



S.P.V.V.S'S

**G.P.PORWAL ARTS, COMMERCE &
V.V.SALIMATH SCIENCE COLLEGE, SINDGI
586 128**



BROCHURE



DEPARTMENT OF MATHEMATICS

CERTIFICATE COURSE

2021-22

TITLE

BUSINESS MATHEMATICS

Dep of Mathematics
G.P. Porwal Arts, Comm
V.V. Salimath Sc. College,
SINDGI-586128

Coordinator IQAC
G. P. PORWAL ARTS, COM
V. V. SALIMATH Sc. Coller

Principal,
G. P. Porwal Arts, Comm
V. V. Salimath Sc. Colleg



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

MATHSCC04 21-22

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 2021-22. 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
G.P. Arts, Commerce & V.V. Science
College, SINDAGI-586128


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


Principal
G. P. Porwal Arts, Commerce &
V. V. Salimath Science College
SINDGI-586128, College Code: 5234

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.


Dr. P. K. Sharma
Dept. of Mathematics
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V. V. Salimath Sc. College,
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V. V. Salimath Sc. College,
SINDGI-586128.


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

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 |

THANK YOU


Dept. of Mathematics
P. P. Porwal Arts, Comm & V. V. Salimath Sc. College,
SINDAGI-586128


Coordinator IQAC
G. P. PORWAL ARTS, COMM &
V. V. SALIMATH Sc. College,
SINDAGI-586128.


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



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



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

IQAC Initiative

Department of Mathematics

Year : 2021-2022

**INAUGURAL FUNCTION OF
CERTIFICATE COURSE ON
"BUSSINESS MATHEMATICS"**

Thursday, 08-10-2021 Venue: Digital Room Time: 11:30 am

Guest : **Prof.M.L.Paramanand**

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

Dr.Prakash Rathod
President, Gymkhana

Prof.D.M.Sarashetti
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

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:18/09/2021

To,
The Coordinator,
IQAC

Academic Year: 2021-2022

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


Head of Department
Dept. of Mathematics
G.P.P. Arts, Commerce & V.V. Science
College, SINDGI-586128.


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


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

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Date: 18-09-2021

Academic Year: 2021-22

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: 18-09-2021


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


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


Principal,
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NOTICE

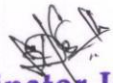
It is hereby informed to all the students of B.Sc 1st semester that Certificate course on “**Business Mathematics**” will be started in our college. Hence interested students may apply on or before 03 -10-2021

Contact:

Prof.R.M.Honamore.

Prof.P.M.Bammanni


H.O.D.
Dept. of Mathematics
G.P.P. Arts, Commerce & V.V. Salimath
College, SINDGI-586128


Coordinator IQAC

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
SINDGI-586128. College Code: 5234

ADD ON CERTIFICATE COURSE IN MATHEMATICS



Certificate Course on Business Mathematics

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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 2021-22. 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:-

- To develop basic understanding regarding Business Mathematics in the students.
- To introduce Mathematics how to apply in Business.
- 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

Principal,

Head
Dept. of Mathematics
G.P. Arts, Commerce & V.V. Salimath
College, SINDAGI-586128

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 Depatment of Mathematics topic " BUSSINESS Mathematics" from the academic year 2021-2022.kindly accept the same and do the needfull .

Thanking You


Head
Dept. of Mathematics
G.P.P. Arts, Commerce & V.V.S. Science
College, SINDGI-586128.

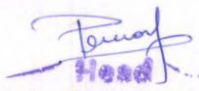

Co-ordinator IQAC
G. P. Porwal Arts, Comm & V. V. Salimath
Science College, SINDGI-586128. Dt:Vijayapur


Principal,
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SINDGI-586128. College Code: 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.L.Paramanand Assi Prof C.M.Manguli College Sindagi
5	


Head
Dept. of Mathematics
G. P. Porwal Arts, Commerce & V. V. Salimath Science
College, SINDGI-586128.


Co-ordinator IQAC
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SPVVS'S

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

SCIENCE COLLEGE, SINDGI-586128 DIST: Vijaypur

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


Coordinator IQAC

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Ph: 08488-221244

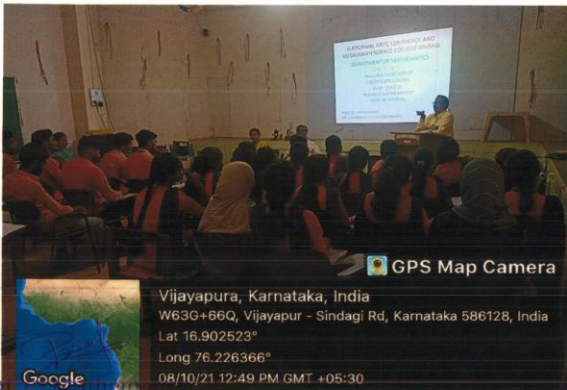
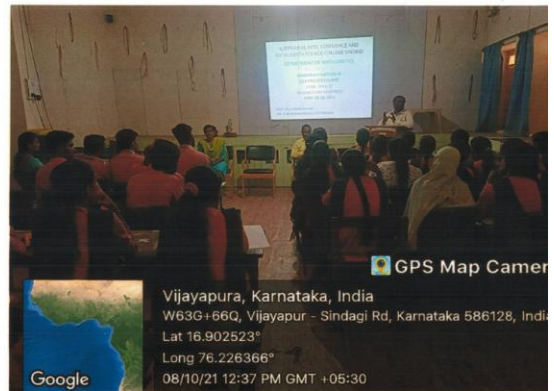
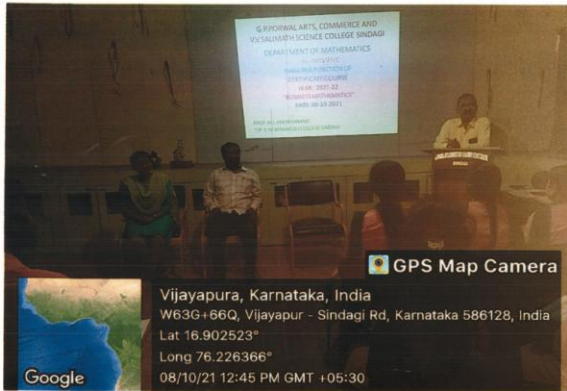

Head

Dept. of Mathematics G. P. Porwal Arts, Comm &
S.P.P.A.C. Comm. & V.V. Salimath Sc. College
College, SINDGI-586128 SINDGI-586128. College Code: 52


Principal,

Inaugural Function

2



Dep
G. P. Porwal Arts, Comm. & V. V. Salimath
Science College, SINDAGI - 586128.

Coordinator
G. P. Porwal Arts, Comm. & V. V. Salimath
Science College, SINDAGI-586128. Dt:Vijayapur

Principal
G. P. Porwal Arts, Comm. & V. V. Salimath Sc. College,
SINDAGI-586128. Cell:9448 9794

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AND BHASKARACHARYA-II PG CENTRE, SINDGI-586128 DIST: Bijapur

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e-mail: gppprincipal@gmail.com

Web: www.gppcollegesindgi.org

Department of Mathematics

APPLICATION FORM



Name of the Course : Business Mathematics

Year of course : 2021-22

Semester : B.Sc I sem

:General information of the Candidate:

Name : Vanishree . B . Mudalagi

Sex : F

DOB : 16 -11 -2002

Caste : Hindu Lingayat

Permanent Address : Near Sarangmath golgeri naka goudar on
Sindgi

:Declaration:

I hereby certify that above information furnished by me is true to the best of my knowledge and belief. I shall regularly attend all the theory classes in the college, in case shortage of the 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

Coordinator IOAC

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

Head
Dept. of Mathematics
G. P. Porwal Arts, Comm & V.V. Salimath Science College

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Web: www.gppcollegesindgi.org

Department of Mathematics

APPLICATION FORM

Name of the Course : Business Mathematics

Year of course : 2021-22

Semester : B.Sc I sem



:General information of the Candidate:

Name : Roopa. patil

Sex : F

DOB : 29-04-2003

Caste : Hindu Lingayat

Permanent Address : Bandan Cross Trends opp. Sindagi
T: Sindagi D: Vijayapur

:Declaration:

I hereby certify that above information furnished by me is true to the best of my knowledge and belief. I shall regularly attend all the theory classes in the college, in case shortage of the 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

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

Principal.

Patil

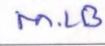
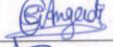
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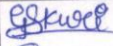
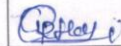
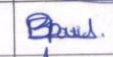
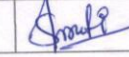
G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE COLLEGE
SINDGI – 586 128

DEPARTMENT OF MATHEMATICS

CERTIFICATE COURSE 2021-22

BUSINESS MATHEMATICS

Sl.No	NAME OF THE STUDENT	CLASS	SIGN
1.	MUBEEN BIRADAR	B.Sc Isem	
2.	LAXMI BIRADAR	B.Sc Isem	
3.	ANKIT BIRADAR	B.Sc Isem	
4.	SOUMYA TAVARAKHED	B.Sc Isem	
5.	VANISHREE MUDALAGI	B.Sc Isem	
6.	RUKMINI BHAGAPPA HAWALAGI	B.Sc Isem	
7.	CHANDRASHEKHAR	B.Sc Isem	
8.	NAVEENKUMAR HIEMATH	B.Sc Isem	
9.	MANJUNATH L BANNATTI	B.Sc Isem	
10.	PAIGAMBAR NADAF	B.Sc Isem	
11.	SRUSHTI ANGADI	B.Sc Isem	
12.	LAXMI KURADI	B.Sc Isem	
13.	BHUVANESHWARI NATIKAR	B.Sc Isem	
14.	ROOPA PATIL	B.Sc Isem	
15.	PALLAVI SHIVANAGI	B.Sc Isem	

16.	ARAVIND RATHOD	B.Sc Isem	
17.	BHAVANA SINGADI	B.Sc Isem	<u>B.Bs</u>
18.	SUSHMITA KUMBAR	B.Sc Isem	
19.	AISHWARYA HUGAR	B.Sc Isem	
20.	BHAGYASHREE ILAGER	B.Sc Isem	
21.	GANGAMMA KURI	B.Sc Isem	
22.	POURNIMA BIRADAR	B.Sc Isem	
23.	ANIL RAVUTAPPA BAPAGOND	B.Sc Isem	
24.	LAXMI NIJAPPA DEVARAMANI	B.Sc Isem	
25.	MEGHA Y PATIL	B.Sc Isem	
26.	SAHANA ASHOK BAJANTRI	B.Sc Isem	
27.	BHAGYASHREE	B.Sc Isem	
28.	BASAYYA STHAVARAMATH	B.Sc Isem	
29.	GURUBAI SOMASHEKHAR PATIL	B.Sc Isem	<u>G.S.P</u>
30.	GOURAMMA RAMA HATTI	B.Sc Isem	
31.	SWAPNA JERATAGI	B.Sc Isem	
32.	VINOD KUMAR MALIPATIL	B.Sc Isem	
33.	MAITRA BINDURAYA BIRADAR	B.Sc Isem	<u>M.B.B</u>
34.	SHIVARAJ	B.Sc Isem	
35.	ABHISHEK B DEGINAL	B.Sc Isem	
36.	HONNESH S DEGINAL	B.Sc Isem	
37.	BHAGYASHREE	B.Sc Isem	
38.	SHRUTI	B.Sc Isem	

39.	SHREEKANT MALLAPPA SALOTAGI	B.Sc Isem	S.M.S.
40.	NIVEDITA BIRADAR	B.Sc Isem	Recher
41.	SUJATA	B.Sc Isem	Sujata
42.	SHEELA YALAWAR	B.Sc Isem	Sheela
43.	GEETA KANTIGOND	B.Sc Isem	Geeta
44.	FAROOQ NADAF	B.Sc Isem	Farooq
45.	HITHAISHI DESAI	B.Sc Isem	Hithaishi
46.	LAKKAMMA	B.Sc Isem	Lakamma
47.	NETRA	B.Sc Isem	Netra
48.	SHOBHA SHREESHAIL BIRADAR	B.Sc Isem	Shobha
49.	JYOTI MOTE	B.Sc Isem	Jyoti
50.	PRIYANK BIRADAR	B.Sc Isem	P.S.B
51.	BHAGYASHREE BIRADAR	B.Sc Isem	B.B.B
52.	BHAGYASHREE	B.Sc Isem	Bhagyashree
53.	LAXMI S DAGGA	B.Sc Isem	Laxmi
54.	SHIVALEELA ALAGUNDAGI	B.Sc Isem	Shivaleela
55.	BHAGYASHREE	B.Sc Isem	Bhagyashree
56.	ASHWINI NAGAVI	B.Sc Isem	A.N.B
57.	KAVYANJALI B BIRADAR	B.Sc Isem	K.B.B
58.	SHANTAVEER KHEDAKAR	B.Sc Isem	Shantaveer
59.	KEERTI BHIMARAY KAMBALE	B.Sc Isem	K.B. Kambale
60.	PAVITRA CHIDANAND YARAGAL	B.Sc Isem	Pavitra
61.	SUMITRA PARAMANNA GOUNDI	B.Sc Isem	Sumitra

62.	GEETA CHOUDRI	B.Sc Isem	Geeta.
63.	CHAITRA	B.Sc Isem	Chaitra
64.	MUSKAN	B.Sc Isem	Muskan
65.	VANITA	B.Sc Isem	Vanita
66.	ANUPAMA KAKKALAMELI	B.Sc Isem	Ana
67.	SHARANABASU M SAGAR	B.Sc Isem	S.M.S
68.	SHANTA MATH	B.Sc Isem	Shanta
69.	VISHWANATH PADASHETTI	B.Sc Isem	Vishwanath
70.	REKHA	B.Sc Isem	Rekha
71.	KULASUMABEGUM HANCHALI	B.Sc Isem	Kulasumabegum
72.	AKASH	B.Sc Isem	Akash
73.	PRIYANKA DHARIKAR	B.Sc Isem	Priyanka
74.	BHAGIRATHI DESUNAGI	B.Sc Isem	B.B.D
75.	SATISH ALAMEL	B.Sc Isem	Satish
76.	TASMIYA RAFAEK MAKANDAR	B.Sc Isem	T.R.M
77.	PRAJWAL SHREESHAIL BADIGER	B.Sc Isem	Prajwal


 Dept. of Mathematics
 G. P. Porwal Arts, Comm & V. V. Salimath
 College, SINDGI-586128, DeVilayapur

Co-ordinator IQAC


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

HIVARAJ	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
BHISHEK	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
IONNESH	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
HAGYASHREE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
HRUTI	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
HREKANT MALLAPPA	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
IVEDITA BIRADAR	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
UJATA	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
HEELA YALAWAR	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
TEETA KANTIGOND	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
AROQQ NADAF	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
HITHAISHI DESAI	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
AKKAMMA	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
JETRA	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
HOBHA SHREESHAIL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
YOTI MOTE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
RIYANK BIRADAR	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
HAGYASHREE BIRADAR	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
HAGYASHREE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
AXMI S DAGGA	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
HIVAILEELA	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
HAGYASHREE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
ISHWINI NAGAVI	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
AVANYALI	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
HANTAVEER KHEDAKAR	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
GEERTI BHIMARAY	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
AVITRA CHIDANAND	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
UMITRA PARAMANNA	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
TEETA CHOUDRI	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
HAITRA	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
MUSKAN	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
/ANITA	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
ANUPAMA KAKKALAMELI	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
JHARANABASU	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
JHANTA MATH	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
/ISHWANATH	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
REKHA	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
ULASUMBEGUM	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z

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

Department of Mathematics

Certificate course : Business Mathematics

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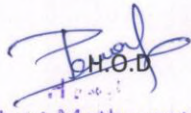
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S.P.V.V.S.S.
G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE COLLEGE
SINDGI – 586 128
Dist: Vijayapur) Affiliated to Rani Channamma University-Belagavi (Karnataka State
Accredited at B (2.42 CGPA) by NAAC

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 31-01-2022 at 1pm to 2.30 pm


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


Dept. of Mathematics
G.P.Porwal Arts, Comm & V.V. Salimath Sc. College,
SINDGI-586128.


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

SPVVS'S
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 Course-2021-22

"Business Mathematics"

(Only for First semester)

Time : 1:30 Min

Question Paper 2021-2022

Max Marks : 40

Q : 1 Answer any ten of the following questions.

2*10=20

1. What Percentage is 90 of 150
2. Find the Average of first five multiple of 9.
3. Find the forth proportional to 5,10 & 15.
4. Convert 95Km/hr into meters/sec.
5. Odd man out in the series 1,2,6,15,31,56,91
6. Find the Wroung number in the series 6,13,18,25,30,37,40
7. The value of $(1825)^2 - (1396)^2 = \text{-----}$
8. Find three numbers in the ratio 2:3:5. The sum of whose squares is 608.
9. Odd man out in the series 19,28,39,52,67,84,102
10. A & B together can dig a trench in 8 days. Which A alone can dig in 30 days. In how many days B alone can dig it.
11. Walking $\frac{3}{4}$ of his usual speed, a peon is 15 min late to his office. Find his usual time to cover the distance.
12. Find if S.I on Rs 2025 at 15% per annum for 60 days.

Q: 2 Answer any four of the following questions.

4*5=20

- 13) 2 chairs & 1 table cost Rs 740, while 1 chair & 2 tables cost Rs 980. Find the cost of each.
- 14) Find compound interest on Rs 4000 at 8% 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 1:2 What will be the total of their present age?
- 16) $\frac{1}{3}$ th of nikil's money is equal to $\frac{1}{6}$ th of yogesh's money. If both together have Rs 900. The difference between their amount is ?
- 17) If a sum doubles itself in 8 years at simple interest, what must be rate present per annum?


Coordinator IQAC


Principal,
G.P.Porwal Arts, Commerce & V.V.Salimath Science College


Head
Dept. of Mathematics
G.P.P. Arts, Commerce & V.V.S. Science
College, SINDGI-586128



shivellada 21/22

STUDENT'S NAME: Shivellada Shivellada	ROLL NO.:
CLASS: Bsc 1st Sem	DATE:
SUBJECT:	

37/40

1) If $\frac{90 \times 100}{150} \% = 60\%$

2) Average $\frac{9 + 18 + 27 + 36 + 45}{5} = 27$

$\frac{a \times 15}{5}$

3) Let $5:10 :: 15:x$
then $5x = 10 \times 15$
 $x = \frac{10 \times 15}{5} = 30$

4) $95 \text{ km/hr} = \frac{95 \times 1000}{60 \times 60}$
 $= \frac{95 \times 5}{18}$

$\frac{475}{18} \text{ m/s}$
 $= 26.38 \text{ m/s}$

5) Add $1^2, 2^2, 3^2, 4^2, 5^2, 6^2$

So, 90 is wrong

6) The difference between two successive terms

STUDENT'S NAME :

CLASS :

SUBJECT :

ROLL NO. :

DATE :

$$S.I = 49.931$$

13) Let the cost of 1 chair = Rs. 2
 & the cost of 1 table = Rs. 4

$$\text{Then } 2x + 4 = 740 \quad \text{--- (i)}$$

$$2x + 24 = 980 \quad \text{--- (ii)}$$

Solving (i) & (ii) we get $x = 166.66$
 $y = 406.67$

$\therefore$ Cost of 1 chair = 166.66
 & Cost of 1 table = 406.67

$$\begin{aligned} \text{14) Amount after 2 years} &= P_2 \left[4000 \times \left(1 + \frac{r}{100}\right)^2 \right] \\ &= P_2 \left[4000 \times \frac{23}{25} \times \frac{23}{25} \right] \end{aligned}$$

$$= 4665.6$$

$$\therefore \text{compound interest} = P_2 (4665.6 - 4000) = 665.6$$

15) Let A's age 10 years ago = 2 years
 Then B's age 10 years ago = 22 years

$$\frac{2+10}{2+10} = \frac{1}{2} \quad \Rightarrow \quad 2(2+10) = 2(10) \quad \Rightarrow \quad 22$$

total of their present ages is
 $= (2+10 + 22+10)$
 $= (32+20)$
 $= 52 \text{ years}$



31/40

21/22

STUDENT'S NAME: <u>Nitara</u>	Roll No. <u>Shiroor</u>
CLASS: <u>BSc 1st Sem</u>	ROLL NO.:
SUBJECT:	DATE:

1 It is $\left(\frac{90 \times 100}{150} \right) \% = 60\%$

$60 \times 100 (1 + 0) = 60 - 50$
 $(2881 - 261) \times (2881 + 261) =$
 $(651) \times (1558) =$

2 Average = $\frac{9 + 18 + 27 + 36 + 45}{5}$

$= \frac{135}{5} = 27$

$27 = \frac{9 \times 15}{5} = 27$

$27 = \frac{9 \times 15}{5} = 27$

$H = 5$

or $27 = \frac{9 \times 15}{5} = 27$

3P. 3.5 (2424) or 5:10:15 or 21

Then $5 \times 20 = 10 \times 15$

$2 = \frac{10 \times 15}{5}$

$1/2 = \text{Area} \times 2(8+A)$ or

$0.2/2 = \text{Area} = 30 \text{ ab} \times 2'A$

$35 = \left(\frac{1}{2} \times 1 \right) = \text{Area} \times 2'S$

4 $95 \text{ km/hr} = \frac{95 \times 1000}{60 \times 60}$

$24.2 = 0.51 =$

45

$95 \times 5 = 475$

475 m/s

$= 475 \text{ m/s}$

18 m/s

26.38 m/s

$= 26.38 \text{ m/s}$

$2 \times 2 = 4 \text{ or } 2 \times 2 = 4$

STUDENT'S NAME :		ROLL NO. :
CLASS :	DATE :	
SUBJECT :		

$$12 \times P = 2025 \quad R = 15\% \quad T = \left(\frac{66}{365}\right) \text{ year} \times 10$$

$$= \left(\frac{12}{73}\right) \text{ year}$$

$$S.I = \frac{P \times R \times T}{100}$$

$$= \text{Rs} \left(2025 \times 15 \times \frac{12}{73} \times \frac{1}{100} \right)$$

$$S.I = 49.931$$

Q.2

13

Let the cost of 1 chair = Rs x

and the cost of 1 table = Rs y

$$\text{Then } 2x + y = 740 \quad \text{--- (i)}$$

$$x + 2y = 980 \quad \text{--- (ii)}$$

Solving (i) and (ii) we get $x = 166.66$

$$y = 406.67$$

Cost of 1 chair = 166.66

Cost of 1 table = 406.67

$$14 \quad \text{Amount after 2 years} = \text{Rs} \left[4000 \times \left(1 + \frac{8}{100} \right)^2 \right]$$

$$= \text{Rs} \left[4000 \times \frac{27}{25} \times \frac{27}{25} \right]$$

$$= \text{Rs. } 4665.6$$

$$\therefore \text{Compound interest} = \text{Rs} (4665.6 - 4000)$$

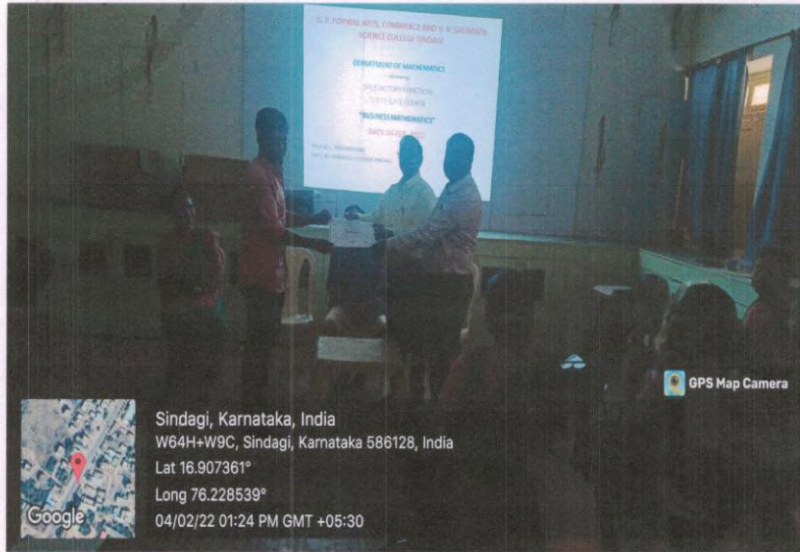
$$= 665.6$$

15 Let A's age 10 years ago = x years

Then B's age 10 years ago = 2x years

$$x + 10 = 1 \Rightarrow 2(x + 10) = 1(2x + 10)$$

CERTIFICATE COURSE VALEDICTORY FUNCTION



[Signature]
Head

[Signature]
Co-ordinator IQAC

[Signature]
Principal,
G. P. Poriah Arts, Comm. & V. V. Salunkeji Science College, Sindagi

SPVVS'S

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
8-10-2021 to 15-12-2021	4 PM to 5 PM	Prof. P.M.BAMMANI Prof.R.M.HONAMORE


Dept. of Mathematics
G.P.P. Arts, Commerce & V.V. Salimath
College, SINDAGI-586128


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

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

DEPARTMENT OF MATHEMATICS

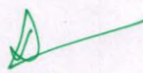
CERTIFICATE COURSE 2021-22

BUSINESS MATHEMATICS

Sl.No	NAME OF THE STUDENT	MARKS	REMARK
1.	MUBEEN BIRADAR	30	PASS
2.	LAXMI BIRADAR	31	PASS
3.	ANKIT BIRADAR	33	PASS
4.	SOUMYA TAVARAKHED	32	PASS
5.	VANISHREE MUDALAGI	30	PASS
6.	RUKMINI BHAGAPPA HAWALAGI	31	PASS
7.	CHANDRASHEKHAR	28	PASS
8.	NAVEENKUMAR HIREMATH	27	PASS
9.	MANJUNATH L BANNATTI	AB	PASS
10.	PAIGAMBAR NADAF	32	PASS
11.	SRUSHTI ANGADI	32	PASS
12.	LAXMI KURADI	34	PASS
13.	BHUVANESHWARI NATIKAR	30	PASS
14.	ROOPA PATIL	32	PASS
15.	PALLAVI SHIVANAGI	32	PASS
16.	ARAVIND RATHOD	28	PASS
17.	BHAVANA SINGADI	29	PASS


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18.	SUSHMITA KUMBAR	30	PASS
19.	AISHWARYA HUGAR	AB	
20.	BHAGYASHREE ILAGER	31	PASS
21.	GANGAMMA KURI	34	PASS
22.	POURNIMA BIRADAR	32	PASS
23.	ANIL RAVUTAPPA BAPAGOND	29	PASS
24.	LAXMI NIJAPPA DEVARAMANI	32	PASS
25.	MEGHA Y PATIL	33	PASS
26.	SAHANA ASHOK BAJANTRI	AB	
27.	BHAGYASHREE	34	PASS
28.	BASAYYA STHAVARAMATH	AB	
29.	GURUBAI SOMASHEKHAR PATIL	AB	
30.	GOURAMMA RAMA HATTI	36	PASS
31.	SWAPNA JERATAGI	34	PASS
32.	VINOD KUMAR MALIPATIL	32	PASS
33.	MAITRA BINDURAYA BIRADAR	AB	
34.	SHIVARAJ	32	PASS
35.	ABHISHEK B DEGINAL	31	PASS
36.	HONNESH S DEGINAL	33	PASS
37.	BHAGYASHREE	32	PASS
38.	SHRUTI	AB	
39.	SHREEKANT MALLAPPA SALOTAGI	AB	
40.	NIVEDITA BIRADAR	30	PASS

Porwal
Head
Dept. of Mathematics

Porwal
Coordinator IQAC
G. P. PORWAL ARTS, COM &

Porwal
Principal,

41.	SUJATA	28	PASS
42.	SHEELA YALAWAR	32	PASS
43.	GEETA KANTIGOND	34	PASS
44.	FAROOQ NADAF	38	PASS
45.	HITHAISHI DESAI	36	PASS
46.	LAKKAMMA	32	PASS
47.	NETRA	31	PASS
48.	SHOBHA SHREESHAIL BIRADAR	34	PASS
49.	JYOTI MOTE	32	PASS
50.	PRIYANK BIRADAR	32	PASS
51.	BHAGYASHREE BIRADAR	32	PASS
52.	BHAGYASHREE	33	PASS
53.	LAXMI S DAGGA	34	PASS
54.	SHIVALEELA ALAGUNDAGI	37	PASS
55.	BHAGYASHREE	32	PASS
56.	ASHWINI NAGAVI	33	PASS
57.	KAVYANJALI B BIRADAR	32	PASS
58.	SHANTAVEER KHEDAKAR	33	PASS
59.	KEERTI BHIMARAY KAMBALE	34	PASS
60.	PAVITRA CHIDANAND YARAGAL	32	PASS
61.	SUMITRA PARAMANNA GOUNDI	30	PASS
62.	GEETA CHOUDRI	36	PASS
63.	CHAITRA	34	PASS


Principal,

64.	MUSKAN	32	PASS
65.	VANITA	30	PASS
66.	ANUPAMA KAKKALAMELI	AB	
67.	SHARANABASU M SAGAR	32	PASS
68.	SHANTA MATH	31	PASS
69.	VISHWANATH PADASHETTI	30	PASS
70.	REKHA	29	PASS
71.	KULASUMABEGUM HANCHALI	30	PASS
72.	AKASH	AB	
73.	PRIYANKA DHARIKAR	29	PASS
74.	BHAGIRATHI DESUNAGI	29	PASS
75.	SATISH ALAMEL	30	PASS
76.	TASMIYA RAFAEK MAKANDAR	29	PASS
77.	PRAJWAL SHREESHAIL BADIGER	30	PASS


 Dept. of Mathematics
 G. P. Porwal Arts, Comm. & V. V. Salimath Sc. College,
 Sindagi-586128




 Principal,
 G. P. Porwal Arts, Comm. &
 V. V. Salimath Sc. College,
 Sindagi-586128. College Code: 523