SINHGAD TECHNICAL EDUCATION SOCIETY'S



SMT. KASHIBAI NAVALE COLLEGE OF ENGINEERING.

Approved by AICTE Vide F. No. 740-89-004 (NDEGAPR/ET/2000) & Affiliated to Savitribai Phule Pune University ID. No. PU/PN/ENGG/155/2001

Accrediated by NBA & NAAC With "A" Grade

Recognized by UGC under Section 2 (f) & 12 (B) of UGC Act 1956

S. No. 44/1, Vadgaon (Budruk), Off. Sinhgad Road, Pune - 411041.

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PROF. M. N. NAVALE M.E. (Elect.) MIE., MBA. FOUNDER PRESIDENT DR. (MRS.) SUNANDA M. NAVALE B.A., M.P.M., Ph.D. FOUNDER SECRETARY

DR. A. V. DESHPANDE B.E., M. E.(Computer Engg.), Ph.D. PRINCIPAL

To.

The Director.

National Assessment and Accreditation Council (NAAC)

P.O. Box No. 1075, Nagarbhavi,

Bengaluru - 560072

Subject: Proofs of metric No. 2.5.2

Reference: Metric No. 2.5.2: Mechanism to deal with internal examination related grievances is transparent,

time-bound and efficient.

Dear Sir/Madam,

As per said subject kindly find below the index of file description/Documents for your valuable information.

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	AY 2022-23 for Department Information Technology	14-20
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Principal

Smt. Kashibai Navale College of Engineering, Pune

Principal
Smt. Kashibai Navale
College of Engineering

Vadgoan(Bk.), Pune - 41.



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S.No. 44/1, Vadgaon (Budruk), Off. Sinhgad Road, Pune - 411 041

Department of Mechanical Engineering

2.5.2 Record for Grievances

Index

Sr. No.	Academic year	Content
1.	2022-23	 Marks Statement
		 Proof of action taken
		 Student action

Prof. T.S. Sargar

Assistant Professor & Head Dept, of Mechanical Engg. Smt. Kashibai Navale College of Engineering, Pune - 41.



Smt. KashibaiNavale college of Engineering, Pune - 41

Department of Mechanical Engineering

Date:	29	108/	2

Respected Sir/Madam,

I, Sumedh Milind Nikam Stu	dent o	of
SE/TE/BE, Division Roll No Roll Roll Roll Roll Roll Roll	7-1 / UT	`-
II/Prelim examination of subject AI in Robatic	01	n
the marks secured by me in the said exam are	13	_
I have grievance related to marks secured in the said examination.		

This is my kind request to subject teacher to kindly address my grievance related to marks secured in the said subject examination.

Name and sign of Student

Change 2 marles Remark of subject teacher: Of 1.C.

Subject Teacher

Exam Coordinator

Assistant Protessor & Head Dept. of Mechanical Engg. Smt. Kashibai Navale College of Engineering, Pune - 41.



Smt. Kashibai Navale College of Engineering

d to Savitribai Phule Pune University, Approved by AICTE and NAAC Accredited with 'A'
Sinhgad Institutes

S.No. 44/1, Vadgaon (BK), Off. Sinhgad road, Pune 411041

Department of Mechanical Engineering

RECOMMENDATION FOR CORRECTION IN MARKS

Date-

Academic year- 20 22 - 23

Examination: Unit Test I/ Unit Test II/ Prelim

Year: S.E. /T.E./B.E.

Date of Examination: 24/08/22

Semester- I/IH

Name of Subject: AI in Robotics.

Name of Subject Teacher:

Sr. No.	Name of Student	Division	Roll No.	Marks before grievance submitted by student	Marks after addressing grievance	Recommendation Change/ No change
1	Suredh Nika	n M	m 4353	1 2	15-	charge
2				13		Contraction
3						0
4						
5						
6						

Sign Subject teacher

Sign Internal Exam Coordinator

Assistant Professor & Head

Dept. of Mechanical Engg.
Smt. Kashibai Navale College
of Engineering, Pune - 41



Smt. KashibaiNavale college of Engineering, Pune - 41

Department of Mechanical Engineering

			Date:
To,			
To Subject Teacher, Department of Mechanical Engineering, Sub: Regarding grievance in Unit Test/ Pr	elim Marks.		
Respected Sir/Madam,			
I, Sahil Santosh	Mane		Student o
-SE/TE/BE, Division Two		308	
II/Prelim examination of	subject		•
the	marks secured by	me in the sa	aid exam are 200
I have grievance related to marks secured	in the said examir	nation.	
This is my kind request to subject teac secured in the said subject examination.	her to kindly add	lress my gri	evance related to marks
			Sant
1711		N	Name and sign of Student
平 心器。			
Remark of subject teacher:	y of to	wow	ette.
	· / v		
		K	70h 92
Subject Teacher		Exam	Coordinates
		Exam	Coordinator
the beatwag of any		Exam	Coordinator

Assistant Professor & Head Dept. of Mechanical Engg. Smt. Kashibai Navale College A Suite of the sui

Smt. Kashibai Navale College of Engineering

d to Savitribai Phule Pune University, Approved by AICTE and NAAC Accredited with 'A' Sinhgad Institutes S.No. 44/1, Vadgaon (BK), Off. Sinhgad road, Pune 411041

Department of Mechanical Engineering

RECOMMENDATION FOR CORRECTION IN MARKS

Date-

Academic year- 20

Examination: Unit Test I/ Unit Test II/ Prelim

Year: S.E. /T.E./B.E.

Date of Examination:

Semester- I/II

Name of Subject:

Name of Subject Teacher: Y, C Jadhaw

Sr. No.	Name of Student	Division	Roll No.	Marks before grievance submitted by student	Marks after addressing grievance	Recommendation Change/ No change
1	Sahol Mane	3	308	20	22	change.
2						0
3						
4						
5						
6						

Sign Subject teacher Internal Exam Coordinator

Assistant Professor & Head Dept. of Mechanical Engg. Smt. Kashibai Navale College of Engineering, Pune - 41.



Nome = Sumedh Milind Mikam ROV no = M4353 , Div = III Class = BE Mech Sub = AI in Robotics 1 Cg 1 Explain algorithms for unintermed search The algorithms for uninformed scarch is the the type of the algorithm and the a very ususeful manor the at the uninformed search unhapity and violes more redicted and the uninformed redicad elector and the previous more verious performed substance and provided and the many wefull and useful moner and the very domain lets monutake othe facility raices types by the heb wh and the algorithms in the totire the supported bucker of manner The red roded genetic algorithm IR the very we feel manne and the very important aspect and usful coded algorithm in the Al in robotics the that oxidicial inteligence which of the human intelligence and thinking capability by the manune at the voni fuctor of the continius Lecters and romitade that inter by algarithms coded 90 makes robots risy. nergy * Fa Assistant Pro Dept. of Med Dept. of Mechanical Engg. Smt. Kashibai Navale College of Engineering, Pune - 41. **4** 6

PAGE NO.

DATE:

hill dimbing in hearistic starch is the cusions experience in the field of the Al in valuation it makes robot more accorate in the their task with innerse the quality of work and walded code and the various factors for the the robot make the performance very accorate and what and the the performance of the various factor and it is the contestinine ted of the various factor at the intelligence of the robot and the its intelligence of the performance of the performance of the performance of the various factor of the intelligence of the robot and the various of the performance of



	Tage
	Name-Sahil santosh more
	ROII NO - 308
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<i>Ei</i>	The relative motion 13 The lubricant is pumped
172	between surface into bearing gapunder
	causes the Jubricant pressure.
	to be drag into
	me bearing gap
S. MACO	the state of the s
2	It connot support higher 27 It can support higher
- 13 m	100d. 100d.
- x	The suppose of the Comment
3	It is generally 'Usedat 3J It is used at lower
<u> </u>	higher speed. speed.
	commenced to a superior of the
6	It can create high triction 47 It create less Friction
Time	and hoot.
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5	It do not required auxillary 5) It required
1-7	equipment like pump auxiliary equipment
1. 7h	and the second of the second o
63	I has simple construction of It has complex
	construction.
	4
7	It required less maintance IT It required high
9	maintance
O	Application engines, large 8) Application rolling miles
	centrifugal pumps, Assistant Professor chigh speed, machine s
	hydraulic turbines Dept. of Mechanical Engage Is 1972. Viegiuses
	of Engineering, Pune - 41.



ಎ	Advantages of Hydrodynamic bearings
CI	Friction Reduction: The hydrodynamic film eliminary
	direct contact between the rotating shart and the
	bearing resulting in significantly reduced Frithen
-i ₄ -	and wear.
27	High load capacity: The Fluid Film supports one
	entire load, allowing hydrodynamic bearing to handle
	nearly loads without domage.
3)	Self Norication: The relative motion convior de
	snort are bearing generaled & the Fluid film.
	eliminating the need for external whication system
4)	COST-Effective Hydrodynamic bearing are relatively
	and carbe manufactured at a
	lower cost compored to other types or bearings.
	limitations of Hydrodynamic bearing:
, 4	
	Startup Friction: Hydrodynamic boaring require a minimum
6	spend to esaddish me fluid Film mand has
2	and the applications with frequent strike and items.
	Heat Generation: The Friction between the Fluid
	Film and mo short can generate heat, dissipation
	in high-speed applications.
-	Applications.
1	Large Machinery.
	All some state of the state of
2	1100319
3	Power to armission:
3	Torbamachinery:
3	Torbamachinery: 15c



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	1 1 1 2 0 1 T 2 1 1 T 2 1 1 1 1 1 1 1 1 1 1 1 1 1
Q.37B	The different types or brack brokes are !-
	Section and a post of the first of the section
13	Disc Braker :-
	Application: Disc brat Brokes are widely used in
	automonible with vehicles such as cors, motorcyles.
	Switten 112 112 11
Cii	Orom Branes:
	Application: Down brakes are commonly Found in the
	rear wheels of automobiles and also used in some
	motorcyleles.
	The Constitute of
111	Hydrulic Branes = + + + + + + + + + + + + + + + + + +
	Application - Hydraulic Branes are widely used
	in various venicles, including wars, trucks, motorgel,
* †	and bicycles when the description
V.	Electromagnetic Broker:
	· Application: Electromagnetic brakes are used in
12, 2	Industrial machinery, elevators, & escalators,
Y LETO	and robotics of more did.
N.	Bond Braks:
	Application 1- Cord Brakes Ore commonly oredin
	Jarious application such as blogales, matrogres:
	Many gad day at the
	Advontages of Band Brackes.
	is simple design.
6	2) oust-Effective.
<u>()</u>	3) Easy Installation.
X	5) Adequate Broking Power.
	Nieginset)
	Disadvantages:- Assistant Professor & Head
	Dept. of Mechanical Engage Smt. Kashibai Navale College 10 10 10
	Of Engineering, Pune - 41

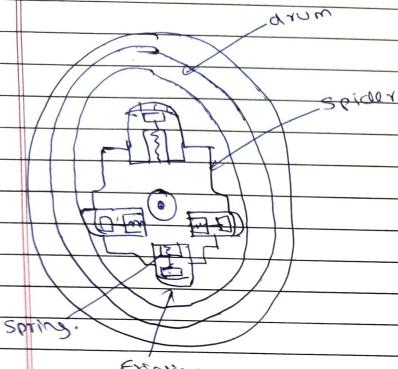
of Engineering, Pune - 41.



	Page
25	Fading at mgn speeds.
33	Adjustment Requirements
47	Limited Applications.
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ta	Components required orele
	Oxiving member
	Driven member
37	Clutch Plate
4)	Spring
	Fly weight and state of the second
	working:
	when me input shaft rotates, me Flyweights move
	outword due to contribugal Force. This action
, Age	causes plates to compress together, establishing
	Frictional contact between them. As a result,
- 0	torque is transitted from the driving member to
	one driven member, enabling power transfer. The
	engagements Force is controlled by the source to
Ch sellings	Tansion, which keeps me cluten places in contact
1,	duiring operation.
LA LA	The state of the s
11	Advanages:
The state of the s	Auromatic Engagement.
2	Sperarion.
35	overload prochon
4	simplified control
	0:00
1	Dia Dis advantage.
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2	Wellor and maintance Pept of Mechanical Envis
	Smt. Kashibalining a Co je
V /	



3) Heat Generation



Frichon

Puna adina Alle Colors Alle Co

Assistant Professor & Head Dept. of Mechanical Engg. Smt. Kashibai Navale College of Engineering, Pune - 41.



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S.No. 44/1, Vadgaon (Budruk), Off. Sinhgad Road, Pune - 411 041

Department of Mechanical Engineering

Recommendation for correction of marks

Academic year -2022-23

Year- B.E.

Examination: Unit Test I/Unit Test II/ Prelim

Sr.	Name of Student	Roll	Name of	Marks	Marks	Recommendation
No.		No.	subject	before	after	Change/no
				grievance	grievance	Change
	Control because we			submitted		
				by student		
1	Sumedh M.	M4353	AI in	13	15	Change 2 Marks
	Nikam		Robotics			
2.	Sahil S. Mane	308	DTS	20	22	Change 2 Marks
3.	Atharva V.	277	IR &	06	06	No Change
	kalkho		Automation			
4.	Makarand V.	M3317	DTS	10	10	No Change
	Mhaskar					

Prof. T.S. Sargar

HOD

Assistant Professor & Head Dept. of Mechanical Engg. Smt. Kashibai Navale College of Engineering, Pune - 41.





2.5.2 Record of Grievances

Index

Sr. No	Academic Year	Content
1.	2022-23	 Mark Statement Proof of action taken Student Action



Prof. M. L. Bangare

HOD HOD Department of Information Technology Smt. Kashibai Navale College of Engineering Vadgaon, (Bk.), Pune - 411 041



2.5.2 Recommendation for correction in Mark

Date:

Academic Year- 2022-23

Examination: Unit Test

Year-S.E

Semester- I

Sr. No.	Name of student	Roll No.	Name of Subject	Mark before grievance Submitted	Mark after addressing grievance	Recommendation Change/No Change
				by student		
1	Sanket R. Phadatare	23	DM	23	27	Change
2	Sakshi A. Kale	63	DM	25	27	Change



Prof. M. L. Bangare

HOD

Department of information technology

HOD
Department of Information Technology
Smt. Kashibai Navale College of Engineering
Vadgaon, (Bk.), Pune - 411 041



2.5.2 Recommendation for correction in Mark

Date:

Academic Year- 2022-23

Examination: Unit Test

Year-S.E

Semester- I

Sr. No.	Name of student	Roll No.	Name of Subject	Mark before grievance Submitted by student	Mark after addressing grievance	Recommendation Change/No Change
1	Sanket R. Phadatare	23	DM	23	27	Change
2	Sakshi A. Kale	63	DM	25	27	Change

Smt. Agladurale College of the Soul of the

Prof. M. L. Bangare

Department of Information Technology Smt. Kashibai Navale College of Engineering Vadgaon, (Bk.), Pune - 411 041

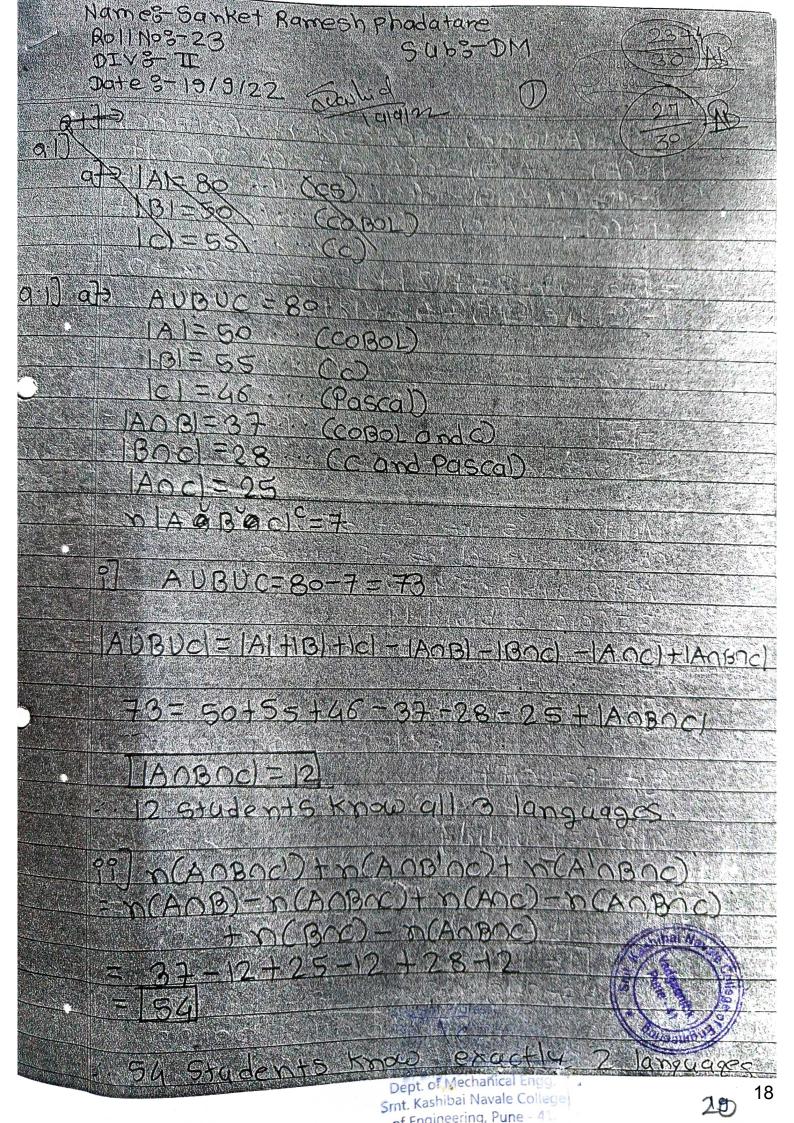


Date:

Subject	
IT Dept., SKNCOE Sub: Regarding grievance in Unit Test / Prelim Exam Marks Respected Sir/ Mam, I	To,
Respected Sir/Mam, ISanket. Ramesh. Phattare. Student of Second Year, divisionT. Roll no	The Subject Teacher,
Respected Sir/ Mam, I. Sanket Ramesh Phadtore Year, divisionT. Roll no	IT Dept. , SKNCOE
Year, divisionT Roll no?? appeared UT-I/UT-II/Prefim examination of Subject	Sub: Regarding grievance in Unit Test /Prelim Exam Marks
Subject	Respected Sir/Mam, I Sanket Ramesh Phadtore Student of Second
marks secured in the said subject examination. This is my kind request to subject teacher to kindly address my grievance related to marks secured in the said subject examination. Name and Sign of the Student (Substantial) Sauket phadique Remark of Subject Teacher: marks change from 25 to 27 Question No (-16b) marks increased by 4 Exam Co-ordinator	Year, divisionTI Roll no23 appeared UT-I/UT-II/Prefim examination of SubjectDM on
marks secured in the said subject examination. This is my kind request to subject teacher to kindly address my grievance related to marks secured in the said subject examination. Name and Sign of the Student (Substantial Phadage Sanket phadage Remark of Subject Teacher: marks change from 25 to 27 Question No (-10b) marks increased by 4 Exam Co-ordinator	The mark secured by me in the said exam are2.3 I have grievance related to
Name and Sign of the Student (Sulect) Sanket phadtare Remark of Subject Teacher: masks change from 25 to 27 Question No (-1(b)) masks increased by 4 Exam Co-ordinator	
Name and Sign of the Student (Select) Sanket phadegre Remark of Subject Teacher: masks change from 25 to 27 Question NO (-10b) masks increased by 4 Exam Co-ordinator	This is my kind request to subject teacher to kindly address my grievance related to
Remark of Subject Teacher: marks change from 25 to 27 Question NO (-10b) marks increased by 4 Exam Co-ordinator	marks secured in the said subject examination.
Remark of Subject Teacher: marks change from 23 to 27 Question NO (-10b) marks increased by 4 Exam Co-ordinator	Name and Sign of the Student
Question NO (-10b) marks change from 23 to 27 Question NO (-10b) marks increased by 4 Exam Co-ordinator	- 1 A A A A A A A A A A A A A A A A A A
Question NO (-10b) marks change from 23 to 27 Question NO (-10b) marks increased by 4 Exam Co-ordinator	Sauket Phadfare
Exam Co-ordinator	Remark of Subject Teacher: masks change from 25 to 27
Subject Teacher Exam Co-ordinator.	Question NO 1- 100) Mack Milleusea Dy 4
(E)	Subject Teacher Exam Co-ordinator.

18/17

Assistant Professor & Head Dept. of Mechanical Engg. Smt. Kashibai Navale College of Engineering, Pune - 41.





Date:

To,
The Subject Teacher,
IT Dept., SKNCOE
Sub: Regarding grievance in Unit Test /Prelim Exam Marks
Exam Marks

Respected Sir/ Mam.	
1 Sakshi Ankush Kala	4
Year, division Roll no. 12163	Student of Second
1101 1 101 1 0000 000 1 TVT Y 1 Y 10	CO. Control A
Subject DM	

The mark secured by me in the said exam are ... 25.... I have grievance related to marks secured in the said subject examination.

This is my kind request to subject teacher to kindly address my grievance related to marks secured in the said subject examination.

Name and Sign of the Student

Remark of Subject Teacher: mark change from 25 to 27 Quesion No-3(b) marks increased by 9

Subject Teacher

Vadgeon(bk)

Pune 41

OUV38

Exam Co-ordinator.

Assistant Professor & Head Dept. of Mechanical Engg-Srnt. Kashibai Navale College of Engineering, Pune - 41.

1	Name: - Kale Sakshi Ankysh
4	Div :- 1 Roll no:- 12163
-> U. 1	
	cobol A be the no of student who know
	B ho the
	and c 1 - 11 ordorn on those c
	pascal be the no of student who know
	h(A) = 50 , $h(B) = 55$, $h(C) = 46$
P	D(ADB) = 37
	$\frac{D(BDC) = 20}{D(ADC)}$
and the state of t	$\frac{h(Anc) = 25}{h(A'nB'nC') = 7}$
-	1) (1) 118 11(1) = 7
And the second second second	n (AUBUC) = U - n (AUBUC)'
	D(AUBUC) = U - D(A'DB'DC)
	D(AUBUC) = 80 - 7
4	(n (AUBUC) = 73]
) n(AUBUC) = n(A) + n(B) + n(C) - n(ADB)
0	- n(BNC) - n(ANC) + n(ANBNC)
	73 = 50 + 55 + 46 - 37 - 28 - 25 + h(ANBNC)
1	(n (ADBDC) = 73-61
	h(AnBnc) = 12
	12 student know all three languages.
i	Die hour cappt and c
	no of student who know come and c
H	not out tall
	1) H D C Pune - 41 3
	Assistant Professor of Flag. Dept. of Mechanical Engg. Dept. of Mechanical Engg. Dept. of Mechanical Engg. 22 20





Smt. Kashibai Navale College of Engineering, Pune – 41 Department of Electronics and Telecommunication Engineering Criteria II

Internal Examination Grievances

Index

Sr. No.	Academic Year	Semester	Class (SE/TE/BE)	Subject	Examination (UT1/UT2/Prelim)
1	2022-2023	I	TE	DC	UT1
2	2022-2023	П	TE	CN	UT1

L



Dr. S. K. Jagtap

Dept. of Electronics & Telecommunication Engineering 1
Smt. Kashibai Navale College



Sinhgad Technical Education Society's SMT. KASHIBAI NAVALE COLLEGE OF ENGINEERING, PUNE-41 Department of Electronics and Telecommunication Engineering



Date: 16/03/2023

To,
The subject teacher,
Department of E&TC Engineering,
SKNCOE, Vadgaon, Pune.

Respected Sir/ Madam,

Subject: Regarding grievance in UT1/ UT2/ Pressm exam Marks.

I have secured .24....Marks out of .30. in said examination. I have grievance related to marks in said subject examination.

This is my kind request to subject teacher/ Subject coordinator to kindly address my grievance related to marks secured in the examination.

Name and Sign of the Student

(Pratik Ramesh Balmery)

Remark:

Paper is reassessed, marks are charged from 24 to 26.

Subject Teacher

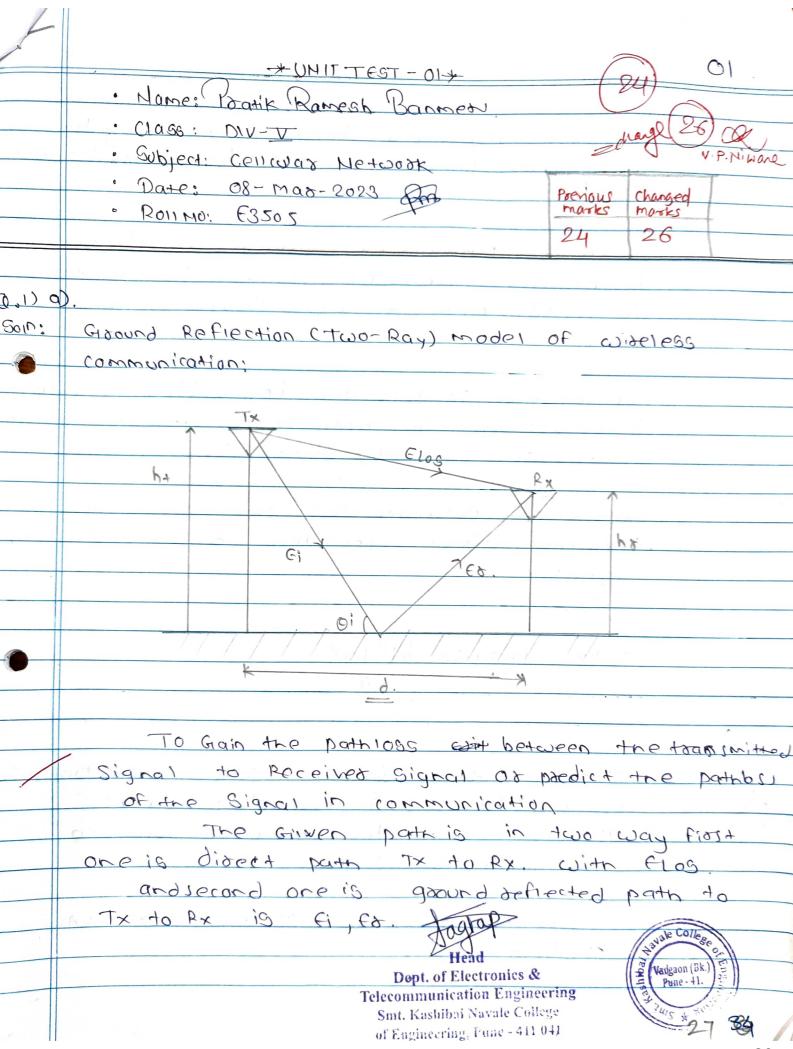
Subject Coordinator

Exam Coordinator

Dr. S. K. Jagtap HOD (E&TC) Head

Dept. of Electronics & Telecommunication Engineering Smt. Kashibai Navale College of Engineering, Pune - 411 041

20 5052



Tourmiting Signal height denoted by ht where as Roceived Signal height is denoted by ht.

In this path 1001 or communication both height are different similarly Transmitting Signal is more to longer than received.

Signal.

In addition to this the los (line of signal is add between this both the Signal transmitted Signal and reflected Signal, Ein.

So we can calculate the hidden of pathiols
between direct Signal and Deground deflected
Signal.

-: P8= PAGILGO h12 h82

Therefore the distance between in transmitted Signal and Pereiver Signal (de Thinks).

I as longer than the time dequired to transmitted the Signal

So distance baised to 4th power of at the

British Total Control of Section 2019 British Total Control of Section 2019 British Description Section 2019 Q.1.

S010:

Channel Estimation technique in wideless System.

- .. Channel estimation is challanged problem in
- · Channel estimation is included Or delay, Scatering of the Signal in communication
- estimation of signal is have some poise in the Gignal which can be flow the dister distertion in the Signal of communical
 - · Estimation have Channell taps.
- · Channel Estimation technique:
 - · attenuate
 - · Phaseshift
 - · add noise
- additing the 8' roise which is in signal.
 - channel estimation, have many, types and many teachique to a estimated a good communication significant to teach a good

Dopt. of Electronics &
Telecommunication Engineering
Smt. Kashibai Povale College
of Engineering, Pune - 411 041

	So, The Channel Estimation Technique. in wideless. System, estimated techniques ore or.
	· blind channel estimation. · Semi-blind channel estimation.
.01	The channel Estimation has mainly consoled) or regulated with proper. Channel materx.
	" So channel matrix is also as:
\mathcal{V}_0	1) Behaves ? 2) Chs 1 3) properties 9
	TOB are me as charmed, Charles
	This are parameters of the channel matorx.
1 3 2 2	· with Dia:
	$(x(4))$ air $(x(4)) = 0 \times (4) = 0 \times (4)$ $(x(4)) = 0 \times (4) = 0 \times (4) = 0 \times (4)$ $(x(4)) = 0 \times (4) = 0 $
Le	
201	Dopt. of Electronics & Teleconnuction Engineer
82 1	Smt. Kushiku sasale Col. g

Telecommunication Engineering 29

o 10 mino transmitter the Signal is input with the bit Stream to the transmitter.

enimo has multiple transmitter But an the transmitter as same principal flow of transmitting the Up signar to forwared to outcome to deceiver signar.

- · MIMO transmitter frosty has serial signal. In the input stream
- · demox atema of the Sp Signals
 - · Harmitte has mainly converted the Signals to opposite flow means as
 - But in both process include the IFFT point or whet H-point of SIP. Signal, that compet the signal with Help of IFFA.
 - o Then after transmitted generate the py signal (pasquel to Setial Sequence).

Telecomposephantian Res (en Smt. Restilie i Novales altic

· Though the transmitting antenna It

A transmitted pressignanto outward toward

Supporting occepted signal of primo.

9)

We known that the channel estimation is. flow & white with know signal through vasious kind of communication system, is with despect to the aid, (u, to etc. where the. channel or signal get adde or some interrupt in 17. rove prace shift of channel type passed the 9 signal to outward of the Communication Signal channel

Simply we got an the estimated signal with different attenuation Henre we can also denote or called known signal to pros signal Os Receiveras > Y(+) = 1x

0.1.

(1)L

Given 30SMP.

"comen in into do

FdB = 10 log F.

30= 1010gf. 1c:1.38×10-23

08 F= 1000 A

Moise power at 10pm.

Proi= FKTB.

= 1000 x 1 1.38 × 10-23 × (273+27) ×10 ×103 = 4,14 ×10-14 Wath

: Signal power dequited 4.14×10-14 Watt. 91 the input of deceiver to actionaglappia a A

5MR 300D

Dept. of Electronics & Telecommunication Engineering Smt. Kashibai Navale College of Engineering, Pune - 411 041

(0.4.a) Given. : Wimax = Mobildwide interpoporability. Mic socraye acress. M= 256 B=15.625 KH2 (p= 12,5010 BIN= 15.625 KM, a) B = N X15.625 = 256 x 15.625. = 4000 = 4 MHZ. B 9×106 = 64MS. Dubation of Cyclic Pactix = 12.5010 symbo time lite =12.5 x 69 W) 100 = 8mj. Sampletine in Cp = CD dutation Sample line

Head

Dopt. of Electronics &

Telecommunication Engineering
Smt. Kashibai Navale College
of Engineering, Pane - 411 041

38



Sinhgad Technical Education Society's SMT. KASHIBAI NAVALE COLLEGE OF ENGINEERING, PUNE-41 Department of Electronics and Telecommunication Engineering

Date:30/08/2022

To,
The subject teacher,
Department of E&TC Engineering,
SKNCOE, Vadgaon, Pune.

Subject: Regarding grievance in UT1/ UT2/ Prelim exam Marks.

Respected Sin/ Madam,

I, Ruhil Deepak Jongam , student of E&TC department, course SE/TE/BE division HW/W/W/W Roll Number E3.20.1., appeared for UT1/UT2/Prelim Examination of Subject Digital Communication on 22/08/2022

I have securedMarks out of .3.0.. in said examination. I have grievance related to marks in said subject examination.

This is my kind request to subject teacher/ Subject coordinator to kindly address my grievance related to marks secured in the examination.

Name and Sign of the Student

(Ruhil Jangan)

Remark: Paper is reassessed. There is no change in

Subject Teacher

Subject Coordinator

Exam Coordinator

Dr. S. K. Jagtap HOD (E&TC)

Head

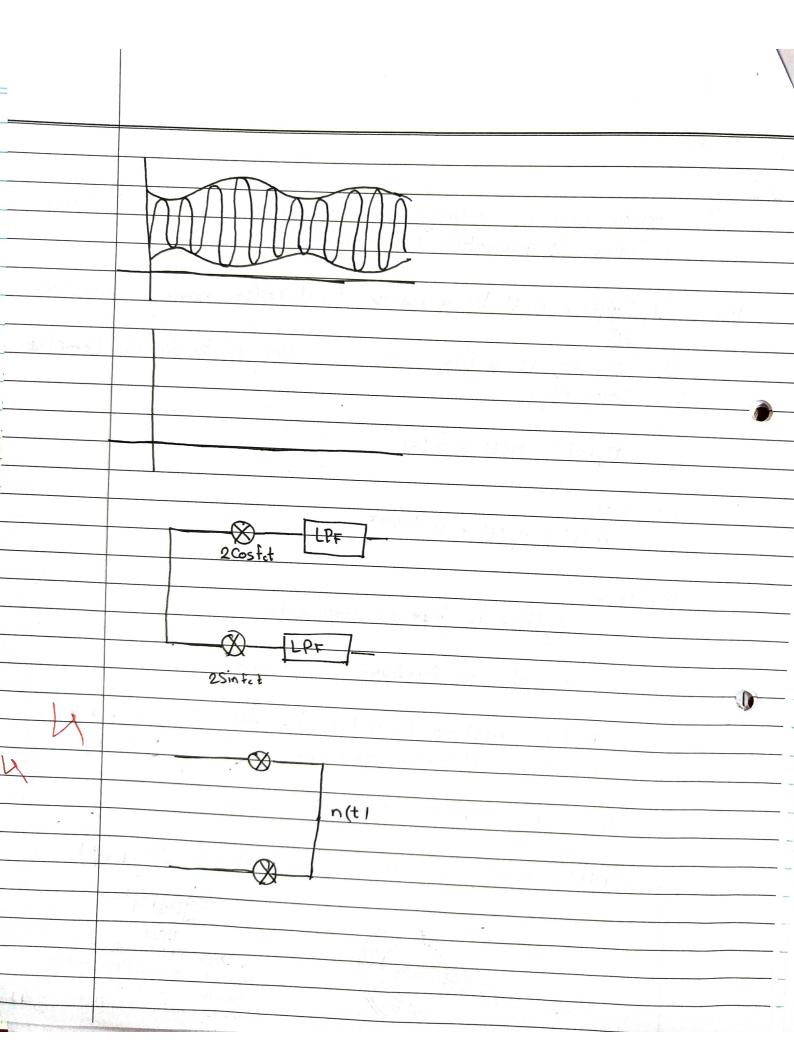
Dept. of Electronics &
Telecommunication Engineering
Smt. Kashibar Navata College
of Engineering, Punp : 441 041

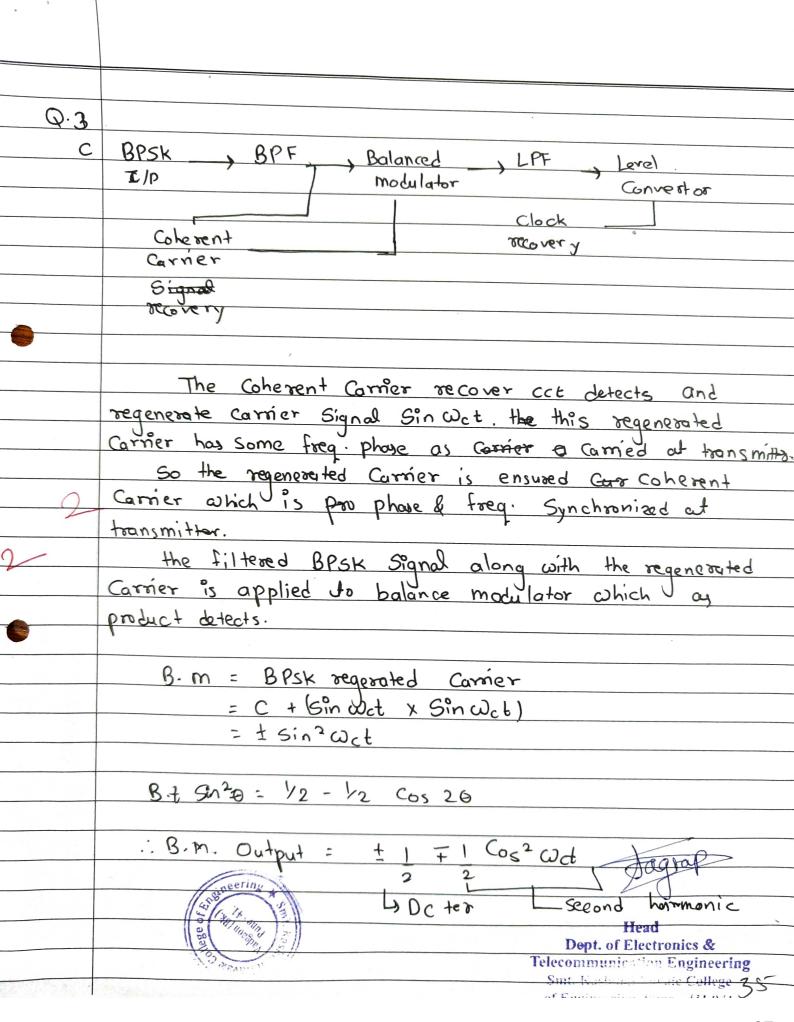
337

Name : 0101 0
Name: Rushil Deepak Jangam Roll No: E3201
Subject: Digital Communication (2) sonta
J J Communication
Province Marka Parant
Previous Marks Remark (12) 12 No chang M
1 ºF 2 (1-1) - A - (1-1) - A - (1) -
35 / 2/11 / + W 15 0 Younds
random variable uniformly distributed over (0,211). Prove that $2e(t)$ is ergotic in mean.
Here
$x(t) = A \cos(2\pi f t + \phi)$
φ = (0,2π)
Go to omine colli o
So to prove 2(t) is ergotic in mean
O<**\partial 2\pi = 1
2π
= 0 else
2 TT
:. Uz(t) =) A Cos (2πFt + φ)
2 π
= A (Cos (2 Tiff +d) tratal = 0
havak Cole
- 0 69 (0-1) + b)
= A Sin (27ft+ \$7 The communication Engineering)
2π 13 3ππ. Κωσωνα - 411 044
]

	Se now we have to find Ux (T)
	$\therefore \mathcal{L}_{\mathcal{R}}(T) = \lim_{T \to 0} \frac{T/2}{A \cos(2\pi f + \phi) \cdot 1}$
	T+0 2TI
•	9-1/2
	$= 100$ Ω $(0-11+1)$
	$= \lim_{T \to 0} \frac{A}{2\pi} \int_{-T/2}^{T/2} A \cos(2\pi f + \phi)$
	7/2
- 4	= 1°m A Sin (2πft+φ) T+0 2π 2πft
	-7/2
	1/2
	= A Sin 211+TT++ + Sin 211+TT] + + 211
	211 [2]
	$= Hexe,$ $\frac{1}{T} = f_{c} \qquad \therefore f_{c}T = 1$
	$\frac{1}{T} = f_c \qquad \therefore f_{-}T = 1$
	- 0 Feb 0
1	= A [Sin 2π - Sin 2π]
	-0 -(2)
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· · · · · · · · · · · · · · · · · · ·	So From () & (2)
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100	
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c	Names band needs and and
9	Narrow band noise and represent narrowband noise in terms of inphase of quadrature Components
	of inphase of quadrature components
Ans:	(T) (2000 00 0/1) bo
(110)	11 Dandwidth
	1 - 4D ·
	0.0 11(c) 10 the (amolo)
0	component.
	3
	$n_{t}(t) = h(t) + \hat{n}(t)$
	(4) and
	$\tilde{n}(t) = n(t) + e^{-J2\pi f_{c}t}$
	(5) Here
	n (t) = is inphase Components
	n (t) = is Quadrature Components
	$n_{I}(t) = n(t) \cos(2\pi f_{c}t + \phi) + \hat{n}(t) \sin(2\pi f_{c}t + \phi)$
	$n_{\varphi}(t) = \hat{n}(t) \mathcal{G}(cos(2\pi f_c t + \phi) - n(t) \mathcal{S}_n^{\varphi}(2\pi f_c t + \phi)$
,	:- Here, $n(t) = n_I(t) + j \cdot n_O(t)$
	n(t) = n_1(t) Cos (2πfct+φ) + na(t) Sin (2πfct+φ)
	Jog 19
	Head
	Dept. of Electronics & Telecommunication Engineering
. ,	Sand Marchilleri Vavade College
	of Engineering, Punc - 411 *** 34







Smt. Kashibai Navale College of Engineering

(Affiliated to Savitribai Phule Pune University, Approved by AICTE and NAAC Accredited with 'A' S.No. 44/1, Vadgaon (BK), Off. Sinhgad road, Pune 411041

Department of Management

To,
Subject Teacher,
Sub: Regarding change in internal exam Marks
Respected Sir/madam,
Year, Roll No Finle appeared for internal examination of Subject PFP on
The marks secured by me in the said exam are 36 . I have grievance related to marks secured in the said subject examination.
This is my kind request to subject teacher to kindly address my grievance related to marks secured in the said subject examination.
A STATE OF THE STA
Name and Sign of the student (Vaishnavi Kamtham)

Remark of Subject Teacher: NO change

Subject Teacher

S (2 1/3) S

Head of Department

HEAD
Dept. of Management Studies
Smt. Kashibal Navale College of Engg
Vadgaon (Bk.), Pune - 411 U41,



Smt. Kashibai Navale College of Engineering

(Affiliated to Savitribai Phule Pune University, Approved by AICTE and NAAC Accredited with 'A' S.No. 44/1, Vadgaon (BK), Off. Sinhgad road, Pune 411041

Department of Management

RECOMMENDATION OF CORRECTION OF MARKS

Date:

10-7-23

Academic year: 2022-29 Examination: Internal Exam

Year: 2023

Semester:

77)_

Sr. No.	Name of Students	Roll no. /Division	Name of Subject	Marks before grievan ce submitt ed by student	Marks after addressing grievance	Recommendation Change/no change
1	Valsh navi kamtham	Fin 16	PFP	36	36	No Change
2						1 co charge
3						
4						

bject Teache

HOD

HEAD

Dept. of Management Studies Smt. Kashibai Navale College of Engg Vadgaon (Bk.), Pune - 411 041.

/	Topic: No change Page No.: Date.: / /
- 61 (1) - 61 (1)	NAME: Vaishnavi Krushnahari Kamtham ROLL NO: FIN = 16 CLASS: MBA 15t yr (2nd sem)
9/08	Personal Financial Planning
Q.1	smoot mi plan son si poilne sill
1)	Define Investment. Investment means the to invest
\	our money in some kind of stock, bond, etc. for the future secure. It is now days to be very common financia
4	To our own money for gain the profit or future secure plan that own money invest in the market is known as the investment.
3) →	Types of Insurances plans.
1	There are various Types of investment 1) Life Insurance. 2) General Insurance.
\	3) Vehicles Insurunce 1, 5603
	4) Health Insurance. Smt. Kashibai Navate College of Engg Vadgaon (Bk.), Pune - 411 041. For Educational Use Only 40

3th 40

For Educational Use Only

c	Topic:	Page No. :
6) >	Estate Planning ?	Date.
	i) Estate Planning is the how the estate accurding your or is know as estate planning. ii) In that estate planning how plan for financial, marketing ment, company yrow all pla are inculde in the estate pla iii) It basically like the compa operating system.	
2)	Crypto (urrency?	
	investment which is digital investing I is virtual or a digital investing like a bit coins. I) It is a invest in the digital	currency
	platform and duter all stor the cloud. V) It is very safe to invest in digital platform.	
	Services (Services)	ent Studies
Zhad tan	Smt. Kashibai Navale C Vadgaon (Bk.), Pun	

Page No.: Date.: / / Topic:____ 0.2 FV = 8 (Future Value) PV = Present Value = 11,300 = n = 3.7 yr time period r = 2.5% (Interest rute) 1 5 = 0.025 1 N CH UM 500001 = 11,300 (1+0.025)3.7 = 11,300 (1+0,025,30 =11,300 (1,025,30 $=11,300 \times 2.0975$ - 23701.75 FV = 23701 future value after 3.7 yr = 23701 F

Page No.:____ Date.: / / Topic:_ E-filling of income tax return. 3) Procedure Audit gilter file customer customer retail Customer bank transaction. This all procedure include in the F-filling of income tex return. 1) Audit !-In audit they show know that how much company financial income as per they proced the next step it very tough to the Audit to do process. 2) gilter file!-In that all information include about the customer, company, etc. how much the gone a pay for income tax (Wanaganam) Dept. of Management Studies Smt. Kashibal Navale College of Engg Vadgaon (Bk.), Pune - 411 041. For Educational Use Only AUTOMOBILE WA

Topic:____

In the E-filling of income tax return customer should know that how much they gone a pay for gov. customer !-

customer bank transaction! It is a last procedure to transact bill our tax payment to the bunk which is include in the government Economy

in income tux returns.

- iii) tax return is different value as per the person income in that E-filling they show how much tax
- iv) In book online form like mobile Procedure of income tax return. Their are several procedure are include in E-filling of income tux retym.



Dept. of Management Studies Smt. Kashibai Navate College of Engg Vadgaon (Bk.), Pune - 411 041.

Topic:___

Q.3

1) taxation impact of different investment options.

taxation impact is a part of a day to life. But in the impact on different investment.

i) Mutual fund Investment = when we invest in the mutua

fund that time in that investment their risk or return is also awailable.

and tax is also impact on that

investment.

when we invest in some stock or bond that time we sell that stock and withdraw that money in market that time government put tax on that investment.

ii) General Investment:
(a) open-ended=

tax impact on when we sell that stock. It open-ended basically like sell & Invest.

(b) close ended = In this investment only invest in the starting phase

Page No.:____ Topic:___ Date.: / /

They didn't in vest in any time and that stock, bond sell after the term end and that time tax impact on the investment. Some time we have to give so much tux.

(Ointerval investment =

only inveterval period we can sell the invested money that time we have to pay tax otherwise in middle we can sell it in the interval investment taxation impact on the middle time when we sell the stocks.

Board Investment:

a) Equity Mutual fund investment:=

Mainly invest in stock

market that time in investment financial manager invest in good company when we withdraw that Stock from company or invest in company in that profit our tax is pay by government.

(b) Debt Investment =

Debt Investment
Is like invest in the govemment bond we survey bill, that
time it's not like that we invest
in gov. bond so be don't pay for
HEAD

Page No.:___

Topic:_

tox and taxation is impact on also

Debt Investment

The Debt Investment this is a less

nisk I neturn than the equity investment.

debt. when we invest in the equity

debt. when we invest in debt

taxation impact on the investment

by hybrid investment is risk/return

less than Equity investment or greater

than b debt investment.

so tax is equally impact on the

hybrid investment.

... This all are the different options impact taxation impact on investment paying tax is compulsory for the every sitizen.

time it's and

49

	Topic : Page No. : Date. : / /	
0.9	and change we have to be a second	
	The state of the s	
1)	Retirement Planning : Explain Various Means ovailable for metirement planning	
deres .	means ovailable of Explain Vanous	
\rightarrow	retirement planning	?
	Retirement Planning:	
	ranning :-	
	ACI.	
	or a rae who a certain time period	
	or age when a people are quit	
	and is their Job by their own	
	or a age when a people are quit or leave their job by their own good is known as retirement.	
	Polizomani Di	
	Retirement Planning 12	
And the second	Flunning is busically our	
manus At our purish	Planning is busically our future idea that according we are doing our things. So retirement	
	doing our things. So retirement	
	planning is future idea after we	
the state of the s	quite our job or leave that time	
The state of the s	we implement that planning for	
	our own goods.	
	in the property of the propert	
alternative of American	various means available (after) for	
	retirement planning.	
	in Pennsion	
	1) when people do job that time at	
	d certain time period they have	
	tooth retire rules from the	
	time after rement some company	
	and the state of the same than the same	
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	Smt. Kashibar Vadgaon (Rk.) Pure	60
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Topic:

retirenment policy: Health insurance.
Life Insurance policy, Pension, Home
allowance this kind of various means available for retirenment planning.

A) Health insurance :before we retire we should have to claim for the Health insurance it is very useful for our daily life if we very il 4 we can't affort Hospital bills that time Health insurance use after retire.

B) Life Insurance Policy!-life Insurance policy is also use in retirement planning because if something happen you when retire that time LIC is use ful for their family this policy money help for their financial

1) Pension !-

Pension is now daily comment sector, if we retire that time government give that person to the pension for every

Month that pension means allowances which government give us for our future secure.

D) Home allowance:

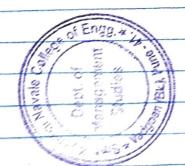
when a employee retire that time they gave also home allowance but it's depend on company.

This are various means available for retirement planning which government or company gave us for our future secure.



HEAD

Dept. of Management Studies Smt. Kashibai Navale College of Engg Vadgaon (Bk.), Pune - 411 041.





Sinhgad Technical Education Society's Smt. Kashibai Navale College of Engineering

Department of Engineering Sciences

2.5.2 **Record of Grievances**

Index

S.N.	Academic Year	Content
1	2022 – 23	Mark StatementProof of action taken
		Student Application



HOD (Department of Engineering Sciences)

Head of Department Engineering Science Department Smt. Kashibai Navale College of Engineering, Vadgaon, Pune - 41.



Smt. Kashibai Navale College of Engineering

S.No. 44/1, Vadgaon (BK), Off. Sinhgad road, Pune 411041

Department of Engineering Sciences

RECOMMENDATION FOR CORRECTION IN MARKS

Date-21/07/2023

Academic year- 2022-23

Examination: Unit Test I / Prelim

Year: F.E.

Semester- I & II

Sr. No.	Name of Student	Roll No. /Divisi on	Name of Subject	Marks before grievance submitted by student	Marks after addressing grievance	Recommendation Change/ No change
1	Ashish S. Kenjale	14	EM	19	22	Change
2	Gaurav N. Sonawane	8	BEE	30	30	No Change

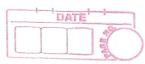
Internal Exam Coordinator

FE Department of Engineering Science Science States on (8k), Pune Market Science Scien

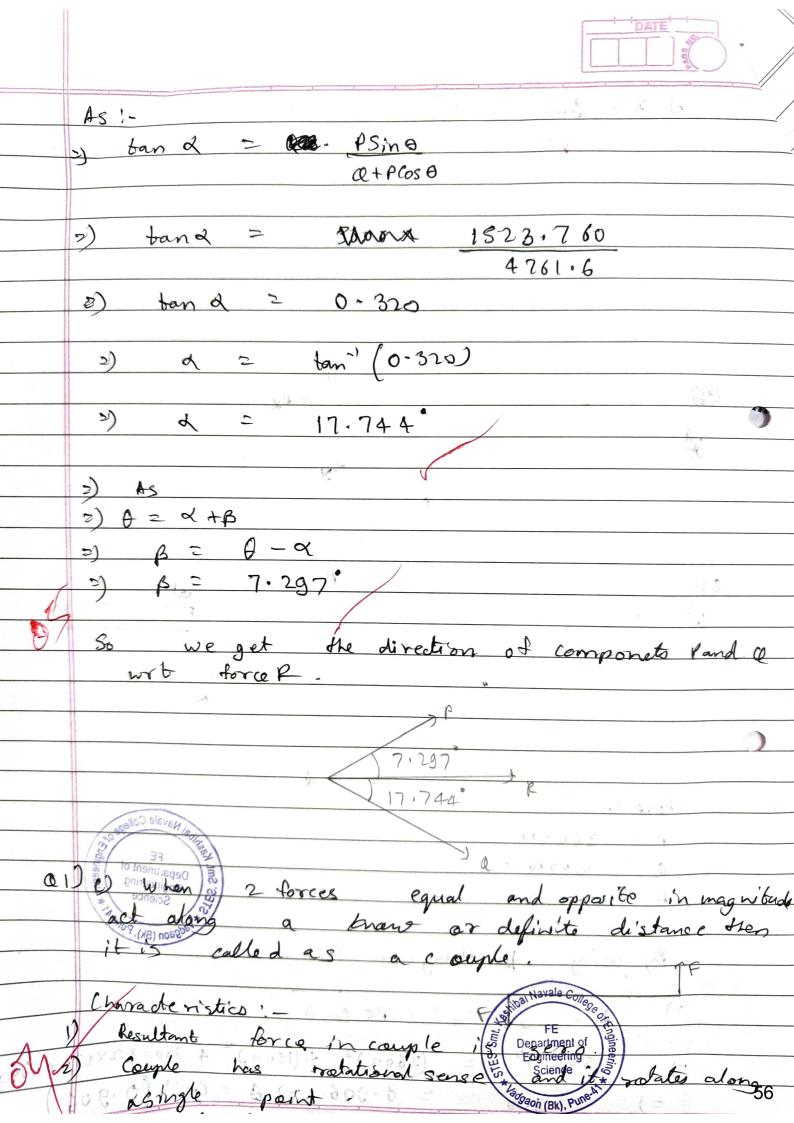
Prof. M. S. Alandkar HOD

(Department of Engineering Sciences)

Head of Department
Engineering Science Department
Smt. Kashibai Navale College
of Engineering, Vadgaon, Pune - 41.



	Name: - Ashish Surgakant Kenjale	
	Name: - Ashish Surgakant Kenjale Roll: No: - FI1246	R) (1)
	Exam No: - F190360029	p.p.yelpali
	Sub: - Eng. Mechanics Date: 16[05] 2023	1611
	Div :- 14	
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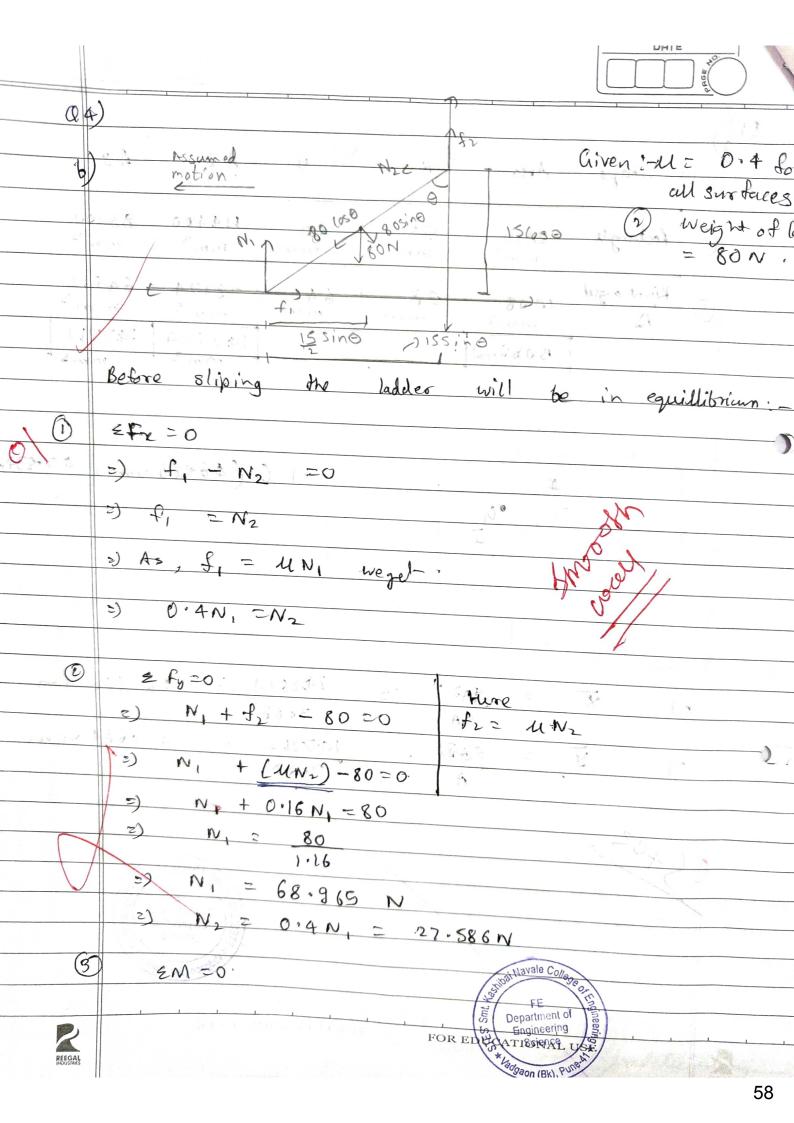
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2	The second secon	CATIONAL USE
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Smt. Kashibai Navale College of Engg., Pune – 41

Department of Engineering Sciences

Date: 101, (122

Name and Sign of the student

(A.S. Kenjale

Remark of Subject Teacher: Marks changed, from 19 to 22.

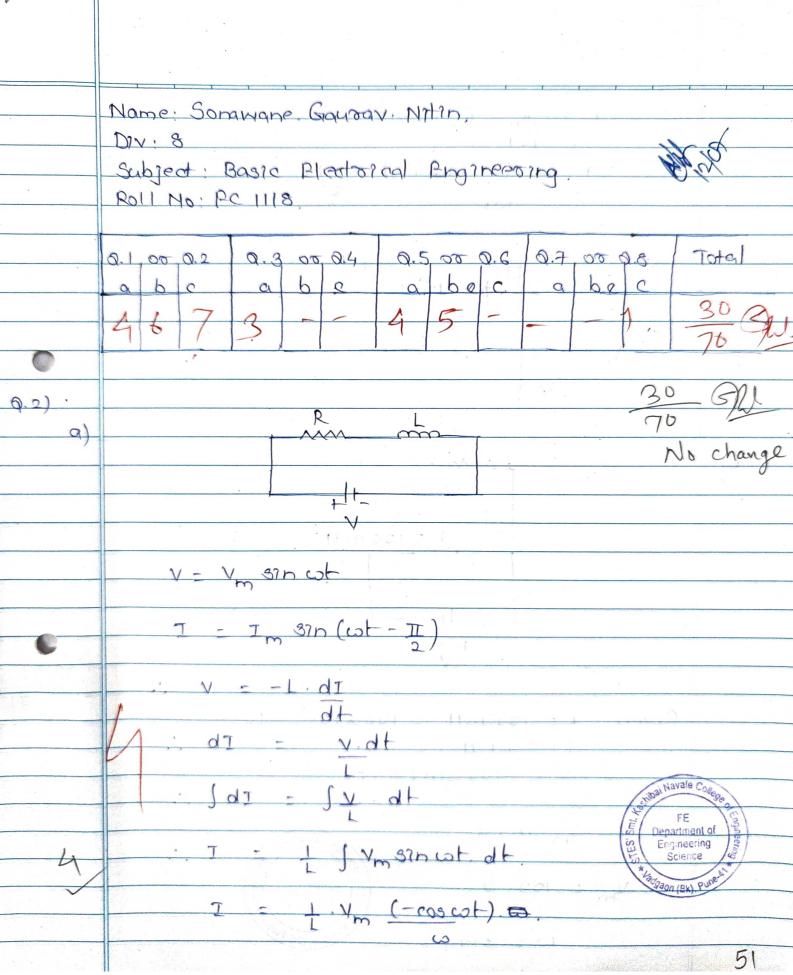
(QueNo 29-table marks increased by 3) Decimal point Variation in answer hence marks were not considered)

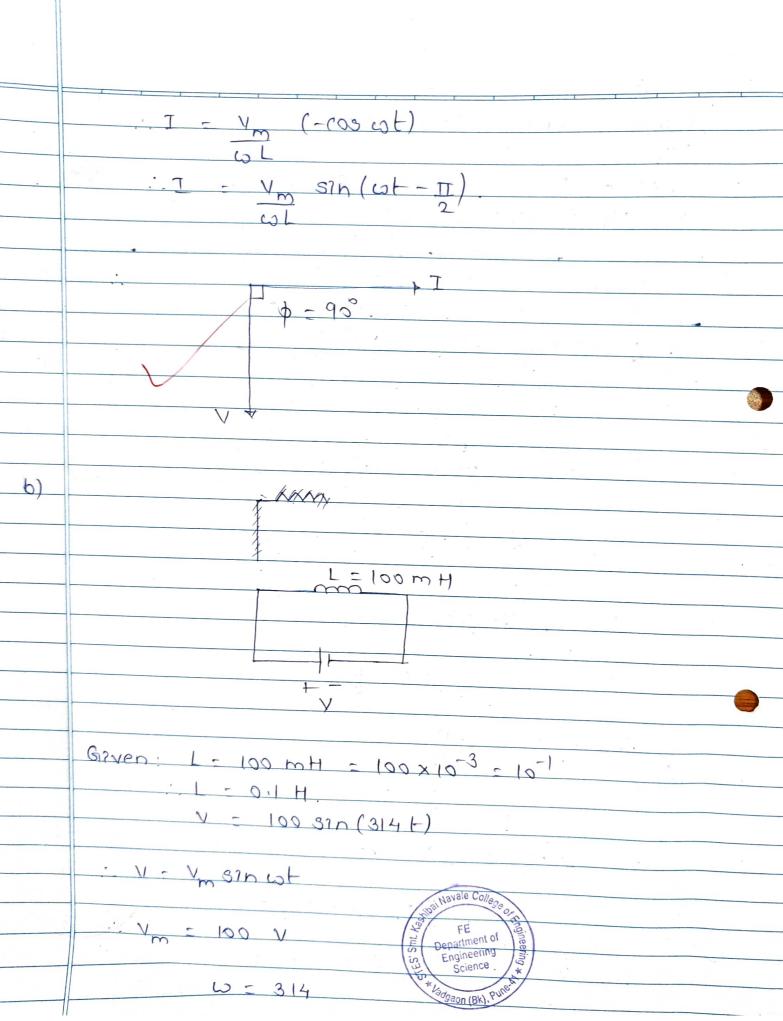
Subject Teacher Ms. N. B. Patil

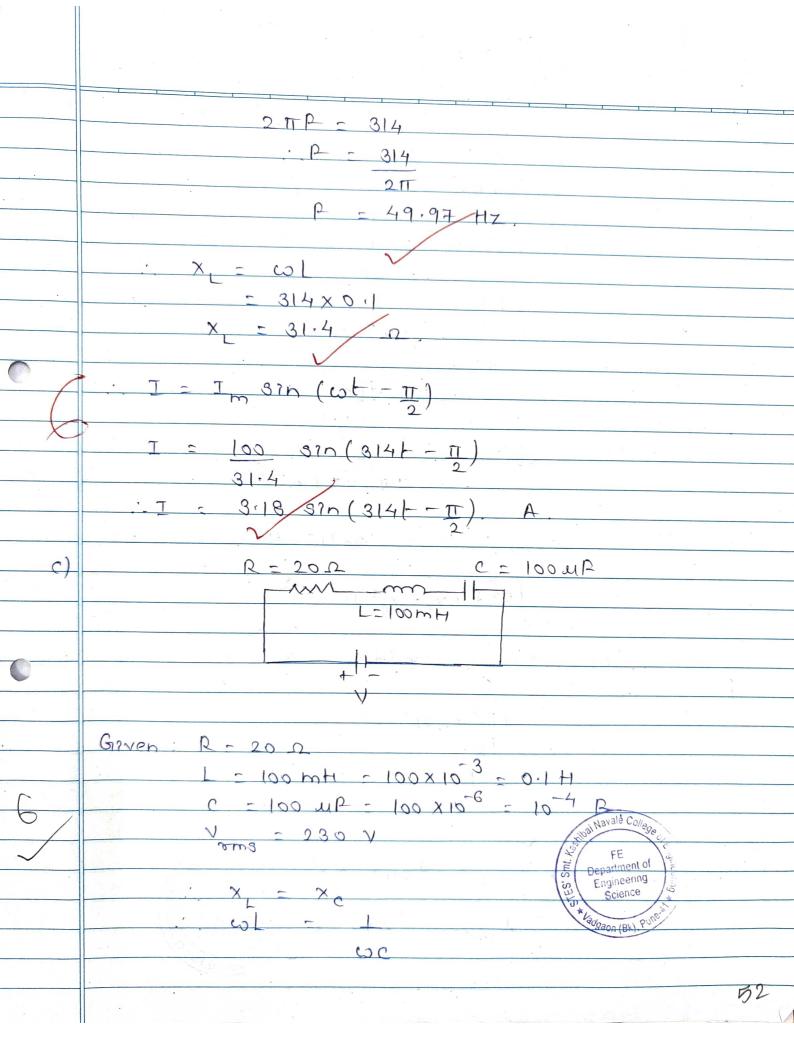


Exam Co-ordinator.

)



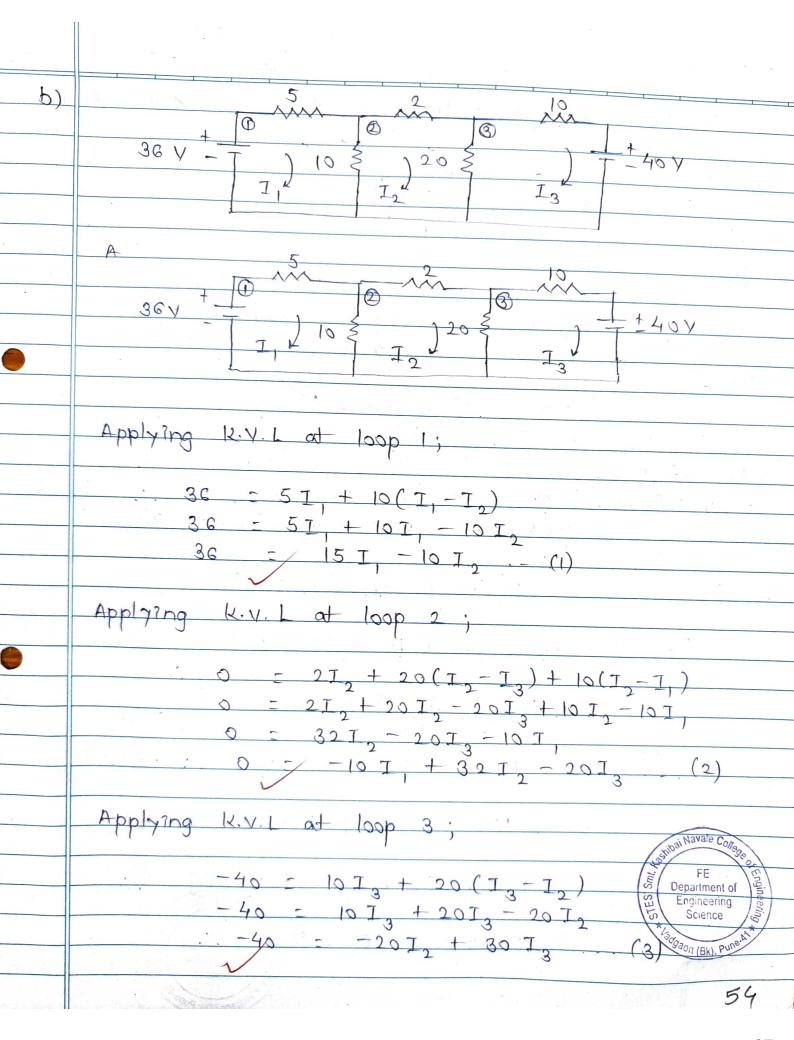




· 62 - 1 (2HP)2 - 1 4112 /2 - 1 2 1 VO:1 X 10-4 P = 0-316 H7 50-36 HZ 7 - JR2 + (x - x 2) . At resonance condition; X = Xe 7 - JR2+(0)2 7 - VR2 7 - R 7 7 20 0 Ix emo = emo 7 - 230 -

9.4) a) I) Apparent Poince (3): It is the actual Pomer doawn consumed by the crocuit. It is denoted by 3. 3- V. I . It's unit is volt-Ampère (VA) 2) Readive Pouro (P). It is the product of supplied voltage and reactive component of current (I cosp) .. P = V. (I rosp) = VI rosp, It is denoted by P It's unit is watt (W). 3) Readine Power (2): It is the product of supplied voltage and rea 1) Active Power (3): It is the actual Power drawn/ consumed by the crocurt. It is denoted by 3. S = V. I . It's unit 13 Volt-Amperoe (VA) 2) Active Power (P): It is the product of supplied voltage and active component of "current (I. cost) · P - Y (I cosp) = P - VI cosp. It is denoted by P. It's unit 29 Holt Watt (W). 3) Reactive Power (Q): It is the product of supplied voltage and Reactive component of current (I-sing) 0 = V (I 97np) = V. I. 97np. It is denoted by a It's unst 23 VAR. Department of Engineering

,	
9.5)	
9)	?) Active Network: The network in which there is at least one voltage source or current source is called as Active Network.
	R
	- Charles Hand of Hand
	37) Passive Network. The notwork in which there of
	The part of the pa
	1 2001 AG [1/10.1/2]
	is no voltage and most in which there
181,0°75	as Passive Network.
1	B 1
	- m
	The second secon
	?) Unilatoral: The network in which the current
	network (3 malled as unilateral
4	77) Briatoral The potronals
	in both the direction is called as Bilateral Methods
	Strotegal Network



By solving above three equations simultaneously we I, - 2.251 A; = -0.222 A; = -1.481 A current ton throug 2 2 rosistance - $I_1 - I_2 - I_3 - 2.251 - (-0.222) - (-1.481)$ = 3.954 A 7 - 3.954 A. 0.8) Given: At 2000 R= 100 AL 000 RTC = d = 0.004/00 R - R - R - R (7 - T) $R_2 = R_1 + R_1 \times (T_2 - T_1)$ R - R [1 + 2 (T2-T1)] 10 = R, [1 + 0.004 (20-6)] 10 = R, [1+0.004 (20)] P X () PE Pepartment of Engineering

68

R - 10 = 9.259 0 1.08 ?) RTC at 20°C; R - R = R, Q (T, -T,) 10-9.259 - 9.259 x x. (20-0) 0.741 - 9.259 x x x 20 d = 0.741 d = 4.001 x 10-3 RTC at 20 °C ?3 4.001 x 10-3/0C ??) Resistance of wive at 50°C $\frac{R_2-R_1}{R_2}-\frac{R_1}{R_1}\propto \frac{R_1}{R_2} \propto \frac{R_1}{R_2} \propto$ R -10 = 10 x 4.001 x 10-3 x (50-20) · R -10 = 10 x 4.001 x 10-3 x 30 R2 -10 = 1.2003 R₂ = /1.2003 n. 77?) The temperature at which registance increases to 15 0 55

 $R_2 - R_1 = R_1 \vee (T_2 - T_1).$ 15-10 = 10 x d x (T, -20) :.15-10 = 10 x 4.001 x10-3 x (T2-20) 5 - 10 x 4.001 x 10-3 x (72-20) 5 = 0.04 x (7, -20) $T_2 - 20 = 125$ 7 - 145°C 02) c) Pomero Rador (P.P) - cosó . P. P = 1



Smt. Kashibai Navale College of Engg., Pune - 41

Department of Engineering Sciences

23

Date: 14/07/202
To,
The Subject Teacher,
FE Engineering Science,
Sub: Regarding grievance in Unit Test/Prelim Exam Marks
Respected Sir/Mam,
I, Sonawage Gauray Nitin student of
First year, division Roll no FC1118 appeared UT-I/UT-
II/Prelim examination of Subject
The marks secured by me in the said exam are I have grievance

This is my kind request to subject teacher to kindly address my grievance related to marks secured in the said subject examination.

related to marks secured in the said subject examination.

Name and Sign of the student

Quarar

G. N. Sonawane

Remark of Subject Teacher: No change

Subject Teacher

R.B. Shirsoth



Majore N.P Exam Co-ordinator.