1 7/29/2024 8/3/2024 Apply laws of logarithm — Sterith eleavs and projecties of logarithms — 1 8/5/2024 8/3/		agrithm and		-			
Natural logarithm. Laws and properties of logarithms = Entits the laws and properties of logarithms and apply laws of logarithms in discount in the commental laws of logarithms. Simple applications of logarithms and antilogarithm = Use logarithms in different application in relative Application (Control of Properties of						<del>-</del>	
Apply laws of logarithm - Fundamental laws of logarithm, Simple applications of logarithm and artillogarithm - Eucle oparithm and ferent application and artillogarithm - Eve logarithm and ferent application and training and the property of the property o		ntilogantilii	Natural logarithm, Laws and properties of logarithms • Enlist the laws and properties of logarithms	1	7/29/2024	8/3/2024	1
18 grant de la pour par le control de la company de la com	16		Apply laws of logarithm ● Fundamental laws of logarithm, Simple applications of logarithm and				
Bage, Clock Bage,					9/5/2024	8/0/202/	
Index   Selection   Selecti			Determine average for a given data  • Evaluate the angular value of a minute • Calculate the angle formed between two hands of clock	$\vdash$	0/ 3/ 2024	0/9/2024	
### Index   Determine Odd days in a month year century - Decode the day for the given date   ### Odd Dis   Establish the relationship between work and time - Compare the work done by the individual / group   ### Virture - Calculate the time takeny distance covered/ Work done from the given data   ### Sururation   Solve proteins based on saring area and volume of 20 and 30 shapes - Calculate the volume/   ### Sururation   Solve proteins based on saring area grown or more shapes   ### Sururation   Solve proteins based on saring arrangement   ### Sururation   Solve proteins are saring from from a seating part of that a per given conditions (Linearizotular)   ### Sururation   Solve proteins are saring arrangement   ### Sururation   Solve proteins between can discuss   Selentify Arithmetic Progression (AP)   ### Sururation   Solve proteins between can discuss   Selentify Arithmetic Progression (AP)   ### Sururation   Solve proteins the formulae of finding in the term and sum of interms (Selentification of terms of a given G.P.   ### Sururation   Solve proteins remained of finding in the term and sum of interms (Selentification of terms of a given G.P.   ### Solve Surgarian proteins involving cdd man out, syllogism, blood relation and coding decoding   ### Solve Statistic dispersion in a data set, John Solve sportation   ### Suricitive Statistic dispersion in a data set, John Solve sportation   ### Suricitive Statistic dispersion in a data set, Solve area and standard deviation and standard   ### Solve Statistic dispersion in a data set, Choose appropriate measure of dispersion to early separate data set.   ### Solve Statistic dispersion in a data set, Choose appropriate measure of dispersion to a data set, Solven area (Arithmetical Servences and Kurtosis of a frequency   ### distribution by footing the group's term sense and Kurtosis of a frequency   ### Solvenses and Kurtosis using apphical representation of a data set, Solven area and Kurtosis of a frequency   ### Solvenses and Kurtosis using apphical representati	20	lage, Clock					
Selvork and Dise   Establish the relationship between work and time • Compare the work done by the individual / group   writ time - Calculate the time taken distance occented Work done from the given data   1 8/12/2024   8/17/2024   1 8/1			<ul> <li>Determine Odd days in a month/ year/ century ● Decode the day for the given date</li> </ul>				
suration   Solve problems based on surface area and volume of 20 and 3D shapes • Calculate the volume/  jurface area for solid formed using two or more shapes  used surface area for solid formed using two or more shapes  value of a person in a seating arrangement  usence and   Solve problems based on a person in a seating arrangement  value of the product of the position of a person in a seating arrangement  value of the product of the position of a person in a seating arrangement  value of the product of the position of a person in a seating arrangement  value of the product of the position of a person in a seating arrangement  value of the product of the position of a person in a seating arrangement  value of the product of the position of a person in a seating arrangement  value of the product	22	e,Work and Dis		1	0/10/0004	0/17/2024	
Surface area for solid formed using two or more shapes	23	rotion		- 1	8/12/2024	8/1//2024	7
Intignation processes usustable seasiting plant fraft as per given conditions (Linear/circular)  Intignation problems of a progression in a seating arrangement  Lean the position of a person in a seating arrangement  Lean the position of a person in a seating arrangement  Lean department of the progression (AP)  Lean department of the progression of the progression (AP)  Lean department of the progression of the		suration					
tence and but cate the position of a person in a seating arrangement can be seed on a person in a seating arrangement can be seed on a person in a seating arrangement can be seed on a person in a seating arrangement can be seed on a person of the seed of the		ting Arrangeme					
Establish the formulae of finding in therm and sum of interms, Solve application problems based on AP  Find arithmetic mean (AM) of two positive numbers, Q-In the term and sum of interms of a given G-P  Applications of G-Recerretic Mean of two positive integers, Problems based on relation between  AM and GM. Apply appropriate formulaes of AP and GP to solve application  AM and GM. Apply appropriate formulaes of AP and GP to solve application  Solve logical problems involving odd man out, syllogism, blood relation and coding decoding  1 9/2/2024 9/6/2024  32 24 reasoning.  Solve logical problems involving odd man out, syllogism, blood relation and coding decoding  1 9/9/2024 9/6/2024  33 25 24 reasoning.  Solve logical problems involving odd man out, syllogism, blood relation and coding decoding  1 9/9/2024 9/6/2024  34 25 25 25 25 25 25 25 25 25 25 25 25 25	27				0.100.1000.4	0.400.4000.4	
Find antithmetic mean (AM) of two positive numbers, S.P.n.th term and sum of in terms of a given G.P.  Applications of G.P.Geometric Mean of two positive integers, Problems based on relation between  Advant GM. Apply appropriate formulas of AP and GP to solve application  Solve logical problems involving odd man out, syllogism, blood relation and coding decoding  Poly 2024 9/6/2024 9/11/2024 3  Earlies and GM. Apply appropriate formulas of AP and GP to solve application  Solve logical problems involving odd man out, syllogism, blood relation and coding decoding  Poly 2024 9/11/2024 3  Fersion in Advant GM. Apply appropriate formulas of AP and GP to solve application  To provide Statistic dispersion in a data set, Differentiate between range, quartile deviation, mean deviation and standard deviation for ungrouped and deviation, in a data set, Differentiate between range, quartile deviation, mean deviation and standard deviation for ungrouped and grouped data set, Choose appropriate measure of dispersion to calculate spread of data or surpline of Seewness and Kurtosis of a frequency  distribution by plotting the right, coefficient of Seewness and Kurtosis of a frequency  distribution by plotting the right, coefficient of Seewness and Kurtosis of a frequency  distribution by plotting the right, coefficient of Seewness and interpret the results  Percentile rank and Quartile rank, Percentile and Quartile rank of scores in a given data set  Percentile rank and Quartile rank, Percentile and Quartile rank of scores in a given data set  Percentile rank and Quartile rank, Percentile and Guartile rank of scores in a given data set  Percentile rank and Quartile rank, Percentile and Quartile rank of scores in a given data set  Percentile rank and Quartile rank, Percentile and Quartile rank of scores in a given data set  Percentile rank and Quartile rank, Percentile and Quartile rank of scores in a given data set.  Percentile rank and Quartile rank, Percentile and Quartile rank of scores in a given data set.  Percentile rank	28	V-1		_1	8/20/2024	8/23/2024	
Applications of G.P.Geometric Mean of two positive integers, Problems based on relation between  Alford and SM. Apply appropriate formulas of AP and 6P to solve application  Revision  Revision  Revision  Revision  Revision  Revision  Revision  Half yearly Examinations  Property Statistry  deviation, range, quartile deviation, mean deviation and standard deviation and standard deviation, range, quartile deviation, mean deviation and standard deviation for ungrouped and deviation, range, quartile deviation, mean deviation and standard deviation of ungrouped and grouped data set, Choose appropriate measure of dependent of a data set, Skewness and Kurtosis using graphical representation of a data set, Skewness and Kurtosis of a frequency  distribution by plotting the graph, coefficient of Skewness and interpret the results  Percentile rank and Quartile rank, Percentile and Quartile rank of scores in a given data set  At Pearson's coefficient of correlation • Spearman's rank correlation coefficient of correlation or ungrouped and grouped data  Mutations and propertile rank and Quartile rank of scores in a given data set  Mutations and propertile rank and Quartile rank of scores in a given data set  Mutations and propertile rank and Quartile rank of scores in a given data set  Mutations and propertile rank and Quartile rank of scores in a given data set  Mutations and propertile rank and Quartile rank of scores in a given data set  Mutations and propertile rank and Quartile rank of scores in a given data set  Mutations and propertile rank and Quartile rank of scores in a given data set  Mutations and propertile rank and Quartile rank of scores in a given data set  Mutations and propertile rank and Quartile rank of scores in a given data set  Mutations and propertile rank and Quartile rank of scores in a given data set  Mutations and propertile rank and set of correlation of correlation of ungrouped and grouped data		ies		1	8/27/2024	8/30/2024	
AM and GM Apply appropriate formulas of AP and GP to solve application    1 9/2/2024   9/6/2024     34   Revision   1 9/2/2024   9/11/2024   3   35   Half yearly Examinations   1 9/2/2024   9/11/2024   3   36   Revision   1 9/13/2024   9/11/2024   3   36   Half yearly Examinations   1 9/13/2024   9/11/2024   3   37   Complete Statisty despersion in a data set, Differentiate between range, quartile deviation, mean deviation and standard   1 9/2/2024   10/5/20	31						
Revision  Revision of Annual Examination  Revision of Reparation of Standard deviation of underston, mean deviation of underston of underston probability problems based on applications of interest rate, Sim	32						
Half yearly Examinations    19/13/2024   9/27/2024   HY				1			
77 cirpitive Statististi dispersion in a data set, Differentiate between range, quartile deviation, mean deviation and standard III 9/30/2024 10/5							937.6
37 criptive Statistif, dispersion in a data set, Differentiate between range, quartile deviation, mane, quartile deviation, range, quartile deviation of a frequency (10/19/2024 11/19/20	36		That years Examination			.,_,,	1
grouped data set, Choose appropriate measure of dispersion to calculate spread of data  Skewness and Kutosis using graphical representation of a data set, Skewness and Kutosis of a frequency  distribution by plotting the graph, coefficient of Skewness and interpret the results  Percentile rank and Quartile rank, Percentile and Quartile rank of scores in a given data set  Correlation in values of two data sets, Product moment correlation for ungouped and grouped data  Karl Pearson's coefficient of correlation of speamaris rank correlation, coefficient of correlation  Trutations and plangtions  Differentiate between permutation and combination, formula of combinations, or permutation, concept of permutation to solve simple problems, Combinations, or permutation, concept of permutation and combination, formula of combinations or problems  Limits  timuty, Different of change, derivative of the functions, derivative of function instanteous rate  timuty, Different of change, derivative of the functions, derivative of functions  transfer of change, derivative of the functions, derivative of functions  to concept of conditional probability problems based on application of total probability  concept of conditional probability, problems based on Bayes' theorem+ miscellaneous examples  ancial Matthema  ancial Matthema  and real interest rate, Solve Practical applications of interest rate, Simple Interest and Compound Interest  Annual equivalency rate, effective rate of interest, net present value, immediate Annuity  annuity due and Deferred Annuity •Calculate General Annuity, calculate furure value of regular annuity  annuity due and Deferred Annuity •Calculate General Annuity, calculate furure value of regular annuity  annuity due and Deferred Annuity •Calculate General Annuity, calculate furure value of regular annuity  annuity due and Deferred Annuity •Calculate General Annuity, calculate furure value of regular annuity  annuity due Apply the concept of Annuity in real life  direct and indirect tax, GSI, Goods and Serv	37	criptive Statisti		H	9/30/2024	10/5/2024	100
Skewness and Kurtosis using graphical representation of a data set, Skewness and Kurtosis of a frequency   11   10/7/2024   10/19/2024							
distribution by plotting the graph, coefficient of Skawness and interpret the results  Percentile rank and Quartile rank, Percentile and Quartile rank of scores in a given data set  correlation in values of two data sets, Product moment correlation for ungrouped and grouped data  Rarl Pearsor's coefficient of correlation or ungrouped and grouped data  Rarl Pearsor's coefficient of correlation or ungrouped and grouped data  Rarl Pearsor's coefficient of correlation or ungrouped and grouped data  Rarl Pearsor's coefficient of correlation or ungrouped and grouped data  Rarl Pearsor's coefficient of correlation or correlation or correlation or under the correlation or correlation or correlation or correlation or solve simple problems. Correlations or under the correlation of correlation or solve problems  III 11/1/2024 11/16/2024 5  Limit of a function, problems based on the algebra of limits, continuity of a function, instanteous rate  Limit under the correlation of continuity of a function, instanteous rate  Limit under the correlation of continuity of a function, instanteous rate  Limit under the function, problems based on the algebra of limits, continuity of a function, instanteous rate  Limit under the function, problems based on the algebra of limits, continuity of a function, instanteous rate  Limit under the correlation of continuity of a function, instanteous rate  Limit under the correlation of continuity of a function, instanteous rate  Limit under the correlation of continuity of a function, instanteous rate  Limit under the correlation of continuity of a function instanteous rate  Limit under the correlation of continuity of a function instanteous rate  Limit under the correlation of continuity of a function instanteous rate  Limit under the correlation of security under the functions derivative of functions derivative of functions derivative of functions derivative of functions		-		11	10/7/2024	10/19/2024	
Percentile rank and Quartile rank, Percentile and Guartile rank of scores in a given data set correlation in values of two data sets, Product moment correlation for ungrouped and grouped				"			100
Karl Pearson's coefficient of correlation • Spearmaris rank correlation coefficient of correlation	42						
### Authors and hbinations on hinations on hinations of hinations hinations of hinations of hinations hinatio				II	10/21/2024	10/25/2024	
himitations of the properties of the function of combination of combination to solve problems in this problems are sults: Limits to a function, problems based on the algebra of limits, continuity of a function, instanteous rate initiative, Different of change, derivative of the functions, derivative of derivative of functions in the sample space with suitable example, different type of event and their probability abability concept of conditional probability, problems based on application of total probability, problems based on Bayes' theorem; practical problems based on Bayes' theorem; practical problems based on Bayes' theorem; practical probability, problems based on Bayes' theorem; practical probability problems based on Bayes' theorem; practical pro		mutations and		11	11/4/2024	11/8/2024	
11/18/2024   11/22/2024   12/2/2024   12/				<u></u>			5
Pability	47	culus: Limits					
concept of conditional probability, problems based on conditional probability  total probability, problems based on application of total probability,  bayes' theorem, practical problems based on Bayes' theorem+ miscellaneous examples  incial Mathema  concept of Interest Rates, Compare the difference between Nominal Interest Rate, Effective Rate  concept of Interest Rates, Compare the difference between Nominal Interest Rate, Effective Rate  and real interest rate, Solve Practical applications of interest, net present value, immediate Annuity,  Annuity due and Deferred Annuity •Calculate General Annuity, III 12/16/2024 12/21/2024  Annuity due •Apply the concept of Annuity in real life  annuity due •Apply the concept of Annuity in real life  direct and indirect tax, GSI, Goods and Services Tax (SGST) Central Goods and Services Tax (CGST) and  Union territory goods and service tax(UTGST), Bills, tariff rates, fixed charge, surcharge, service charge  calculation of electricity bill,water bill and other supply bills +Revision  1/16/2025 1/24/2025  1/24/2025 1/24/2025  1/24/2025 1/24/2025  1/25/2025 2/27/2025 5  Sion for Annual  Chapterwise Revision for Annual Examination  III 2/3/2025 2/17/2025 2/27/2025 6  mination  iniation  concept of Annual Examination of total probability, and therest and Compound Interest Rate, Effective Rate  III 12/2/2024 12/21/2024  1/21/2024 12/21/2024  1/21/2024 12/21/2024  1/21/2024 12/21/2024  1/21/2024 12/21/2024  1/21/2024 12/21/2024  1/21/2025 1/24/2025  1/24/2025 1/24/2025  1/24/2025 1/24/2025  1/24/2025 1/24/2025  2/27/2025 2/27/2025 5  2/27/2025 2/27/2025 6  2/27/2025 2/27/2025 AE				II	11/25/2024	11/30/2024	6
total probability, problems based on application of total probability,  Bayes' theorem, practical problems based on Bayes' theorem+ miscellaneous examples  III 12/9/2024 12/12/2024 4  3 ancial Mathema  Concept of Interest Rates, Compare the difference between Nominal Interest Rate, Effective Rate and real interest rate, Solve Practical applications of interest rate, Simple Interest and Compound Interest Annual equivalency rate, effective rate of interest, net present value, immediate Annuity, Annuity due and Deferred Annuity • Calculate General Annuity, calculate future value of regular annuity  annuity due • Apply the concept of Annuity in real life direct and indirect tax, GSI, Goods and Services Tax (SGST) Central Goods and Services Tax (CGST) and Union territory goods and service tax(UTGST), Bills, tariff rates, fixed charge, surcharge, service charge  calculation of electricity bill, water bill and other supply bills +Revision  III  rdinate slope and equation of lines in various forms, angle between two lines, perpendicular distance, distance between two lill 1/27/2025 1/31/2025  rmetry equation of a circle, problems on equation of a circle, eccentricity of parabola, equation of parabola+revision Practicals  Sion for Annual Chapterwise Revision for Annual Examination  (K) 2/10/2025 2/17/2025 2/27/2025 6  Area by: KP		bability	ANTHER PROPERTY OF THE PROPERT		12/2/2024	12/7/2024	6
Bayes' theorem, practical problems based on Bayes' theorem+ miscellaneous examples  3 ancial Mathema  54 and real interest Rates, Compare the difference between Nominal Interest Rate, Effective Rate and real interest rate, Solve Practical applications of interest rate, Simple Interest and Compound Interest  55 Annual equivalency rate, effective rate of interest, net present value, immediate Annuity,  56 Annual equivalency rate, effective rate of interest, net present value, immediate Annuity,  57 Annual quivalency rate, effective rate of interest, net present value, immediate Annuity,  58 Annuity due •Apply the concept of Annuity in real life  59 direct and indirect tax, GSI, Goods and Services Tax (SGST) Central Goods and Services Tax (CGST) and  59 Union territory goods and service tax(UTGST), Bills, tariff rates, fixed charge, surcharge, service charge  60 calculation of electricity bill, water bill and other supply bills +Revision  61 calculation of electricity bill, water bill and other supply bills +Revision  62 vidinate slope and equation of lines in various forms, angle between two lines, perpendicular distance, distance between two equation of a circle, problems on equation of a circle, eccentricity of parabola, equation of parabola+revision  63 practicals  64 Practicals  65 Sion for Annual  66 Taination  67 Chapterwise Revision for Annual Examination  68 Dared by: KP							
and real interest rate, Solve Practical applications of interest rate, Simple Interest and Compound Interest  Annual equivalency rate, effective rate of interest, net present value, immediate Annuity,  II 12/16/2024 12/21/2024  Annuity due and Deferred Annuity ◆Calculate General Annuity, calculate future value of regular annuity  annuity due ◆Apply the concept of Annuity in real life  direct and indirect tax, GS1, Goods and Services Tax (SGST) Central Goods and Services Tax (CGST) and  Union territory goods and service tax(UTGST), Bills, tariff rates, fixed charge, surcharge, service charge  calculation of electricity bill,water bill and other supply bills +Revision  II 1/27/2025 1/24/2025  annuity  slope and equation of lines in various forms, angle between two lines, perpendicular distance, distance between two lines and practicals  sion for Annual Chapterwise Revision for Annual Examination    Chapterwise Revision for Annual Examination   Chapterwise Revision for Annual	52			II	12/9/2024	12/12/2024	4
Annual equivalency rate, effective rate of interest, net present value ,immediate Annuity,  Annuity due and Deferred Annuity • Calculate General Annuity, calculate future value of regular annuity  annuity due • Apply the concept of Annuity in real life  direct and indirect tax, GSI, Goods and Services Tax (SGST) Central Goods and Services Tax (CGST) and  Union territory goods and service tax(UTGST), Bills, tariff rates, fixed charge, surcharge, service charge  calculation of electricity bill, water bill and other supply bills +Revision  Ill  rdinate slope and equation of lines in various forms, angle between two lines, perpendicular distance, distance between two lines, perpendicular distance, distance between two lines, perpendic	53				8		
56 , Annuity due and Deferred Annuity • Calculate General Annuity, calculate future value of regular annuity				П	12/16/2024	12/21/2024	6
annuity due ◆Apply the concept of Annuity in real life direct and indirect tax, GS I, Goods and Services Tax (SGST) Central Goods and Services Tax (CGST) and Union territory goods and service tax(UTGST), Bills, tariff rates, fixed charge, surcharge, service charge  Calculation of electricity bill, water bill and other supply bills +Revision  II  Slope and equation of lines in various forms, angle between two lines, perpendicular distance, distance between two lil  Practicals  Sion for Annual Chapterwise Revision for Annual Examination  Chapterwise Revision for Annual Examination  Area  Area  Area  Annual Chapterwise Revision for Annual Examination  Area  Area  Area  Annual Chapterwise Revision for Annual Examination  Area  Area  Area  Area  Area  Annual Chapterwise Revision for Annual Examination  Area  Area  Area  Annual Chapterwise Revision for Annual Examination  Area  Area  Annual Chapterwise Revision for Annual Examination  Area							
Union territory goods and service tax(UTGST), Bills, tariff rates, fixed charge, surcharge, service charge  calculation of electricity bill, water bill and other supply bills +Revision  ll  radinate slope and equation of lines in various forms, angle between two lines, perpendicular distance, distance between two lll 1/27/2025 1/31/2025  metry equation of a circle, problems on equation of a circle, eccentricity of parabola, equation of parabola+revision  Practicals II 2/3/2025 2/7/2025 5  sion for Annual Chapterwise Revision for Annual Examination II 2/10/2025 2/15/2025 6  mination 2/17/2025 2/27/2025 AE  ared by: KP					10/00/0004	10/01/0004	
calculation of electricity bill, water bill and other supply bills +Revision  1/16/2025  1/24/2025  1/27/2025  1/24/2025  1/27/2025  1/24/2025		<u> </u>		II	12/23/2024	12/31/2024	
Solution					1/16/2025	1/24/2025	8
Sope and equation of lines in various forms, angle between two lines, perpendicular distance, distance between two    1/27/2025 1/31/2025	61			II			
Practicals     2/3/2025   2/7/2025   5     5     65   sion for Annual   Chapterwise Revision for Annual   Examination     2/10/2025   2/15/2025   6     66   nination     2/17/2025   2/27/2025   AE   67   68   pared by: KP   68   67   68   68   67   68   68   68				II	1/27/2025	1/31/2025	5
65 sion for Annual Chapterwise Revision for Annual Examination   1 2/10/2025   2/15/2025   6 66 nination   2/17/2025   2/27/2025   AE 67   68 pared by: KP				П	2/3/2025	2/7/2025	5
66 nination 2/17/2025 2/27/2025 AE 67 Sared by: KP		On the second se	AND				
68 pared by: KP	66	nination			2/17/2025	2/27/2025	AE
		parad by: I/D					
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	Class-VI	Sub:- Applied-Mathematics(241)	Time:-45 minutes	
	Class-VI			
2l No			Max.Marks	
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		tions	20	
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		O. H. L Dl	on 2024 2E	
	,			
JSS-XI			Time:-3 hours	
		Marking Scheme		
3l.No.		Chapter/ Topic	Max.Marks	
1	Sets and Rela	ations	13	
2			4	
3			15	
4	Functions		8	
	Seauence and	d Series	15	
	Mathematica	l reasonina	10	
7	Numerical An	pplications	15	
	Total		80	
	Syll	labus Planning for Second Periodic Examin	nation 2024-25	
	Class-XI	Sub:-Applied-Mathematics(241)	Time:-45minutes	
		Marking Scheme		
3l.No.		Chapter/ Topic	Max.Marks	
	Statistics		13	
2	Permutation 6	& Combination	20	
	Total		20	
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ass-XI			Time:-3 hours	
3I.No.		Chapter/ Topic	Max.Marks	
1	Numbers. Out	antification and Numerical Applications	9	
	Algebra		15 6	
		al Reasoning	10	
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	- 1 July 2011 Co. 10 July 10 10 10 10 10 10 10 10 10 10 10 10 10	Nome IVIV		
	Subject Teach	iei Nailie. Kr		
	1 2 3 4 5 6 7 3I.No. 1 2	3 Binary number Sets and relations Total  3 Indices and Later Functions Sequence and Mathematical Numerical Activates  3 Indices and Later Total  Syll Class-XI  3I.No.  1 Statistics Permutation Total  3 Algebra  4 Calculus  5 Probability  6 Descriptive Statistics Probability  7 Basics of Final  8 Coordinate Gradinate Gradina	Sl.No. Chapter/ Topic    Binarv numbers   Sets and relations   Total	

## APPLIED MATHEMATICS (241)

TERM: I & II

## Internal Assessment Max. Marks: 20 Evaluation Criteria

The weightage is as under

Cr.	Area	Assessment Area	Morko
Sr.		Assessment Area	Marks
No.	and		
	Weight		allocat
	age		ed
1	Practic	Performance of	5
	al	practical and record	
	work(1	Year-end test of any	5
	0	one practical	
	marks)	•	
2	Project	Project work and	5
	work(1	record	
	0	Year-end	5
	marks)	Presentation/Viva of	
		the Project	
	1	Total	20

## Term I Practical work(10 marks) LIST OF ACTIVITY/PRACTICAL

1. To find the number of subsets of a given set and verify that if a

set has number of elements, then the total number of subsets is

- 2. To represent set theoretic operations using Venn diagrams.
- 3. To identify a relation and a function.
- 4. To demonstrate that the Arithmetic mean of two different positive numbers is always greater than the geometric mean.
- 5. Graph of linear functions.

## Term II

Project will be allotted to Student so they understand and develop applicability of data from local source to make it more relevant.