S.NO.	NAME	ENROLL.NO.	TOPICS
	BBA-I-A		
	BUSINESS MATHEMATICS(103)		
1	AASHISH JHA	16366	If x, y, z be respectively the pth, qth and rth terms of an A.P., show that : $x(q-r) + y(r-p) + z(p-q) = 0$.
2	ABHAY	25635	Explain all the properties of Arithmetic Progressions along with
3	ADARSH SRIVASTAVA	24062	Show the Representation of Terms in A.P.(three, four & five terms) with examples of each.
4	AKASH SHARMA	17021	Show that the sum of all odd numbers between 2 and 1000 which are divisible by 3 is 83,667 and of those not divisible by 3 is 1,66,332.
5	AKRITI PANDEY	23706	The ratio between the sums of n terms of two arithmetic progressions is (7n+1):(4n+27). Find the ratio of their 11th terms.
6	AKSHAY RANA	7053	Find the 14 arithmetic means which can be inserted between 5 and 8 and show that their sum is 14 times the arithmetic mean between 5 and 8.
7	AKSHITA SIKKA	10580	Explain all the properties of Geometric Progressions along with
8	AMAN KUMAR MISHRA	23674	Show the Representation of Terms in G.P.(three, four & five terms) with examples of each.
9	AMAN RAO	9867	Explain the Fundamental Principle of Counting with examples.
10	AMIT SINGH BISHT	22601	Explain Permutation and Combination with examples. Also explain Restricted & Circular Permutation in detail.
11	AMRIT SHARMA	7836	How many different words can be formed with the letters of the word LOGARITHMS so that: (i) the letter L always occupies the first place, (ii) the letters L and S occupy, respectively, the first and the last place, (iii) the vowels are always together, (iv) the vowels always occupy even places, (v) the letters T, H, M are never together.

12	ANKIT DAFAUTI	15844	A committee of 6 is chosen from 10 men and 7 women so as to contain at least 3 men and 2 women. In how many different ways can this be done if two particular women refuse to serve on the same committee?
13	ANKIT KUMAR	19129	A man has 7 relatives, 4 of them are ladies and 3 gentlemen. His wife has also 7 relatives, 3 of them are ladies and 4 gentlemen. In how many ways can they invite a dinner party of 3 ladies and 3 gentlemen so that there are 3 of man's relative and 3 of wife's relatives?
14	ANKUL SHARMA	21517	Explain the Principle of Mathematical Induction. Using PMI prove that : $1.2+2.2^2+3.2^3+\ldots\ldots+n.2^n=(n-1)2^{n+1}+2$ for all natural numbers n.
15	ANMOL VERMA	11301	Different types of Matrices(with examples).
16	ANSH PORWAL	19248	Properties of Matrix Multiplication along with the examples.
17	ANSHUL	22208	Explain Determinant, Minors & Cofactors with examples.
18	ANUJ	20003	Transpose, Adjoint & Inverse of Matrix.
19	ARCHIT CHAUHAN	6847	Elementary Transformations.
20	ARSH JAIN	20503	Properties of Addition of Matrices(with example of each).
21	ARYAN KHANNA	17260	Row Echelon form of a Matrix & Rank of Matrix.
22	ARYAN SAINI	14177	Matrix Inverse Method.
23	ASHISH SINGH	22803	Cramer's Rule/Determinant Method.
24	AYUSH SHARMA	13880	Gauss-Jordan Elimination Method.
25	AYUSHI JAIN	9482	Properties of Scalar Multiplication(with example of each).
26	BHASKAR SARKAR	23687	The Leontief Input-Output Model.
27	BHAVYA JOSHI	21659	Explain Cost function, Revenue function and Profit function.
28	BHAWANA	13470	Conditions of Maxima and Minima.
29	CHETAN DANGI	17218	Consumers' and Producers' Surplus.

30	DEEPAK BORA	19062	Explain Learning Curve and write its applications.
31	DEEPAK KARAHANA	22795	A box contains 7 red , 6 white and 4 blue balls . How many selection of three balls can be made so that a) none is red and b.) one of each colour
32	DEEPAK YADAV	10838	Explain Integration and method of integration with example.
33	DEEPANSHI SHARMA	25187	By considering the particulars as mentioned, fixed cost 1.5 Lakh, variable cost Rs.150 per unit, selling price Rs. 350 per unit. Find cost function,
34	DEEPANSHU RANA	21427	Differentiabilty and Continuity.
35	DEEPANSHU YADAV	16257	Product and Quotient Rules.
36	DIKSHA	18171	Derivatives of Logarithmic and Exponential Functions.
37	DIKSHA VAID	14011	Implicit Differentiation.
38	DIKSHANT GAHLOT	15647	Successive Differentiation.
39	DIPESH SHOKEEN	14625	Increasing & Decreasing Functions.
40	DISHANT SAINI	8144	First Derivative Test & Second Derivative Test.
41	EKANANSHA SHARMA	14593	Price Elasticity of Demand.
42	GAURAV SINGH	13878	Partial Derivatives (First order & Second Order).
43	GAUTAM KAUL	16070	Homogeneous Functions & Euler's Theorem.
44	GEETANSHU GAUBA	23043	Demand Analysis.
45	HARDIK RUHIL	24907	The Production Function.
46	HARIOM OJHA	21035	The Utility Function.
47	HARSH GROVER	23662	Lagrange Multipliers.
48	HARSH RANA	16303	Definite & Indefinit Integral.
49	HARSH RANA	17550	Integration by Substitution Method.
50	HARSH SAINI	24449	Integration by Parts Method.
51	HARSH SETHI	19089	Integration by Partial Fractions Method.

52	HARSH YADAV	17935	Geometrical Interpretation of Definite Integral.
53	HARSHIT TANEJA	20465	Homogeneous Differential Equations.
54	HARSHVARDHAN KUMAR	17895	Linear Differential Equations.
55	HEMANT	8682	Variance Analysis & its types.
56	HIMANI VERMA	25018	In how many ways can the letters of the word ARRANGE be arranged? If the two R's do not occur together, then how many arrangements can be made? If besides two R's. the two A's also do not occur together, how many permutations will be made?
57	HIMANSHU HASIJA	9928	The letters of the word ZENITH are written in all possible orders and these words are written down as in a dictionary. Find the rank of the word ZENITH.
58	HRITIK GAHLOT	22243	In how many ways can 4 boys and 3 girls be seated in a row so that (i) all the girls sit together (ii) no two girls sit together.
59	ISHAAN SAXENA	6650	Gauss-Jordan Elimination Method.
60	ISHANT VASHISHT	15931	Properties of Scalar Multiplication(with example of each).
61	JAGRATI SHARMA	24846	The Leontief Input-Output Model.
62	JAISH SEHRAWAT	20920	Explain Cost function, Revenue function and Profit function.
63	JATIN SARAS	13164	Conditions of Maxima and Minima.
64	JATIN YADAV	19420	Consumers' and Producers' Surplus.
65	JAYESH THAKUR	15579	Explain Learning Curve and write its applications.
66	JISHNU AGGARWAL	22098	A box contains 7 red , 6 white and 4 blue balls . How many selection of three balls can be made so that a) none is red and b.) one of each colour
67	KADAMBARI MALHOTRA	3309	Explain Integration and method of integration with example.
68	KAMSHA MARY KURUVILLA	14302	By considering the particulars as mentioned, fixed cost 1.5 Lakh, variable cost Rs.150 per unit, selling price Rs. 350 per unit. Find cost function, reveneue function, profit function, break even point.
69	KANIKA BEDI	16094	First Derivative Test & Second Derivative Test.
70	KANISH YADAV	15840	Price Elasticity of Demand.

71	KARTIK KUMAR	22065	Partial Derivatives (First order & Second Order).
72	KARTIK KUMAR KHATANA	16682	Homogeneous Functions & Euler's Theorem.
73	KARTIKA DHINGRA	20883	Demand Analysis.
74	KUNAL	24231	The Production Function.
75	KUNAL MEHTA	24853	The Utility Function.
76	KUSHAGRA UPADHYAY	12965	Lagrange Multipliers.
77	MADHAV RAJ THAKUR	14597	How many different words can be formed with the letters of the word LOGARITHMS so that: (i) the letter L always occupies the first place, (ii) the letters L and S occupy, respectively, the first and the last place, (iii) the vowels are always together, (iv) the vowels always occupy even places, (v) the letters T, H, M are never together.