





S.P.V.V.S'S G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE COLLEGE, SINDGI – 586 128 (Dist: Vijayapur. Karnataka State)



NAME OF THE COURSE

BUSINESS MATHEMATICS

OFFERED BY

DEPARTMENT OF MATHEMATICS

COURSE CODE

MATHSCC05 22-23

COURSE COORDINATOR

SHM P.M.BAMMANNI HOD, MATHEMATICS

DEPARTMENT OF MATHEMATICS

CERTIFICATE COURSE DETAILS

INSTRUCTIONAL DESIGN

40 HOURS (This course is of forty Hrs duration which is Theory)

ABOUT COLLEGE

G.P.Porwal Arts, Commerce & V.V.Salimath Science College is the first science college in Sindagi Taluk of Vijayapur district which provides education in science stream at U.G. level to the educationally, economically and socially backward students of this Taluk. Since 1988, many students are graduated with B.Sc in Mathematics is one of the optional subject.

IQAC of G.P.Porwal Arts, Commerce & V.V.Salimath Science College, in its meeting decided to introduce few self financed certificate courses from the academic sessions 2022-23. The continuation of these courses will depend on interest and participation of students.

ELIGIBILITY

All students belonging to I semester are eligible to enroll for the course.

Dept. of Mathematics SRAID conmercia VVI Scene United, SINDAGI-586128 Coordinator IOAC

P. PORWAL ARTS, COM &

V. SALIMATH Sc. College.
SINDGI-586128.

Principal,
G. P. Porwal Arts, Comm D.
V. Salimath Sc. College
100129 College Code: 523

SCOPE OF THE COURSE

Business Mathematics is an important subject and knowledge of it enhance a person reasoning and problems solving skill

OBJECTIVES

- * To develop basic understanding regarding Business Mathematics in the students.
- * To introduce Mathematics how to apply in Business.
- * To enhance their skills about mathematics

BENEFITS

- It has everything to do with finances, stock forecasting, insurance risk analysis and even computing the odds and payoffs in games of chance.
- * In business you are required to calculate simple and compound interest.
- In business deal with statistics for forecasting shares and costs of future stock probability to look at how risk is calculated.

COURSE OUTCOMES

This course will enable the students to Translate the real word problems through appropriate mathematical Modeling.

- Explain the concepts and use equations, formulae and mathematical expression and relationship in a variety of context.
- Finding the extreme values of functions.
- · Analyze and demonstrate the mathematical skill require in
- · Mathematically intensive areas in economics and business.

Dept. of Mathematics SRAID conmert & VVS Source Callege, SINDAGI-36028. Coordinator IQAC
P. PORWAL ARTS, COM &
V. SALIMATH Sc. College,
SINDGI-586127.

Principal,
G. P. Porwal Arts, Comm
V V Salimath Sc Colley
386128, College Code: 240

COURSE CONTENT

Chapters. 40 hours

- 1. Percentage
- 2. Average
- 3. Ratio & Proportion
- 4. Partnership
- 5. Profit & Loss
- 6. Time & Work
- 7. Problems on Numbers
- 8. Problems on Ages
- 9. Simple Interest
- 10. Clock
- 11. Data Analysis

BOARD OF STUDIES

1. Prof. D.M.Patil : Principal

2. Smt.P.M.Bammanni : Member

3. Smt .R.M.Honmore : Member

4. Miss M.S.Bommanni : Member

THANK YOU

Dept. of Mathematics (RRAID conmerce & VVS Source Callege, SINDAGI-586128). Coordinator IQAC
P. PORWAL ARTS, COM &
SALIMATH Sc. Collegy
, INDGI-586128,

Principal,
G. P. Porwal Arts, Comm (
V. V. Salimath Sc. College
113128, College Code: 5234





S.P.V.V.S, Sarangamath, Sindgi





G P Porwal Arts, Commerce & V V Salimath Science College, Sindagi - 586 128

IOAC Initiative

Department of Mathematics

Year: 2022-2023

INAUGURAL FUNCTION OF CERTIFICATE COURSE ON "BUSSINESS MATHEMATICS"

Thursday, 13-10-2022 Venue: Digital Room Time: 11:30 am

: Prof.M.L.Paramanand Guest

T.S.P.C.M.Managuli College, sindagi

President: Prof. D. M. Patil

Principal

All are cordially invited

Smt. R M Honamore **Dept. of Mathematics**

Miss. M S Bammanni **Dept. of Mathematics**

Dr. M J Sankpal President, Gymkhana

Smt. S S Muttinpendimath Coordinator, IQAC

Smt. P M Bammanni HOD, Dept. of Mathematics

S.P.V.V.S.S.

G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE COLLEGE SINDGI - 586 128

Affiliated to Rani Channamma University-Belagavi (Karnataka State Dist: Vijayapur) Accredited at B (2.42 CGPA) by NAAC

E-mail:gppprincipal@gmail.com

Web: www.gppvvs.ac.in

Ph: 9611032604

Date:02/09/2022

To,

The Coordinator,

IQAC

Academic Year: 2022-2023

Sub: Request for Permission to conduct Certificate Course

Sir/Madam,

With reference to subject cited above I would like to bring to your kind information that; our Department is going to conduct Certificate Course for B.Sc. I semester students. Kindly permit us the same for the welfare of our students.

> Hoping that the authority will do the needful and oblige Thanking you

Dept. of Mathers RR. Arts Commerce & V.V . Science nilege, SINDAGI 586128.

Co-ordinator IQAC G. P. Porwal Arts, Comm & V. V. Salimath Science College, SINDGLSSS128, DtVijayapur G. P. Porwal Arts, Comm. & V. V. Salimath Sc. College, \$INDGI-586128. College Code: 5234



S.P.V.V.S.S. G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE COLLEGE SINDGI – 586 128

Dist: Vijayapur) Affiliated to Rani Channamma University-Belagavi (Karnataka State Accredited at B (2.42 CGPA) by NAAC

E-mail:gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 9611032604

Date: 25-10-22

Academic Year: 2022-23

To, Head, Department of Mathematics

Sub: Permission to Conduct Certificate Course.

Sir/Madam,

With reference to subject cited above I herewith permit you to conduct Certificate Course for B.Sc. I semester students.

Thanking you,

Place: Sindgi Date: **Q**5-10-22

> Dept. of Mathematics SPRAID Consert - & VV. Lowice

Callege, SINDAGI-336128

Coordinator, IQAC C. P. Porwal Arts, Comm & V. V. Salimath Sc. College SINDGI-586128. College Code: 5234

Principal,
G. P. Porwal Arts, Comm &
V. V. Salimath Sc. College

GPS Map Camera

college, Vidya Nagar, Sindagi,

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S.P.V.V.S.S.

G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE COLLEGE SINDGI – 586 128

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E-mail:gppprincipal@gmail.com Web: www.gppvvs.ac.in Ph: 9611032604

NOTICE

It is hereby informed to all the students of B.Sc 1st semester that Certificate course on "Business Mathematics" will be started in our college. Hence interested students may apply on or before 06-10-2022

Contact:

Prof.R.M.Honamore. Prof.P.M.Bammanni Dept. or Mathematics
SPRAM Comment & V. Joence
College, SINDAGI - 30 28

Coordinator IQAC

G. P. Porwal Arts, Comm & V. V. Salimath Sc. College SINDGI-586128, College Gode: 5234

Principal,
G. P. Porwal Arts, Comm &
V. V. Saliment Sc. College
V. V. Saliment Sc. College
COMPCT School College Code: 5234



Certificate Course on Business Mathematics

G.P.Porwal Arts, Commerce and V.V.Salimath Science collegeis the first Science college in sindagi Taluk of Vijayapur district which provides education in Science stream at U.G. level to educationally, Economically, Socially backward students of this taluk. Since 1985 many students graduated with B.Sc. in Botany, Zoology, Chemistry, Mathematics, Physics and Computer Science.

IQAC of G.P.Porwal Arts, Commerce and V.V.Salimath Science college in its meeting decided to introduce few self finance pilot add-on courses for next three academic sessions from session 2022-23. The continuation of these courses after three year will be depend on interest and participation of students, course outcomes and financial provisions from the Institution.

Objectives of the Course:-

- a) To develop basic understanding regarding Business Mathematics in the
- b) To introduce Mathematics how to apply in Business.
- c) To enhance their skills about mathematics.

Instructional Design:-

This course is of three month duration which includes theory classes.

Course Structure and Examination Scheme:-

Course No	Course Name	Theory Classes	Theory Marks	Total Marks
01	Business Mathematics	40hrs	40	40

Eligibility: All students belongs to First Semester are eligible to enroll for course.

Coordinator IQAC

G. P. Porwal Arts, Comm &

V. V. Salimath Sc. College

SINDGI-586128. College Code: 5234

Dept. of Mathematics S.R.P. Acts, Commerce & V.V.S. Source College, SINDAGI-586123.

S.P.V.V.S.S. G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE COLLEGE SINDGI – 586 128

To

Prof.M.L.Paramanand

Department of Mathematics

C.M.Manguli College

Sindagi

Dear Sir,

Sub: Regarding Appoinment as BOS member

With reference to the above cited subject, feel happy to inform that you have been appointed as BOS Member for Certificate Course introduced by Department of Mathematics topic "BUSSINESS Mathematics" from the academic year 2022-2023.kindly accept the same and do the needfull.

Thanking You

Dept. of Mathematics SHATE Commerce VVI Source College, SINDAGI-586128.

Co-ordinator IQA C.
G. P. Porwal Arts, Comm & V. V. Salima C.
Science College, SINDGI-586128. DtVijayapur

Principal, G. P. Porwal Arts, Comm. & V. V. Salimath Sc. College, SINDGI-586128. College, 1s-5234

S.P.V.V.S.S. G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE COLLEGE SINDGI - 586 128

MEMBERS OF BOARD OF STUDIES

Ser.No	List of BOS Member
1.	Principal D.M.Patil
2	Prof P.M.Bammanni
3	Prof.R.M.Honmore
4	Prof.M.S.Bommanni
5	Prof.M.L.Paramanand Assi Prof C.M.Manguli College Sindagi

Co-ordinator IQAC Dept. of Mathematics

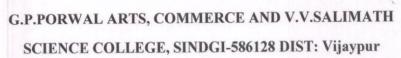
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G. P. Porwal Arts, Comm & V. V. Salimath

Science College, SINDGI-586128. DtVijayapur

Science College, SINDGI-586128. Principal, G. P. Porwal Arts, Comm. & V. V. Salimath Sc. College, SINDGI-586128. College Code: 5734





Affiliated to Rani Channamma University- Belagavi (Karnataka State)

e-mail:gppprincipal@gmail.com Web:www.gppcollegesindgi.org Ph:08488-221244

Department of Mathematics

Syllabus for Business Mathematics

40 hours

Chapters.

- 1. Percentage
- 2. Average
- 3. Ratio & Proportion
- 4. Partnership
- 5. Profit & Loss
- 6. Time & Work
- 7. Problems on Numbers
- 8. Problems on Ages
- 9. Simple Interest
- 10. Clock
- 11. Data Analysis

Dept. of Mathematics SPRAID Commercia VVI Commer College, SINDAGI-586128

Coordinator IOAC G. P. Porwal Arts, Comm & V. V. Salimath Sc. College

SINDGI-586128. College Code: 5234

Principal,
G. P. Porwal Arts, Comm &
V. V. Salimath Sc. College

G.P.PORWAL ARTS, COMMERCE, AND V.V.SALIMATH SCIENCE COLLEGE, SINDAGI-586128

DEPARTMENT OF MATHEMATICS

Certificate Course Application Form

1. Name of the Course: Business Mathematics

2. Year of the Course: 2022-2023

3. Class: B.Sc I semester

General Information of the Candidate

Name of the Student: VidyaShree M Jogur

Sex:

Female

15/07/2004 Date of Birth:

Caste:

Hindu lingayada

150001-Annual Income:

Permanent Address: Am bedkan circle near tanda roda Bhagata Singh circle Devar hippargi. Declaration Dist: vijayaput tas: sindagi

I hereby certify that above information furnished by me is true to the best of my knowledge and belief. I shall regularly attend all theory and practical classes in the college, in case shortage of attendance I may not be permitted to appear for the examination. Further I declare that I shall abide by the rules and regulation of the college and adhere to the discipline.

Signature of the Candidate

ator IOAC val Arts, Comm & Salirnath Sc. College

\$INDGI-586128. College Code: 5234

Dept. of Mathematics PRAID COMMERCE & V.V.S. Science Callege, SINDAGI-586128.

G.P.PORWAL ARTS, COMMERCE, AND V.V.SALIMATH SCIE COLLEGE, SINDAGI-586128

DEPARTMENT OF MATHEMATICS

Certificate Course Application Form

1. Name of the Course: Business Mathematics

2. Year of the Course: 2022-2023

3. Class: B.Sc I semester

General Information of the Candidate Name of the Student: Shi Vancand . J. Guggalil

Sex: Male

Date of Birth: 15 - 6 - 2003

Caste: 2A, Category - 2A (IIA)

Annual Income: 15,000

Annual Income: 15,000

Permanent Address: A/P Bommonahalla, Tg- Jindaga, Ais-Vijayapur
588128

I hereby certify that above information furnished by me is true to the best of my knowledge and belief. I shall regularly attend all theory and practical classes in the college, in case shortage of attendance I may not be permitted to appear for the examination. Further I declare that I shall abide by the rules and regulation of the college and adhere to the discipline.

PRAIL COnment - & V - Lighting

Ladese, SINDAGI 530128.

V. V. Salimath Sc. College SINDGI-586128. College Code: 5234 Principal,

G. P. Porwal Arts, Comm & V. V. Salimath Sc. College SINDGI-586128. College Code: 5234

Department of Mathematics

Certificate course : Business Mathematics

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Dept. or Mathematics 6/P.A.L. Jonmers K. V.S. Bender Unlege, SIVDAGE 130123.

Co-ordinator IQAC
G. P. Porwal Arts, Comm & V. V. Salimath
Science College, SINDGI-586128. Dt Vijayapu

Principal, G. P. Porwal Arts, Comm. & V. V. Salimath Sc. College, SINDGI-586128. College Code: 324

G.P. PORWAL ARTS, COMMERCE & V.V. SALIMATH SCIENCE COLLEGE, SINDAGI

Department of Mathematics

Certificate course : Business Mathematics

SI. No.	StudentName	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
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3	RAMADEVI MANOOR	Buyls	Paul	Bull	tour	Bulls	tous	Paul	Tous	Bul	taun	Paul	Ramp	Thurs.	BULLY	Shirt	touch	POLY	Paul	Day	204/
4	CHAITRA	dui	cha	cheû	choù	checi	Shei	dia	chei	0	Chei	Chai	Magi	Ohei	diei	chou	chai	0	Chai	Shai	1
5	PALLAVI JANGANI	Pade	300	Take	Both	Pole	908	TAR		Pull	THE	BALL	PONT.	PAR	BOOK	PMOL		70AT	THE	PAT	BOW
6	SAHANA BADIGER	288	ere	2918	258	228	488	2813	288	853	2413	888	288	28B	888	898	848	256	228	250	420
7	MEGHA DODENAVAR	Whi	Way.	W	Wy (MO	Woll:	D.A.	Mad.	(MA)	Mob.	and.	Moly	Part	10 Ju	SPI)	Red	MA	AUD -	gol.	100
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9	PRASAD KOTRAGASTI	P	P	D.	P	P	8	P	8	P	P	P	P	8	R	R	A	*	P	P	*
10	ANISA	June	August	Huge .	(Aque	Muse	Mayo	Muse	Am	Alus	Must	Auge	(Arige)	Arien	Gier	April	Aug	Hai	Hayira	Chilie	Lie
11	PAVITRA ANGADI	Such		BER SE	Toole	100	Time!	Mary Mary	WIND STATE	ALL Y	the B	Marks.	No. 8		table	Kunt J	Kath	KIU	Node:	XIII	Xud.
12	SALEEM	1	5	8	8	To	5	5	5	5	5	5	8	8	5	5	-	0	I	5	9
13	SOMAYYA GANGANAHALLI	EV	Er	(SU		(Eh	SIV	(45)	(QT)	9	(FN	(F)	an	6	(Su	(Ex	(Shi	(5)	(5)	(Fr	(gr
14	SUSMITA	galer	Palu	Foll	Fall	Folk	Gold	Colle	Sou	Fals	Gara	8000	Solu	5	Godil	France	Galt	Para	Fales	Fali	Seal
15	KAVERI BIRADAR	16618	吧	E B	EBB	FEB	HE B	#38	2188	BBB	BIBB	ABIS	GBB		MBB	5	REB	488	好B.	HBB	部路
16	ASLAM KORABU	A	A	A	A	A	A	A	A	SA	A	A	A	a	A	A	0	A	A	94	8
17	KALYANKUMAR SHIRUR	Kelyas	ميالط	Kalyo	delie	Lalys	# alya	Kay	- tall		Kalpo	Kelyas	KALINE	Kalps	Kalyp	Kalzur	kely	kds	Help	telyen	Kay
18	PARAMESHWAR	Parse	X Dhe	Phous	Phon	Thou	POW	091	AP/08	四 the	PT 20900	-Rogin	A (Playing	Boul	POHIDO	Davie	1 Dagt	Doeng	Monne	-	
19	SUDARSHAN PUJARI	Stee	30.	38	RPO	坂	IB-	30	50	The	Ser	20-	51_	SP_	38 =	5P	21-	1	20	SP	384
20	KARENNA	Bura	Kur	Kun	Som	Mus	Musik	Bina	Shus	Suy	- 1	Yapans	Corner	Sept.	Hurs	Jany	Koun	Kan	-	Kerry	By
21	VIDYASHREE JOGUR	DM	炒	度	448	Wy -	A STATE	Any	the	(Uty)	WY	W	Wy .	AND .	400	W	A3 (V/9		VIA
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23	MOUNESH BADIGER	Mes	Mes	Não	1 COC	Moce	Mele	Dec	Mee	wee	Mes	nec	Me	Que	(Deli	ale	Week	MO	Marce	Rou	Q
24	BASAVARAJ SWAMI	V3:	The state of	By	Bos	Bi	Rei	Bi	Bi	TS:	TS.		B	NS00	Bi	Bi	Bi		NS	Bi	SB
25	KAVERI ANGADI -	ART .	PA	160	- KORL	BA	YOUR	16A	KON	WAR.	- KOOR	GIR	160	160	- Kara	KA	FLA	KA.	160	ADA	High
26	KEDARALINGAYYA MATHAPA	ATI 60	Foe	Fas	100	(KOOs	(A)	Joes	100	(100 m	10c	(FO)	(C)	pos	100	002	000	100	60 n	D-	a
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28	BHAGYASHREE HALLI	Bu	Qui	Boui	Bu	Bay	Bley	Bace	Deep	Bose	Beer	Books	Bew	(Beei	Buj	Bui	Berin	(Box	Bey	Buy	Ble
29	SHANTAPPAGOUDA PATIL	SUP	SUP	SUP"	SUP	SUP	SGP	SGP	SEP	SEP	SEP	SUP	349	SEP	SEP	SUP	SEP	SGP		Syp	
30	TASMIYA ATTAR	tis	281	100	50	E	Cos	24	En	"Tod	Early	Fall	EJU	Fish	20	Sw	Tou	8	The	Fals	75
31	VITTHAL MANUR	TATA	- M	May	Fau	Har-	Tur	- thy;	WM	WAY,	ton		Mus	Vm	The	stor.	Ma	My	att.	M4-	44
32	SHWETA BIRADAR	Binah	BOOT	Bird	Bired	RECORD	Score	Since	BIN	3000	800		Cono	Lovado	GUNA	Gaso	Lospan	S	/	Book	Bi

SI. No.	StudentName	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
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	DIVYA KOTTALAGI		Bus.	DS	- By	(A)	-Ara	Do	-	8	8	1	200	D-	80	- 800	8	80	-800	Ans-	63
35	KAVERI DODAMANI	000	- as	900	000	00	100	(gus-	05	less	900	60	63	100	4	une	100	100	100	100	(30)
36	LALEMASHAK MUJAWAR	(89)	(60)	(00)	LOST	Cet	CARRY	U	CO	COU	1300	(190	let	CV	COL	(00)	(00)	Coop	000	(R)	62 6
37	BASAMMA	Bus	Bus	Bus		Bug	Bus	83	803	Bus	Bus	Bus		Biz	BLE	Beis	Rus	Bros	Bus	Bus	1954
38	SHIVANANDA GIGGARI	Eusi	Good	600	God	63,9	Graph	Grei	(D)	Car	Gras	Gues	Gu	Cross	C 30	Gus	Gusi	37	(Sea)	ST-3V	Stan
39	PAVITRA CHATTARAKI	B	du	54	Carl-	ST.	-0	gu.	2	3y	- 300	200	- QL	-01	20	1	The same	30	A	*	*
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Co-ordinator IQAC
G. P. Porwal Arts, Comm & V. V. Salimath
Science College, SINDGI-586128. DtVijayapur

Principal, G. P. Porwal Arts, Comm. & V. Y. Salimath Sc. College, SINDGI-586128. College Cc.



G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCECOLLEGE

SINDGI-586128 DIST: VIJAYAPUR

DEPARTEMENT OF MATHEMATICS

: Certificate Course :

(Only for B.Sc First semester)

TIME TABLE

Date	TIME	Name of the faculty
15-10-2022 to 15-01-2023	4 PM to 5 PM	Prof. Ranjana Honamore Prof.P.M.Bammanni

G. P. Porwal Arts, Comm & V. V. Salimath Sc. College SINDGI-586128. College Code: 5234

Dept. of Mathematics SRP Arts, commerce & Vist. Source Callege, SINUAGI-586128

Principal,
G P. Porwal Arts, Comm &

S.P.V.V.S.S. G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE COLLEGE SINDGI – 586 128

DEPARTMENT OF MATHEMATICS CERTIFICATE COURSE 2022-23 BUSINESS MATHEMATICS

S.NO	NAME OF THE STUDENT	CLASS	SIGN
1.	PAVITRA RATHOD	B.Sc I sem	Paritie
2.	ASHWINI NANDAGERI	B.Sc I sem	al
3.	RAMADEVI MANOOR	B.Sc I sem	Pen
4.	CHAITRA	B.Sc I sem	drouten
5.	PALLAVI JANGANI	B.Sc I sem	POST
6.	SAHANA BADIGER	B.Sc I sem	Colors
7.	MEGHA DODENAVAR	B.Sc I sem	Bay:
8.	AMULKUMAR HUGAR	B.Sc I sem	And
9.	PRASAD KOTRAGASTI	B.Sc I sem	Poseda
10	ANISA	B.Sc I sem	Arus-
11	PAVITRA ANGADI	B.Sc I sem	Panto
12	SALEEM	B.Sc I sem	Cleens
13	SOMAYYA GANGANAHALLI	B.Sc I sem	(FL
14	SUSMITA	B.Sc I sem	Busya
15	KAVERI BIRADAR	B.Sc I sem	Komi
16	ASLAM KORABU	B.Sc I sem	Dam
17	KALYANKUMAR SHIRUR	B.Sc I sem	Kalyan
18	PARAMESHWAR	B.Sc I sem	Prigs
19	SUDARSHAN PUJARI	B.Sc I sem	Za
20	KARENNA	B.Sc I sem	Kernel
21	VIDYASHREE JOGUR	B.Sc I sem	- Orni
22	SATISH	B.Sc I sem	Bis.
23	MOUNESH BADIGER	B.Sc I sem	Meier
24	BASAVARAJ SWAMI	B.Sc I sem	Beni
25	KAVERI ANGADI	B.Sc I sem	GAuguell
26	KEDARALINGAYYA MATHAPATI	B.Sc I sem	Blee

27	UDAYAKUMAR PUJARI	B.Sc I sem	1110
28	BHAGYASHREE HALLI	B.Sc I sem	Bago
29	SHANTAPPAGOUDA PATIL	B.Sc I sem	SUP
30	TASMIYA ATTAR	B.Sc I sem	Eties
31	VITTHAL MANUR	B.Sc I sem	-Wayy
32	SHWETA BIRADAR	B.Sc I sem	Biradas
33	AKSHAY S MASALI	B.Sc I sem	Alleno
34	DIVYA KOTTALAGI	B.Sc I sem	Decty
35	KAVERI DODAMANI	B.Sc I sem	Qui
36	LALEMASHAK MUJAWAR	B.Sc I sem	C00000 1
37	BASAMMA	B.Sc I sem	Rus
38	SHIVANANDA GIGGARI	B.Sc I sem	GSSI
39	PAVITRA CHATTARAKI	B.Sc I sem	Per -
40	SOUMYA HITNALLI	B.Sc I sem	Soumes
41	REKHA	B.Sc I sem	ROBE
42	ANNAPURNA SAIBANNI	B.Sc I sem	AR
43	AKSHATA ANDELI	B.Sc I sem	Akedi
44	SUDARSHAN PUJARI	B.Sc I sem	80000
45	ANAND NANDIKOL	B.Sc I sem	THE PROPERTY OF

Dept. of Mathematics
PRATE Commercia VVS Dames
(Pege, SINDAGI - 367.28

Co-ordinator IQAC
G. P. Porwal Arts, Comm & V. V. Salimath
Science College, SINDGI-586128. DtVijayapur

Principal, G. P. Porwal Arts, Comm. & V. V. Salimath Sc. College, SINDGI-586128. College Code: \$250

S.P.V.V.S.S. G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE COLLEGE SINDGI – 586 128

Dist: Vijayapur) Affiliated to Rani Channamma University-Belagavi (Karnataka State Accredited at B (2.42 CGPA) by NAAC

NOTICE

EXAM FOR CERTIFICATE COURSE

It is hereby informed to all the students of B.Sc 1st semester that Certificate course on "Business Mathematics" Exam will be conducted on 23-01-2023 at 1pm to 2.30 pm

Dept. of Mathematics PRAID Confere & VVS Science Undege, SINDAGI-586128. H.O.D

Coordinator IOAC
G. P. Porwal Arts, Comm &
V. V. Salimath Sc. College
SINDGI-586128. College Code: 5234

Principal,
G. P. Porwal Arts, Comm &
V. V. Salimat - Sc. College
SINDGI-586128. College Code: 5234



G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE COLLEGE

SINDGI-586128 DIST: Bijapur

Affiliated to Rani Channamma University- Belagavi (Karnataka State)
e-mail:gppprincipal@gmail.com Web:www.gppcollegesindgi.org Ph:08488-221244

Certificate Cource-2022-23

"Business Mathematics"

(Only for First semester)

Time: 1:30 Min Question Paper 2022-23

Max Marks: 40

2*10=20

Q:1 Answer any ten of the following questions.

- 1. What Percentage is 150 of 210
- 2. Find the Average of first five multiple of 8.
- 3. Find the forth proportional to 4,16& 24.
- 4. Convert 75Km/hr into meters/sec.
- 5. Odd man out in the series 1,4,9,16,23,25,36
- 6. Find the Wroung number in the series 1,1,2,6,24,96,720
- 7. The value of $(1225)^2$ $(1925)^2$ = ------
- 8. Find three numbers in the ratio 2:3:5. The sum of whose squares is 608.
- 9. Odd man out in the series 1,4,9,16,23,25,36
- 10. A & B together can dig a trench in 12 days. Which A alone can dig in 30 days. In how many days B alone can dig it.
- 11. Walking ¾ of his usual speed, a peon is 10 min late to his office. Find his usual time to cover the distance.
- 12. Find if S.I on Rs 3125 at 10% per annum for 85 days.

Q: 2 Answer any four of the following questions.

4*5=20

- 13) 2 chairs & 1 table cost Rs 840, while 1 chair & 2 tables cost Rs 1540. Find the cost of each.
- 14) Find compound interest on Rs 2000 at 9% per annum for 2 year, compound annually.
- 15) Ten year ago 'A' was half of B in age. If the ratio of their present age is 3:4 What will be the total of their present age?
- 16) $1/5^{th}$ of nikil's money is equal to $1/6^{th}$ of yogesh's money. If both together have Rs 1000. The difference between their amount is ?

17) if a sum doubles itself in 25 years at simple interest, what must be rate present per annum?

Coordinator IQAC

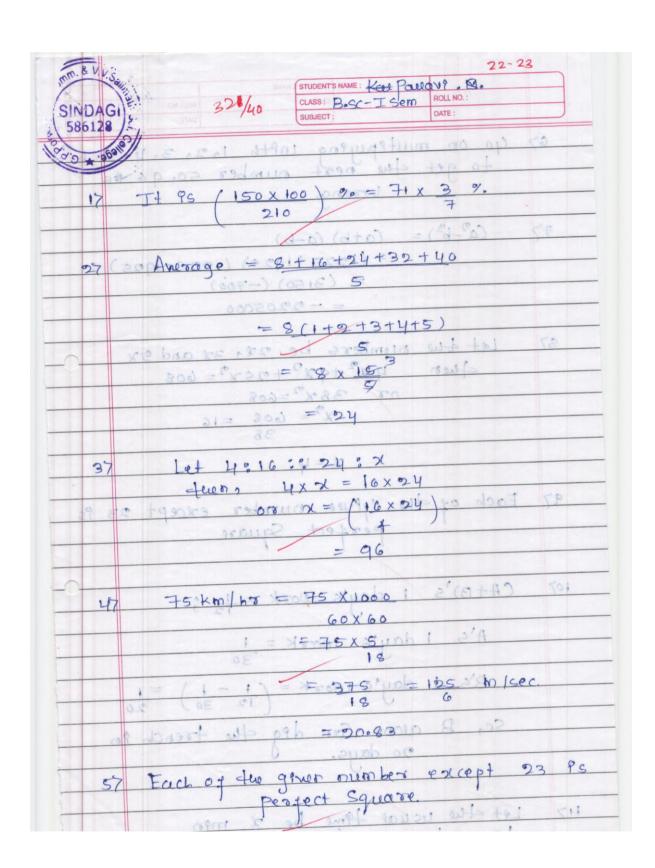
G. P. Porwal Arts, Comm & V. Salimath Sc. College

SINDGI-586128. College Code: 5234

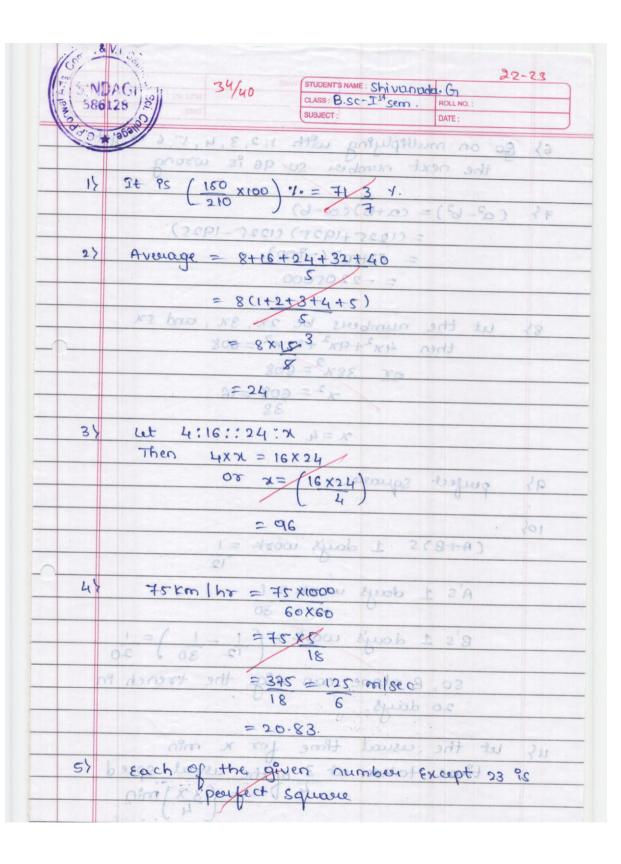
Dept. of Mathematics JERAID Commerce & VVS Course

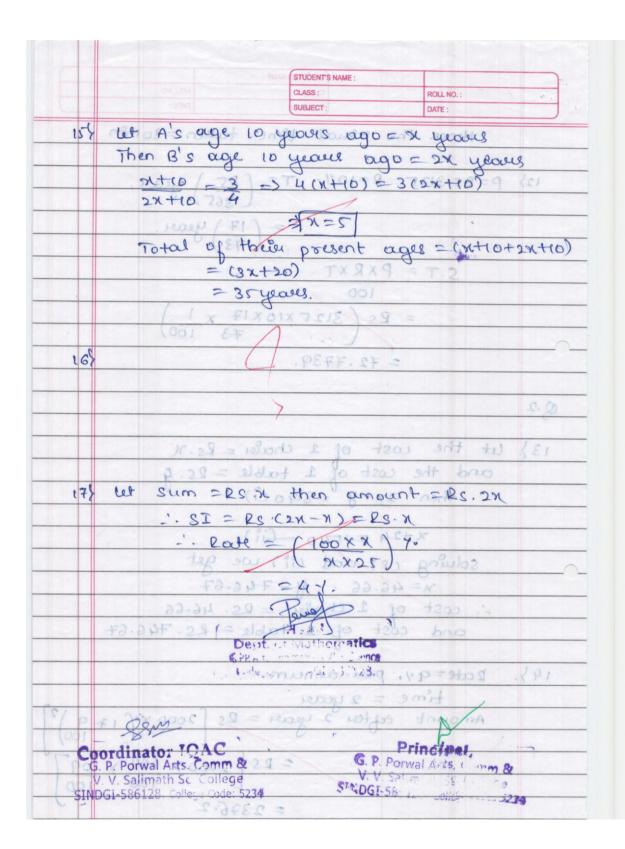
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Principal, G. P. Porwal Arts, Comm &



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SoT = Px Px T 100 = Ps (3125 x 10x 17 dx 1 73 100) = 72.7739 137 led the Cost of 1 chara = Ps 7 and the Cost of 1 thable = Rsy then, 2xty = 840 -> (9) x + 2y = 1540 -> (9) x + 2y = 1540 -> (9) Couvering 29 4287; longet **Ref = 46.66 ** 12 = 746.67 : Cost of 1 chara = Ps. 146.67 147 Pate = 470 per annum fone = 2year Anought after 2 years = Ps [2000 x (1+9)] Anought after 2 years = Ps [2000 x (1+9)]	2.0	100 = 1 11000	a span of ob	A T CO C L
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Couvering 292 42972; loeget 2 = 46.66 x y = 746.67 2 = 46.66 x y = 746.67 3				v
Couvering 292 42972; loeget 2 = 46.66 x y = 746.67 2 = 46.66 x y = 746.67 3		fleon 2xt	4=840-719)=13
Souveng 292 4277; the get 2 = 46.66		~ +	011-15-100-75	79)
R=46.66 14 = 746.67 :. (ost of 1 chagri = Ps. 16.66 and (ost of 1 table = Ps. 746.67 147 Pate = 90 per annum fone = 24ear Amount after 24ears = Ps [2000 x (1+9)]		SOUNP	ng 297 42917;	Loeget
and Cost of 1 table = Rs. 746.67 147 Rate = 9% per anniem fone = 24ear Amount after 24ears = Rs [2000 x (1+9)]			1000	
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- h [0,000 x 109 x 10		Apple at ag	ter 2 years =	RS 2000 X (1+9)
		7		D. [2000 x 109 x 100





S.P.V.V.S.S. G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE COLLEGE SINDGI – 586 128

DEPARTMENT OF MATHEMATICS

CERTIFICATE COURSE 2022-23

BUSINESS MATHEMATICS

S.NO	NAME OF THE STUDENT	MARKS	REMARK
1.	PAVITRA RATHOD	30	PASS
2.	ASHWINI NANDAGERI	32	PASS
3.	RAMADEVI MANOOR	33	PASS
4.	CHAITRA	30	PASS
5.	PALLAVI JANGANI	32	PASS
6.	SAHANA BADIGER	30	PASS
7.	MEGHA DODENAVAR	28	PASS
8.	AMULKUMAR HUGAR	24	PASS
9.	PRASAD KOTRAGASTI	30	PASS
10	ANISA	34	PASS
11	PAVITRA ANGADI	30	PASS
12	SALEEM	29	PASS
13	SOMAYYA GANGANAHALLI	31	PASS
14	SUSMITA	34	PASS
15	KAVERI BIRADAR	32	PASS
16	ASLAM KORABU	30	PASS
17	KALYANKUMAR SHIRUR	34	PASS
18	PARAMESHWAR	30	PASS
19	SUDARSHAN PUJARI	32	PASS
20	KARENNA	30	PASS
21	VIDYASHREE JOGUR	88	PASS
22	SATISH	35	PASS
23	MOUNESH BADIGER	30	PASS
24	BASAVARAJ SWAMI	39	PASS
25	KAVERI ANGADI	28	PASS
26	KEDARALINGAYYA MATHAPATI	29	PASS
27	UDAYAKUMAR PUJARI	30	PASS

28	BHAGYASHREE HALLI	30	PASS
29	SHANTAPPAGOUDA PATIL	32	PASS
30	TASMIYA ATTAR	33	PASS
31	VITTHAL MANUR	34	PASS
32	SHWETA BIRADAR	36	PASS
33	AKSHAY S MASALI	30	PASS
34	DIVYA KOTTALAGI	32	PASS
35	KAVERI DODAMANI	32	PASS
36	LALEMASHAK MUJAWAR	30	PASS
37	BASAMMA	30	PASS
38	SHIVANANDA GIGGARI	34	PASS
39	PAVITRA CHATTARAKI	28	PASS
40	SOUMYA HITNALLI	29	PASS
41	REKHA	30	PASS
42	ANNAPURNA SAIBANNI	28	PASS
43	AKSHATA ANDELI	28	PASS
44	SUDARSHAN PUJARI	28	PASS
45	ANAND NANDIKOL	28	PASS

Dept. of Mathematics
SPRATE Conmerc & VVE Contral
Late, SINDACT - 3 728

Co-ordinator IQAC
G. P. Porwal Arts, Comm & V. V. Salimath
Science College, SINDGI-586128. DtVjjavapur

Principal, G. P. Porwal Arts, Comm. & V. V. Salimath Sc. College, SINDGI-586128. College Code: 5/34

Certificate Course Valedictory Function





SPVVSS



G. P. Porwal Arts, Commerce & V. V. Salimath Science College, SINDGI- 586 128 Dist: Vijayapur

State: Karnataka



(Affiliated to Rani Channamma University, Belagavi)

IQAC Initiative **DEPARTMENT OF MATHEMATICS**

CERTIFICATE

This is to certify that Kumar/ Kumari....

of B.Sc. I Sem has successfully completed Certificate Course on "BUSINESS

MATHEMATICS " during the year 2022-23

Dept. of Mathematics SPRAM Commerca VVS Science Callege, SINDAGE-380128

elm Coordinator IQAC G. P. PORWAL ARTS, COM & V. V. SALIMATH Sc. College, SINDGI-586128.

G. P. Porwal Arts, Comm & V. V. Salimath Sc. College