



Mahatma Gandhi Vidyamandir's
Samajshree Prashantdada Hiray
Arts, Science and Commerce
College, Nampur Tal. Baglan
(Nashik)



Date: 05/01/22

Department of Mathematics

To

The Chairman CDC/ Principal,
SPH ASC College,
Nampur (Nashik)

Sub:- Seeking Permission to start certificate course in "Business Mathematics"

Respected Sir/Madam,

With reference to the subject mentioned above the department of Mathematics is willing to start a New Certificate Course from the Academic Year 2021-2022 at the SPH ASC College, Nampur. This course will bridge the gap between the current syllabus offered to the Mathematics students and their present needs. The Course is entitled as, "Business Mathematics" The structure of the course will be prepared by the department of Mathematics. Now we are seeking your kind permission to start this course.

Thanking you and oblige,


Head of the Dept.

DEPARTMENT OF MATHEMATICS
Arts, Science & Commerce College
Nampur, Tal. Satana (Nashik)





Mahatma Gandhi Vidyamandir's
Samajshree Prashantdada Hiray
Arts, Science and Commerce
College, Nampur Tal. Baglan
(Nashik)



Date: 10/01/22

Permission Letter
DEPARTMENT OF MATHEMATICS

To
The Head,
Department of **Mathematics**,
SPH ASC College Nampur

Sub:- Grant of Permission to start certificate course in "Business Mathematics"

Respected Sir/Madam,

With reference to the subject captioned above, today meeting of CDC is held at the office of Principal SPH ASC College, Nampur. Your request to start certificate course in, "Business Mathematics" is unanimously approved and permission is granted to you to start this course from this academic year. As per your request letter structure of the course is to be prepared by the department of Mathematics.

Regards,


Chairman

CDC SPH ASC College, Nampur





Mahatma Gandhi Vidyamandir's
S.P.H. Arts, Science and Commerce College, Nampur, Dist-Nashik
Department of Mathematics
Value Added Certificate Course in
"Business Mathematics"

About the Programme:

This course provides complete skill to understand basic functions of Mathematics and their use in Business and Finance. After completing the course, student will be able to solve business and finance problems. A particular emphasis is placed on developing the ability to interpret the numerical information that forms the basis of decision-making in business. Most of the examples are drawn from a variety of business applications. It examines aspects of business and marketing with regards to basic statistical analysis. Students will be provided with the theoretical concepts, tools and methods of mathematics as well as the opportunity to work through example problems.

Eligibility:

The Under Graduate students of Mathematics in science stream.

Duration:

Six Weeks

15.01.2022 to 14. 02.2022

Other Details:

1. The course material will be provided by the college library/Department.
2. Number of students admitted for course is 50.
3. Certificates are issued only to successful candidates.
4. Interested candidates can register their names at the Department of Mathematics at the following Programme:




Dr. K. S. Ahire
HEAD
DEPARTMENT OF MATHEMATICS
Arts, Science & Commerce College
Nampur, Tal. Satana (Nashik)



Mahatma Gandhi Vidyamandir's
S.P.H. Arts, Science and Commerce College, Nampur
Dist-Nashik

Department of Mathematics

Subject: Business Mathematics

Academic Year: 2021-22

SYLLABUS

Unit-I: Ratio-Gaining and Sacrificing Ratio, Proportion, Percentage, Commission, Discount and Brokerage.

Unit-II: Simultaneous Equations-Meaning, Characteristic, Types and Calculations, Preparation of Invoice.

Unit-III: Elementary Matrices-Definition and Calculations, Types of Matrices.

Unit-IV: Logarithms and Antilogarithms-Principles and Calculations, Simple and Compound Interest.

Unit-V: Average-Simple, Weighted and Statistical Averages, Arithmetic mean, Harmonic mean, Geometric mean, Profit and Loss.

Reference Books:

1. Business Mathematics by Clendenen, Salzman and Miller, Pearson Education India, 12th Edition.
2. Schaum's Outline of Basic Business Mathematics, Second Edition.





Mahatma Gandhi Vidyamandir's
S.P.H. Arts, Science and Commerce College, Nampur-Nashik

Department of Mathematics

Assessment Procedure of Value Added Certificate Course in Business Mathematics
Year : 2021 – 22

The exam was conducted in the offline mode. The exam was taken for 50 marks. The 10 marks MCQ questions, 5 marks True – False, 10 marks fill in the blanks and 25 marks long answer questions were asked. The criterion for passing was 20/50. 50 students appeared for the exam and all the 41 students passed the test.



Dr. K. S. Ahire

Coordinator of Value Added Certificate Course
(Business Mathematics)

HEAD

DEPARTMENT OF MATHEMATICS
Arts, Science & Commerce College
Nampur, Tal. Satana (Nashik)

Mahatma Gandhi Vidyamandir's
S. P. H. Arts, Sci. & Com. College, Nampur,
Department of Mathematics
Value Added Certificate Course

Time: 2 hrs.

Maxi. Marks: 50

Que-1: Choose the correct answers.

[10 Marks]

- i. The product rule of logarithm is
a) $\log_a(xy) = \log_a x + \log_a y$ b) $\log_a(xy) = \log_a x - \log_a y$
c) $\log_a(xy) = \log(\log_a xy)$ d) none of them
- ii. If $a^x = b$, where $a \neq 0$ or $a \neq 1$ then $x = \log_a b$ is called
a) Logarithm of x to the base a b) Logarithm of x to the base 10 c) Logarithm of a to the base x d) none of them
- iii. The equivalent symbol for the rule $b^x = a$ is
a) $x = \log_a y$ b) $x = \log_b a$ c) $x = \log_a b$ d) none of them
- iv. The simple interest on Rs. 1250 for $2\frac{1}{2}$ years at 12% p.a. is Rs.
a) 375 b) 387 c) 573 d) none of them
- v. The formula for compound interest is
a) $C.I. = A \cdot P$ b) $C.I. = P \cdot A$ c) $C.I. = P \cdot r$ d) none of them
- vi. Simple interest on Rs. 6000 at 7% P.a. for 10 months is Rs.
a) 520 b) 350 c) 503 d) none of them
- vii. Compound interest on Rs. 10000 at 5% P.a. for 4 years months is Rs.
a) 2155 b) 2515 c) 2551 d) none of them
- viii. Formula for profit is
a) selling price - cost price b) cost price - selling price c) selling price $\times$ cost price
d) none of them
- ix. If Cost Price is Rs. 10000 and selling price is Rs. 15000 then the profit is Rs.
a) 10000 b) 50000 c) 8000 d) none of them
- x. If selling price is Rs. 5000 and cost price is Rs. 7000 then the loss is Rs.
a) 2000 b) 5000 c) 500 d) none of them

Que-2: State true or false.

[05 Marks]

- i. A matrix having only one row is called column matrix. [True/ False]
- ii. A matrix having only one column is called column matrix. [True/ False]
- iii. A matrix whose all elements are zero is called a null matrix. [True/ False]
- iv. A matrix which is upper and lower triangular is called a diagonal matrix. [True/ False]
- v. If a and b are two non-zero numbers. The arithmetic mean is $\frac{a+b}{2}$. [True/ False]

Que-3: Fill in the blanks

[10 Marks]

- i. The formula for simple interest is
- ii. The formula for compound interest is
- iii. If the two integers are in Harmonic mean then it can be written as
- iv. The formula for loss is
- v. A diagonal matrix in which all the diagonal elements are equal is called
- vi. The matrix $\begin{bmatrix} 1 & 2 \\ 3 & 4 \end{bmatrix}$ is called
- vii. A student get 490 marks out of 700 then his percentage of marks is
- viii. The fifty percent of 800 is
- ix. The value of $\log^2_{10}$ is
- x. If $\log^*_2 = 4$ then value of $x =$

Que-4: Solve the following

[25 Marks]

- i. A sum of money doubles itself in 10 years. Find the rate of simple interest.
- ii. Find simple interest on Rs. 40,000 for 5 years at 12% p.a.



iv. If $A = \begin{bmatrix} 10 & 3 \\ 2 & 1 \end{bmatrix}$ then find $|A|$.

v. If $A = \begin{bmatrix} 1 & 2 \\ 2 & -1 \end{bmatrix}$, $B = \begin{bmatrix} 3 & 1 \\ -1 & -2 \end{bmatrix}$. Find $A + B$ and $B + A$.

33/50

Mahatma Gandhi Vidyamandir's
S. P. H. Arts, Sci. & Com. College, Nampur.
Department of Mathematics
Value Added Certificate Course

Khejnar Tanuja Dadaji
Time: 2 hrs.

Maxi. Marks: 50

Que-1: Choose the correct answers.

[10 Marks]

- 09
- i. The product rule of logarithm is
✓ a) $\log_a(xy) = \log_a x + \log_a y$ b) $\log_a(xy) = \log_a x - \log_a y$
c) $\log_a(xy) = \log(\log_a xy)$ d) none of them
 - ii. If $a^x = b$, where $a \neq 0$ or $a \neq 1$ then $x = \log_a b$ is called
✓ a) Logarithm of x to the base a b) Logarithm of x to the base 10 c) Logarithm of a to the base x d) none of them
 - iii. The equivalent symbol for the rule $b^x = x$ is
✓ a) $x = \log_a y$ b) $x = \log_b x$ c) $x = \log_x b$ d) none of them
 - iv. The simple interest on Rs. 1250 for $2\frac{1}{2}$ years at 12% p.a. is Rs.
✓ a) 375 b) 357 c) 573 d) none of them
 - v. The formula for compound interest is
✓ a) $C.I. = A.P.$ b) $C.I. = P.A.$ c) $C.I. = P+I$ d) none of them
 - vi. Simple interest on Rs. 6000 at 7% P.A. for 10 months is Rs.
✓ a) 550 b) 350 c) 503 d) none of them
 - vii. Compound interest on Rs. 10000 at 5% P.A. for 4 years months is Rs.
✓ a) 2155 b) 2515 c) 2551 d) none of them
 - viii. Formula for profit is
✓ a) selling price - cost price b) cost price - selling price c) selling price x cost price d) none of them
 - ix. Cost Price is Rs. 10000 and selling price is Rs. 15000 then the profit is Rs.
✓ a) 10000 b) 50000 c) 8000 d) none of them
 - x. Selling price is Rs. 5000 and cost price is Rs. 7000 then the loss is Rs.
✓ a) 2000 b) 5000 c) 500 d) none of them

Que-2: State true or false.

[05 Marks]

- 09
- i. A matrix having only one row is called column matrix. [True/False] ✓
 - ii. A matrix having only one column is called column matrix. [True/False] ✓
 - iii. A matrix whose all elements are zero is called a null matrix. [True/False] ✓
 - iv. A matrix which is upper and lower triangular is called a diagonal matrix. [True/False] ✓
 - v. If a and b are two non-zero numbers. The arithmetic mean is $\frac{a+b}{2}$. [True/False] ✓

[10 Marks]

Que-3: Fill in the blanks

- i. The formula for simple interest is $\frac{P \times r \times t}{100}$ $I = A - P$
- ii. The formula for compound interest is $ab!z$
- iii. If the two integers are in Harmonic mean then it can be written as $\frac{2ab}{a+b}$
- iv. The formula for loss is $\frac{C.O.P. - S.P.}{S.P.} \times 100$
- v. A diagonal matrix in which all the diagonal elements are equal is called scalar matrix
- vi. The matrix $\begin{bmatrix} 1 & 2 \\ 2 & 3 \end{bmatrix}$ is called low matrix
- vii. A student get 490 marks out of 700 then his percentage of marks is 70%
- viii. The fifty percent of 800 is 400
- ix. The value of $\log^2_{10}$ is 0.30102
- x. If $\log^x_2 = 4$ then value of $x = 16$

Que-4: Solve the following

[25 Marks]

- i. A sum of money doubles itself in 10 years. Find the rate of simple interest.

- ii. Find simple interest on Rs. 40,000 for 5 years at 12% p.a.



"Business Mathematics"

(CATALOGUE) Form No. 2 (B)

9

Teacher Name Dr. K. S. Alise Post Assistant Professor
 Std. 11th Div. Value Added course.

Reg. No.	Sr. No.	Name of the Student	Date of Birth	Age	Cast	14/01/2022		16/01/2022		17/01/2022		18/01/2022		19/01/2022	
						1	2	3	4	5	6	7	8	9	10
					class										
	1	Khairnar Tanja Dadaji	F.Y.BSc			Khairnar				Khairnar	Khairnar	Khairnar	Khairnar	Khairnar	Khairnar
	2	Aahire Dhishai Dilip	F.Y.BSc			Aahire				Aahire	Aahire	Aahire	Aahire	Aahire	Aahire
	3	Pawar Kunal Sanjay	F.Y.BSc			Kumar				Kumar	Kumar	Kumar	Kumar	Kumar	Kumar
	4	Jagtap Jayshree Rajendra	S.Y.BSc			Rajay				Rajay	Rajay	Rajay	Rajay	Rajay	Rajay
	5	Bhamre Mohini Sudam	S.Y.BSc			Bhamre				Bhamre	Bhamre	Bhamre	Bhamre	Bhamre	Bhamre
	6	Dhondge Dipali Kiran	S.Y.BSc			Dhondge				Dhondge	Dhondge	Dhondge	Dhondge	Dhondge	Dhondge
	7	Pawar Vrushali Nirutti	S.Y.BSc			Pawar				Pawar	Pawar	Pawar	Pawar	Pawar	Pawar
	8	Shinde Bhavesh Sharad	F.Y.BSc			Shinde				Shinde	Shinde	Shinde	Shinde	Shinde	Shinde
	9	Patalpure Hemant Jaganath	S.Y.BSc			HJP				HJP	HJP	HJP	HJP	HJP	HJP
	10	Pagar Jayant Bhakchandra	S.Y.BSc			Pagar				Pagar	Pagar	Pagar	Pagar	Pagar	Pagar
	11	Kapade chinmay Dipak	S.Y.BSc			CKKap				CKKap	CKKap	CKKap	CKKap	CKKap	CKKap
	12	Desale Aashwini Bandu	S.Y.BSc			ABDes				ABDes	ABDes	ABDes	ABDes	ABDes	ABDes
	13	Pawar Shubhangi Sanjay	S.Y.BSc			SPawar				SPawar	SPawar	SPawar	SPawar	SPawar	SPawar
	14	Landage Nikita Bhaskar	S.Y.BSc			NBLand				NBLand	NBLand	NBLand	NBLand	NBLand	NBLand
	15	Dhondge Pravin Vishwas	S.Y.BSc			PDMond				PDMond	PDMond	PDMond	PDMond	PDMond	PDMond
	16	More Shyam Nirutti	S.Y.BSc			Smore				Smore	Smore	Smore	Smore	Smore	Smore
	17	Kakade Kunal Dadaji	S.Y.BSc			SKKad				SKKad	SKKad	SKKad	SKKad	SKKad	SKKad
	18	Desale Shivam Ravsaheb	S.Y.BSc			MDDes				MDDes	MDDes	MDDes	MDDes	MDDes	MDDes
	19	Kapade Mayur Jagannath	S.Y.BSc			MKKap				MKKap	MKKap	MKKap	MKKap	MKKap	MKKap
	20	Jadhav Nilima Dadaji	S.Y.BSc			NJJ				NJJ	NJJ	NJJ	NJJ	NJJ	NJJ
	21	Thakare Rohan Papat	S.Y.BSc			TRP				TRP	TRP	TRP	TRP	TRP	TRP
	22	Kapadnis Vaishnavi Tukaram	F.Y.BSc			Kapad				Kapad	Kapad	Kapad	Kapad	Kapad	Kapad
	23	Shaha Sauma Harun	F.Y.BSc			SShaha				SShaha	SShaha	SShaha	SShaha	SShaha	SShaha
	24	Deore Sakshi Papatrao	F.Y.BSc			SPDeor				SPDeor	SPDeor	SPDeor	SPDeor	SPDeor	SPDeor
	25	Shaha Muskan Aarif	F.Y.BSc			muskan				muskan	muskan	muskan	muskan	muskan	muskan
	26	Sonawane Pooja Ravindra	F.Y.BSc			SPSonaw				SPSonaw	SPSonaw	SPSonaw	SPSonaw	SPSonaw	SPSonaw
	27	Pagar Aashwini Ramdas	F.Y.BSc			APPag				APPag	APPag	APPag	APPag	APPag	APPag

This Month's Present Day of School

20/01/2022		21/01/2022		22/01/2022		23/01/2022		24/01/2022		25/01/2022		26/01/2022		27/01/2022		28/01/2022		29/01/2022		30/01/2022		Total Present Day	% of Present Day	Remark
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				

(CATALOGUE) Form No. 2 (B)

Teacher Name Dr. K.S. AWT-ze Post Assistant Professor
Id. Div.

[illegible]

07/02	08/02	09/02	10/02	11/02	12/02	13/02	14/02				Total Present Day	% of Presentee &	Remark						
2022	2022	2022	2022	2022	2022	2022	2022												
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Rafshaz	Rafshaz	Rafshaz	Rafshaz	Rafshaz	Rafshaz	Rafshaz									Rafshaz				
Ahize	Ahize	Ahize	Ahize	Ahize	Ahize	Ahize									Ahize				
Karwar	Karwar	Karwar	Karwar	Karwar	Karwar	Karwar									Karwar				
Jaraj	Jaraj	Jaraj	Jaraj	Jaraj	Jaraj	Jaraj									Jaraj				
Bomohini	Bomohini	Bomohini	Bomohini	Bomohini	Bomohini	Bomohini									Bomohini				
Dhandog	Dhandog	Dhandog	Dhandog	Dhandog	Dhandog	Dhandog									Dhandog				
Yes	Yes	Yes	Yes	Yes	Yes	Yes									Yes				
Bshimac	Bshimac	Bshimac	Bshimac	Bshimac	Bshimac	Bshimac									Bshimac				
Putapure	Putapure	Putapure	Putapure	Putapure	Putapure	Putapure									Putapure				
JPulle	JPulle	JPulle	JPulle	JPulle	JPulle	JPulle									JPulle				
DKapac	DKapac	DKapac	DKapac	DKapac	DKapac	DKapac									DKapac				
CKapac	CKapac	CKapac	CKapac	CKapac	CKapac	CKapac									CKapac				
ABDSE	ABDSE	ABDSE	ABDSE	ABDSE	ABDSE	ABDSE									ABDSE				
SBu	SBu	SBu	SBu	SBu	SBu	SBu									SBu				
NBkumax	NBkumax	NBkumax	NBkumax	NBkumax	NBkumax	NBkumax									NBkumax				
Pomomax	Pomomax	Pomomax	Pomomax	Pomomax	Pomomax	Pomomax									Pomomax				
Smore	Smore	Smore	Smore	Smore	Smore	Smore									Smore				
Kumay	Kumay	Kumay	Kumay	Kumay	Kumay	Kumay									Kumay				
DSu	DSu	DSu	DSu	DSu	DSu	DSu									DSu				
mKapac	mKapac	mKapac	mKapac	mKapac	mKapac	mKapac									mKapac				
NDJ	NDJ	NDJ	NDJ	NDJ	NDJ	NDJ									NDJ				
TRP	TRP	TRP	TRP	TRP	TRP	TRP									TRP				
Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi									Vaishnavi				
Sshah	Sshah	Sshah	Sshah	Sshah	Sshah	Sshah									Sshah				
SPDac	SPDac	SPDac	SPDac	SPDac	SPDac	SPDac									SPDac				
Musku	Musku	Musku	Musku	Musku	Musku	Musku									Musku				
Somewar	Somewar	Somewar	Somewar	Somewar	Somewar	Somewar									Somewar				
SPu	SPu	SPu	SPu	SPu	SPu	SPu									SPu				

SUNDAY



(CATALOGUE) Form No. 2 (B)

Teacher Name Dr. K. S. Ahire Post in the matric
 Std. _____ Div. _____

Reg. No.	Sr. No.	Name of the Student	Date of Birth	Age	Cast	15/01/2022		16/01/2022		17/01/2022		18/01/2022		19/01/2022
						1	2	3	4	5	6	7	8	9
	28	Shewlal Tinal Niles	F.Y.B.Sc			K. K. Wad				Shewlal	Shewlal	Shewlal		
	29	Patil Prasad Anil	F.Y.B.Sc			Aarti				Aarti	Aarti	Aarti		
	30	Pagar Kamal Yuvaraj	F.Y.B.Sc			K. Pagar				K. Pagar	K. Pagar	K. Pagar		
	31	Jadhav Kartavya Aadhar	F.Y.B.Sc			K. Jadhav				K. Jadhav	K. Jadhav	K. Jadhav		
	32	Hire Karveri Ekanath	F.Y.B.Sc			HKE				HKE	HKE	HKE		
	33	Sawant Kalyani Shyamkant	F.Y.B.Sc			Sawant				Sawant	Sawant	Sawant		
	34	Sawant Dipali Sharad	F.Y.B.Sc			Sawant				Sawant	Sawant	Sawant		
	35	Sawant Harshada Sunil	F.Y.B.Sc			Sawant				Sawant	Sawant	Sawant		
	36	Vishwambar Sakshi D.	F.Y.B.Sc			SVD				SVD	SVD	SVD		
	37	Nandan Sarvesh Nimba	F.Y.B.Sc			NSN				NSN	NSN	NSN		
	38	Pagar Rohini Jagannath	S.Y.B.Sc			P. Pagar				P. Pagar	P. Pagar	P. Pagar		
	39	Sawant Vaishali Yuvaraj	S.Y.B.Sc			S.S.V.P.				S.S.V.P.	S.S.V.P.	S.S.V.P.		
	40	Pagar Kajal Guresh	S.Y.B.Sc			P.K.S				P.K.S	P.K.S	P.K.S		
	41	Kakade Sakshi Vishwas	S.Y.B.Sc			K.S.V.				K.S.V.	K.S.V.	K.S.V.		
	42	Achire Lalita Arun	S.Y.B.Sc			A.L.A.				A.L.A.	A.L.A.	A.L.A.		
	43	Somvanshi Aakansha V	S.Y.B.Sc			S.A.V.				S.A.V.	S.A.V.	S.A.V.		
	44	Pawar Kalyani Shravan	S.Y.B.Sc			P.K.S				P.K.S	P.K.S	P.K.S		
	45	Khairnar Jayshree Madhav	S.Y.B.Sc			K.J.m				K.J.m	K.J.m	K.J.m		
	46	Jadhav Mayuri Sanjay	S.Y.B.Sc			J.m.S				J.m.S	J.m.S	J.m.S		
	47	Pagar Jayshree Sanjerao	S.Y.B.Sc			P.J.S				P.J.S	P.J.S	P.J.S		
	48	Raiput Kalyani Nandrai	S.Y.B.Sc			R.K.N				R.K.N	R.K.N	R.K.N		
	49	Achire Revati Dadali	S.Y.B.Sc			A.R.D				A.R.D	A.R.D	A.R.D		
	50	Gonawane Sonali Dhanraj	S.Y.B.Sc			S.S.D				S.S.D	S.S.D	S.S.D		

[illegible]

Reg. No.	Sr. No.	Name of the Student	Date of Birth	Age	Cast	01/02		02/02		03/02		04/02		05/02	
						2020		2020		2020		2020		2020	
						1	2	3	4	5	6	7	8	9	10
	28	Shewale Tinal Nilesh FY-BSc				Shewale	Shewale	Shewale	Shewale	Shewale					
	29	Patil Prasad Anil F.Y				Patil	Patil	Patil	Patil	Patil					
	30	Pagar Kamal Yuvraj F.Y				K.Pagar	K.Pagar	K.Pagar	K.Pagar	K.Pagar					
	31	Jadhav Kartanya Aadhar F.Y				K.Jadhav	K.Jadhav	K.Jadhav	K.Jadhav	K.Jadhav					
	32	Hire Kaveri Eknath F.Y				HE	HE	HE	HE	HE					
	33	Sawant Kalyani Shyamkant F.Y				Sawant	Sawant	Sawant	Sawant	Sawant					
	34	Sawant Dipali Sharad F.Y				Sawant	Sawant	Sawant	Sawant	Sawant					
	35	Sawant Harshada Sunil F.Y				Sawant	Sawant	Sawant	Sawant	Sawant					
	36	Vishwambar Sakshi M. F.Y				S.V.	S.V.	S.V.	S.V.	S.V.					
	37	Nandan Sarvesh Nimba F.Y				NSN	NSN	NSN	NSN	NSN					
	38	Pagar Rohini Jagmatth S.Y				R.Pagar	R.Pagar	R.Pagar	R.Pagar	R.Pagar					
	39	Sawant Vaishali Yuvraj S.Y				S.V.Y	S.V.Y	S.V.Y	S.V.Y	S.V.Y					
	40	Pagar Kajal Suresh S.Y				P.K.S	P.K.S	P.K.S	P.K.S	P.K.S					
	41	Kakade Sakshi Vishwas S.Y				K.S.V	K.S.V	K.S.V	K.S.V	K.S.V					
	42	Aahire Lalita Anun S.Y				A.L.A	A.L.A	A.L.A	A.L.A	A.L.A					
	43	Somvanshi Aakansha S.Y				S.S.V	S.S.V	S.S.V	S.S.V	S.S.V					
	44	Pawar Kalyani Shrawan S.Y				P.K.S	P.K.S	P.K.S	P.K.S	P.K.S					
	45	Khairnar Jayshree Madhar S.Y				K.J.M	K.J.M	K.J.M	K.J.M	K.J.M					
	46	Jadhav Mayuri Sanjay S.Y				J.M.S	J.M.S	J.M.S	J.M.S	J.M.S					
	47	Pagar Jayshree Sanjiv S.Y				P.J.S	P.J.S	P.J.S	P.J.S	P.J.S					
	48	Rajput Kalyani Nandani S.Y				R.K.N	R.K.N	R.K.N	R.K.N	R.K.N					
	49	Aahire Pooja Dadaaji S.Y				A.R.D	A.R.D	A.R.D	A.R.D	A.R.D					
	50	Sanawane Sanali Shankar S.Y				S.S.D	S.S.D	S.S.D	S.S.D	S.S.D					

DEPARTMENT OF MATHEMATICS
Arts, Science & Commerce College
Nampur, Tal. Datana (Nasik)

Reg. No.	Sr. No.	Name of the Student	Date of Birth	Result Analysis	
		Value added Certificate course 'Business Mathematics'	Class	Marks	Grade
	1	Khairnar Tanuja Dadaji	FY-BSc	33	A
	2	Aahire Dhiraaj Dilip	FY-BSc	30	A
	3	Pawar Kunal Sanjay	FY-BSc	34	A
	4	Jagtap Jayashree Rajendra	SY-BSc	31	A
	5	Bhamre Mohini Sudam	SY-BSc	34	A
	6	Dhondge Dipali Kiran	SY-BSc	34	A
	7	Pawar Vrushali Nivrutti	SY-BSc	34	A
	8	Shinde Bhavesh Sharad	FY-BSc	05	F
	9	Patalpure Hemant Jagannath	SY-BSc	34	A
	10	Pagar Jayant Bhalchandra	SY-BSc	28	B
	11	Kapade Chinmay Dipak	SY-BSc	30	A
	12	Desale Aashwini Bandu	SY-BSc	32	A
	13	Pawar Shubhangi Sanjay	SY-BSc	30	A
	14	Landage Nikita Bhaskar	SY-BSc	31	A
	15	Dhondge Pravin Vishwakas	SY-BSc	29	B
	16	More Shyam Nivrutti	SY-BSc	30	A
	17	Kakade Kunal Dadaji	SY-BSc	26	B
	18	Desale Shivani Ravsaheb	SY-BSc	29	B
	19	Kapade Mayur Jagannath	SY-BSc	28	B
	20	Jadhav Nilima Dadaji	SY-BSc	33	A
	21	Thakur Rajin Popatlal	SY-BSc	31	A
	22	Kapadnis Vaishnavi Tukaram	FY-BSc	34	A
	23	Shaha Seema Harun	FY-BSc	33	A
	24	Deore Sakshi Popatlal	FY-BSc	32	A
	25	Shaha Muskan Arif	FY-BSc	05	F
	26	Sanatane Pooja Ravindra	FY-BSc	28	B

Reg. No.

Sr. No.

Name of the Student

Date
of
Birth

Value Added

Certificate Course

Result Analysis

			Marks	Grade
28	Shewale Tinal Nilesh F.Y. B.Sc.		34	
29	Patil Prasad Anil F.Y.		28	B
30	Pagar Kamal Yuvraj F.Y.		33	A
31	Jadhav Kartanya Aadhar F.Y.		31	A
32	Hire Kaveri Rknath F.Y.		30	A
33	Sawant Kalyani Shyamkant F.Y.		33	A
34	Sawant Dipali Sharad F.Y.		28	B
35	Sawant Harshada Sunil F.Y.		12	F
36	Vishwakumar Sakshi D. F.Y.		24	B
37	Nandan Sarvesh Nimba F.Y.		26	B
38	Pagar Rohini Jagmatth S.Y.		25	B
39	Sawant Vaishali Yuvraj S.Y.		13	F
40	Pagar Kajal Suresh S.Y.		24	B
41	Kakade Sakshi Vishwas S.Y.		06	F
42	Nahire Lalita Anuraj S.Y.		25	B
43	Somvanshi Aakansha S.Y.		12	F
44	Pawar Kalyani Shrikanth S.Y.		32	A
45	Khairnar Jayshree Madhar S.Y.		07	F
46	Jadhav Mayuri Sanjay S.Y.		30	A
47	Pagar Jayshree Sanjay S.Y.		08	F
48	Ratput Kalyani Nandani S.Y.		28	B
49	Nahire Revati Dadaji S.Y.		29	B
50	Sanawane Sonali Shankar S.Y.		04	F



[Signature]
HEAD

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