



SRI RAMAKRISHNA ENGINEERING COLLEGE

[Educational Service: SNR Sons Charitable Trust]

[Autonomous Institution, Reaccredited by NAAC with 'A+' Grade]

[Approved by AICTE and Permanently Affiliated to Anna University, Chennai]

[ISO 9001:2015 Certified and all eligible programmes Accredited by NBA]

Vattamalaipalayam, N.G.G.O. Colony Post, Coimbatore – 641 022



PROBLEM SOLVING METHODOLOGIES

ICT ENABLED TOOLS

MECHANICAL ENGINEERING



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DEPARTMENT OF MECHANICAL ENGINEERING

Sample Google Classroom Link

S.No.	Name of the Faculty	Webex Link
1	Dr.VAmarnath	https://www.youtube.com/watch?v=FZmBQRmDgIc&t=10s TOPIC 5S Factory Makeover Preview
		https://www.youtube.com/watch?v=LoDs8tBcQvQ TOPIC KAIZEN A Japanese Philosophy for Continuous Improvement (PDCA Cycle)
		https://www.youtube.com/watch?v=fcBXtwGexNc&t=56s TOPIC KAIZEN The Secret behind Japanese Productivity
		https://www.youtube.com/watch?v=cAUXHJBB5CM TOPIC Just in Time by Toyota
		https://www.youtube.com/watch?v=AbbNCY9FVao TOPIC Poke Yoke Example
		https://www.youtube.com/watch?v=gpBUZZnoZTI TOPIC Demings 14 Points

Sample Webex Platform Link

S.No.	Name of the Faculty	Webex Link
1	Mr.M.Mahendran	Webex training session recording: 16ME 216 Thermal Engineering-20200825 0836-1 Password: cRNJQ3K5 Recording link: https://snrsrec.webex.com/snrsrec/lsr.php?RCID=662f4aa8ce994022b161b0b5d54ff16d
		Webex training session recording: 16ME 216 Thermal Engineering-20200831 0406-1 Password: Sd2XhDQn Recording link: https://snrsrec.webex.com/snrsrec/lsr.php?RCID=71fd4f6ff3844f08beeea

		109867ee620
2	Mr.B.Brailson Mansingh	Webex training session recording: 16ME215 Dynamics of Machinery-20200902 0401-1 Password: ZuJuhMS2 Recording link: https://snrsrec.webex.com/snrsrec/lsr.php?RCID=352556063d624da5904354b5a165d102
		Webex training session recording: 16ME215 Dynamics of Machinery-20200909 0358-1 Password: 7VyRu6Ph Recording link: https://snrsrec.webex.com/snrsrec/lsr.php?RCID=a2099eab9cb140d692e2f38841266f21
3	Mr.M.Ramesh	Webex training session recording: 16ME217- FINITE ELEMENT METHOD-20200904 0401-1 Password: Rt5ppJZm Recording link: https://snrsrec.webex.com/snrsrec/lsr.php?RCID=ef4789f64c6844b28221b513f695c683
		Webex training session recording: 16ME217- FINITE ELEMENT METHOD-20200911 0402-1 Password: 36HhKqkJ Recording link: https://snrsrec.webex.com/snrsrec/lsr.php?RCID=6999ae548cc54b7f8470be4e76299fd2

Sample Google Class room Link

S.No.	Name of the Faculty	Google Class room Link
1	Dr.V.Amarnath	https://classroom.google.com/c/MTMzNDA5MTcxMDQ1?cjc=7kt2uda https://classroom.google.com/c/NTQ0MDQzNjk3MDkw?cjc=2q4zbtbf https://classroom.google.com/c/NDg0NjE0NjY5MzU1?cjc=nrnh6q4
2	Dr.N.Gunasekaran	https://classroom.google.com/c/MjYwOTk5NDQ3NTIw?cjc=56n4ojk https://classroom.google.com/c/MTE2MTk4MTIzMzMDMz?cjc=fdkqbgt

Sample QUIZZZ

QUIZZZ 27.08.2020 MSS1 (Protected View) - Excel (Product Activation Failed)

PROTECTED VIEW Be careful—files from the Internet can contain viruses. Unless you need to edit, it's safer to stay in Protected View. [Enable Editing](#)

Quizizz: Dr M S Sureshkumar's Test on Work study

Quizizz: Dr M S Sureshkumar's Test on Work study						
Quiz started on: Thu 27, Aug 10:09 AM Total Attendance: 33 Average Score: 8407						
Questions	Class Level			1704105-Kissanhari S V (Kissanhari Sv)	1704135 - Navin S.R (Navin Raghu)	170404 HARSHAVA
	# Correct	# Incorrect	# Unattempted			
Work study consists of	19	4	10	All of the above	All of the above	All of the above
Work study examines	21	4	8	both 'a' and 'b'	both 'a' and 'b'	both 'a' and 'b'
Work study is also recognised as	20	3	10	both 'a' and 'b'	both 'a' and 'b'	both 'a' and 'b'
The correct order of procedure in method study is	12	13	8	Select – Record – Examine – Develop – Define – Install	Select – Record – Examine – Develop – Define – Install	Select – Record – Examine – Develop – Define – Install
The following factor(s) must be considered while selecting the work for method study	20	4	9	All of the above	All of the above	All of the above

Class Level Player Level

TQM 04.09.2021 MSS2 - Excel (Product Activation Failed)

Quizizz: TQM Quiz 4

Quizizz: TQM Quiz 4						
Quiz started on: Sat 04, Sep 11:18 AM Total Attendance: 55 Average Score: 4601						
Questions	Class Level			1904156-Ranjith**	1904010-Adshay.G	1904055-Subram
	# Correct	# Incorrect	# Unattempted			
Total Quality Management Focuses on	31	21	3	Both (a) & (b)	Both (a) & (b)	Customer
Which of the following Is responsible for quality objective?	19	32	4	Top level management	Top level management	All of the above
TQM & ISO both focuses on	21	31	3	Customer	Customer	Customer
While setting Quality objective, _____ to be considered.	47	6	2	Customer need	Customer need	Customer need

Class Level Player Level

Sample NPTEL videos used

1.

Quality Management-Basics and Concepts

videoplayback (1).mp4 - VLC media player
Media Playback Audio Video Subtitle Tools View Help



NPTEL ONLINE CERTIFICATION COURSES

Six Sigma
Jitesh J Thakkar
Department of Industrial & Systems Engineering
Indian Institute of Technology Kharagpur

Quality Management: Basics and Key Concepts
Lecture 07

00:19 -35:03
Go to Settings to activate Windows

Type here to search

Quality Definitions

- Value or worthiness for money, etc.
- Fitness for use or purpose
- To do a right thing at first time and at right time
- Find and know what customer wants
- Features that consumer needs and give customer satisfaction
- Conformance to standards

08:32 -26:50
Go to Settings to activate Windows

Type here to search

10:56 06-10-2021

Quality Function Deployment (QFD)

videoplayback (5).mp4 - VLC media player

Media Playback Audio Video Subtitle Tools View Help

Lecture 11
Quality Function Deployment (QFD)

Activate Windows
Go to Settings to activate Windows

00:11 100% 10:58 06-10-2021

Type here to search

videoplayback (5).mp4 - VLC media player

Media Playback Audio Video Subtitle Tools View Help

QFD Four Phases

The diagram illustrates the four phases of QFD as a sequence of four interconnected boxes. Each box contains a house of quality structure. The first box is labeled 'Product Planning' and includes 'Customer Needs', 'Technical Characteristics', 'Relationships', and 'Target Values'. The second box is labeled 'Assembly/ Part Deployment' and includes 'Trade Offs', 'Part Char.', 'Tech. Char.', 'Relationships', and 'Target Values'. The third box is labeled 'Process Planning' and includes 'Processes', 'Part Char.', 'Relationships', and 'Proc. Param.'. The fourth box is labeled 'Process/ Quality Control' and includes 'Process' and 'Process & Quality Controls'. Arrows indicate the flow from one phase to the next.

Product Planning	Assembly/ Part Deployment	Process Planning	Process/ Quality Control
<ul style="list-style-type: none">✓ Define and prioritize customer needs✓ Analyse competitive opportunities✓ Plan a product to respond to needs and opportunities✓ Establish critical characteristics target values	<ul style="list-style-type: none">✓ Identify critical parts and assemblies✓ Flowdown critical product characteristics✓ Translate into critical part/ assembly characteristics and target values	<ul style="list-style-type: none">✓ Determine critical processes and process flow✓ Develop production equipment requirements✓ Establish critical process parameters	<ul style="list-style-type: none">✓ Determine critical part and process characteristics✓ Establish process control methods and parameters✓ Establish inspection methods and test parameters

swayam

Activate Windows
Go to Settings to activate Windows

17:43 100% 10:59 06-10-2021

Type here to search

Cost of Quality

videoplayback (3).mp4 - VLC media player

Media Playback Audio Video Subtitle Tools View Help



The slide features a yellow background with a blue geometric design on the left. At the top, there are three logos: the IIT Kharagpur logo, the Swayam logo (with the text 'FREE ONLINE EDUCATION' and 'swayam'), and the NPTEL logo. Below the logos, the text reads 'NPTEL ONLINE CERTIFICATION COURSES'. Further down, it says 'Six Sigma' and 'Jitesh J Thakkar', followed by 'Department of Industrial & Systems Engineering' and 'Indian Institute of Technology Kharagpur'. The main title 'Cost of Quality' is in red, with 'Lecture 09' below it. A small 'Activate Windows' watermark is visible in the bottom right corner.

00:15

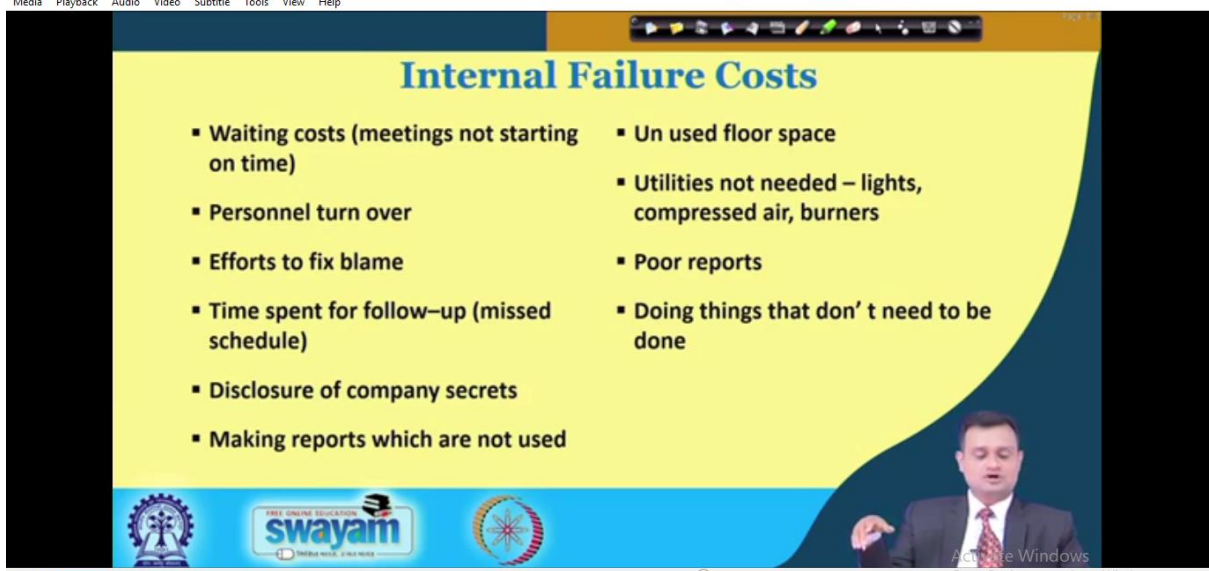
Go to Settings to activate Windows -30:37

Type here to search

11:01 06-10-2021

videoplayback (3).mp4 - VLC media player

Media Playback Audio Video Subtitle Tools View Help



The slide has a yellow background with a blue geometric design on the right. The title 'Internal Failure Costs' is in blue. Below the title, there are two columns of bullet points. The left column lists: 'Waiting costs (meetings not starting on time)', 'Personnel turn over', 'Efforts to fix blame', 'Time spent for follow-up (missed schedule)', 'Disclosure of company secrets', and 'Making reports which are not used'. The right column lists: 'Un used floor space', 'Utilities not needed – lights, compressed air, burners', 'Poor reports', and 'Doing things that don't need to be done'. At the bottom, there are three logos: the IIT Kharagpur logo, the Swayam logo, and the NPTEL logo. A small video inset in the bottom right corner shows a man in a suit speaking. A small 'Activate Windows' watermark is visible in the bottom right corner.

Internal Failure Costs

- Waiting costs (meetings not starting on time)
- Personnel turn over
- Efforts to fix blame
- Time spent for follow-up (missed schedule)
- Disclosure of company secrets
- Making reports which are not used
- Un used floor space
- Utilities not needed – lights, compressed air, burners
- Poor reports
- Doing things that don't need to be done

18:11

Go to Settings to activate Windows -12:41

Type here to search

11:02 06-10-2021

Seven QC Tools

videoplayback1.mp4 - VLC media player

Media Playback Audio Video Subtitle Tools View Help

Lecture 47 Seven QC Tools

00:11

Go to Settings to activate Windows


11:04 06-10-2021

videoplayback1.mp4 - VLC media player

Media Playback Audio Video Subtitle Tools View Help

Run Charts

- What is it?
 - Run Charts are representing change in measurement over a sequence or time
- How does it Work?
 - Gather Data
 - Organize Data
 - Measurements (y) must be confronted with time or sequence of the events.
 - Chart Data
 - Interpreting Data
- What is its use?
 - Determining Cyclic Events and there average character



Run Chart of Customer Complaints

Month	Complaints
Jan	4
Feb	3
Mar	6
Apr	5
May	5
Jun	8
Jul	2
Aug	4
Sep	3

16:46

Go to Settings to activate Windows

11:04 06-10-2021

INFORMATION TECHNOLOGY

QUIZZZARRAY-C
4 Questions

NAME : _____

CLASS : _____

DATE : _____

1. In array default index value starts with ____ value.

☐ A NULL☐ B -1☐ C 1☐ D 0

2. Which of the following array initialization is correct?

☐ A `int arr[3] = (1,2,3);`☐ B `int arr(3) = (1,2,3);`☐ C `int arr(3) = {1,2,3};`☐ D `int arr[3] = {1,2,3};`

3. What is the output of C Program.? `int main() { int a[]; a[4] = {1,2,3,4}; printf("%d", a[0]); }`

☐ A 3☐ B 1☐ C 2☐ D Compile time error

4. What is the output of C Program.? `int main() { char grade[] = {'A','B','C'}; printf("GRADE=%c, ", *grade); printf("GRADE=%d", grade); }`

☐ A GRADE=A, GRADE=some address of array ☐ B GRADE=some address of array, GRADE=A☐ C GRADE=A, GRADE=A☐ D Compiler error

S-1

Answer Key

1. d

2. d

3. d

4. a

Quizizz

ARRAY-C

Date: Wed Aug 04 2021 - 11:06 am

46

4












59

Accuracy %
(correct / total)

Number of Questions

Number of Players

Players

Rank	Player Name	Avg. Time	Score	Accuracy	Correct / Total	
1	2005118	14 secs	3330	• 100%	4 / 4	
2	2005151	25 secs	3010	• 100%	4 / 4	
3	2005101	10 secs	2750	• 75%	3 / 4	
4	2005106	10 secs	2730	• 75%	3 / 4	
5	2005156	30 secs	2090	• 75%	3 / 4	
6	2005153	24 secs	2040	• 75%	3 / 4	
7	2005139 . (2005139)	13 secs	1880	• 50%	2 / 4	
8	2005126	20 secs	1830	• 50%	2 / 4	
9	Sri Varshini (2005141)	13 secs	1820	• 50%	2 / 4	
10	Shanmathi Paramanandam (2005129)	16 secs	1800	• 50%	2 / 4	
11	2005132	17 secs	1750	• 50%	2 / 4	



Rank	Player Name	Avg. Time	Score	Accuracy	Correct / Total	
12	2005136	11 secs	1720	● 50%	2 / 4	<div><div></div></div>
13	2005150	15 secs	1710	● 50%	2 / 4	<div><div></div></div>
14	2005134	11 secs	1700	● 50%	2 / 4	<div><div></div></div>
15	2005143	14 secs	1670	● 50%	2 / 4	<div><div></div></div>
16	2005124	24 secs	1650	● 50%	2 / 4	<div><div></div></div>
17	SUJIT K (Sujit.mk)	21 secs	1580	● 50%	2 / 4	<div><div></div></div>
18	SWETHA IT-B (2005148)	21 secs	1530	● 50%	2 / 4	<div><div></div></div>
19	2005107	22 secs	1520	● 50%	2 / 4	<div><div></div></div>
20	2005102	25 secs	1470	● 50%	2 / 4	<div><div></div></div>
21	2005114	17 secs	1460	● 50%	2 / 4	<div><div></div></div>
22	2005127	27 secs	1460	● 50%	2 / 4	<div><div></div></div>
23	2005104	26 secs	1450	● 50%	2 / 4	<div><div></div></div>
24	2005105	29 secs	1390	● 50%	2 / 4	<div><div></div></div>
25	2005157	25 secs	1380	● 50%	2 / 4	<div><div></div></div>
26	2005158	35 secs	1340	● 50%	2 / 4	<div><div></div></div>
27	2005160. sriharikaran	20 secs	1310	● 50%	2 / 4	<div><div></div></div>
28	2005152	36 secs	1230	● 50%	2 / 4	<div><div></div></div>
29	2005117	21 secs	920	● 25%	1 / 4	<div><div></div></div>
30	2005103	19 secs	910	● 25%	1 / 4	<div><div></div></div>
31	Raghul TM	17 secs	910	● 25%	1 / 4	<div><div></div></div>
32	2005109	15 secs	900	● 25%	1 / 4	<div><div></div></div>

Rank	Player Name	Avg. Time	Score	Accuracy	Correct / Total
33	VISNU M.S (2005155)	16 secs	890	25%	1 / 4
34	2005128	9 secs	880	25%	1 / 4
35	2005123	21 secs	830	25%	1 / 4
36	2005116	20 secs	780	25%	1 / 4
37	Renish Guru (Renish 2005119)	20 secs	760	25%	1 / 4
38	2005128*	24 secs	750	25%	1 / 4
39	2005144.Sri varshini	18 secs	730	25%	1 / 4
40	2005140	27 secs	670	25%	1 / 4
41	38	35 secs	630	25%	1 / 4
42	2005154	38 secs	610	25%	1 / 4
43	2005111	28 secs	600	25%	1 / 4
44	Vishal T (Vishal)	35 secs	600	25%	1 / 4
45	2005133	33 secs	600	25%	1 / 4
46	2005142	21 secs	0	0%	0 / 4
47	2005110	2 secs	0	0%	0 / 4
48	Srinidhi,S	-	0	0%	0 / 4
49	NIVETHA	-	0	0%	0 / 4
50	Ramkumar J	-	0	0%	0 / 4
51	VISNU M.S (Visnu Raghav)	-	0	0%	0 / 4
52	Sindu 2005136	-	0	0%	0 / 4
53	2005116*	-	0	0%	0 / 4

NLP - List & Dictionary

8 Questions

1. What is the output of the following list operation?

```
<code>sampleList = [10, 20, 30, 40, 50]</code>
```

```
<code> print(sampleList[-2])</code>
```

```
<code> print(sampleList[-4:-1])</code>
```

15/19 **A** 40

[20, 30, 40]

4/19 **B** IndexError: list index out of range

2. Which of the following statements is true?

3/19 **A** Dictionary is a sequence of key-value pairs.

5/19 **B** Dictionary is an indexed collection of key-value pairs

11/19 **C** Dictionary is an unordered collection of key-value pairs

3. Which of the following objects is not a valid declaration for dictionary?

11/19 **A** dict = {(1,2):10}

6/19 **B** dict=[1, 2]:10}

2/19 **C** dict={1:10}

4. The items() method of dictionary returns _____

11/19 **A** list of tuples

3/19 **B** tuple of lists

0/19 **C** tuple of tuples

5/19 **D** list of lists

5. What will be the output of the following code?

```
nums = {"ONE":1, "TWO":2}
```

```
print(nums["One"])
```

11/19 **A** 1

2/19 **B** "ONE"

2/19 **C** Syntax error

4/19 **D** Runtime error

6. What is the output of the following list operation?

```
<code>alist = [10, 20, 30, 40, 50, 60, 70, 80]</code>  
<code> print(alist[2:5])</code>  
<code> print(alist[4])</code>  
<code> print(alist[3:])</code>
```

4/19 A [20, 30, 40, 50]

[10, 20, 30, 40]

[30, 40, 50, 60, 70, 80]

15/19 B [30, 40, 50]

[10, 20, 30, 40]

[40, 50, 60, 70, 80]

7. Dictionary keys must be immutable

19/19 T True

0/19 F False

8. What is the output of the following list function?

```
<code>samplelist = [10, 20, 30, 40, 50]</code>  
<code> samplelist.append(60)</code>  
<code>print(samplelist)</code>  
<code>samplelist.append(60)</code>  
<code>print(samplelist)</code>
```

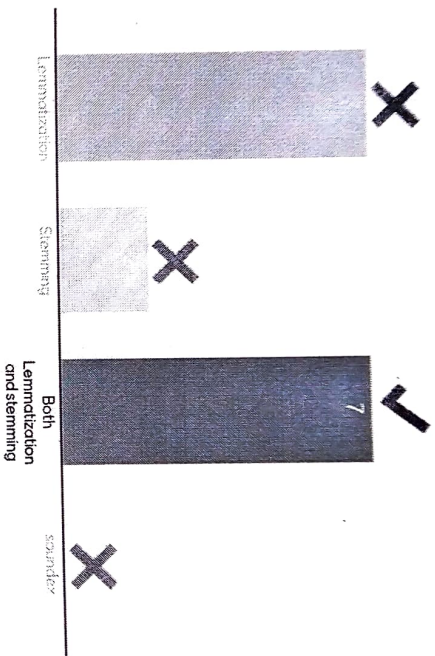
3/19 A [10, 20, 30, 40, 50, 60]

[10, 20, 30, 40, 50, 60]

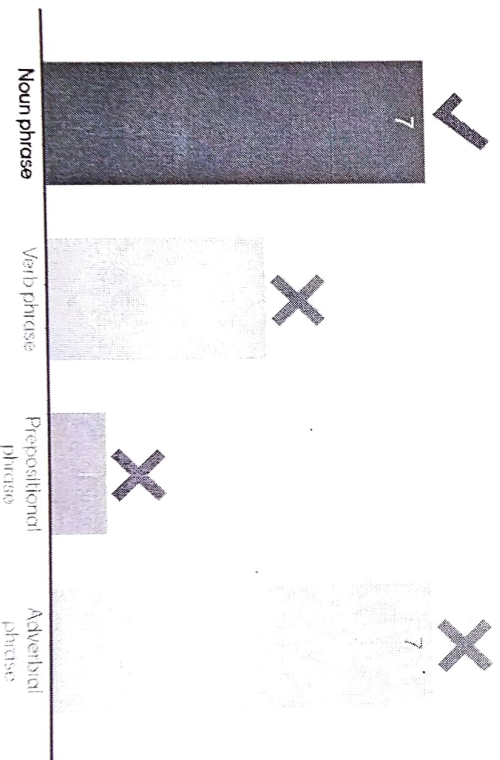
16/19 B [10, 20, 30, 40, 50, 60]

[10, 20, 30, 40, 50, 60, 60]

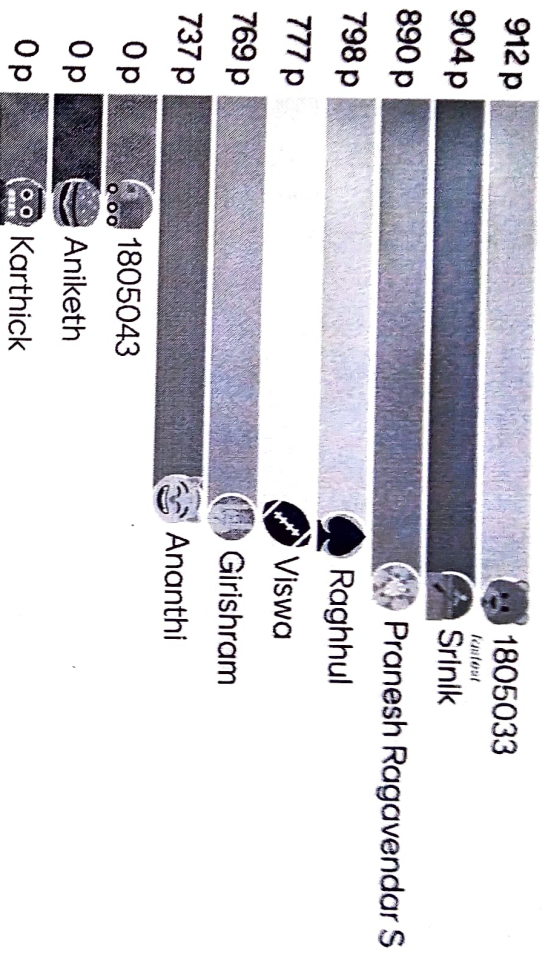
Which of the following techniques can be used for the purpose of keyword normalization, the process of converting a keyword into its base form?



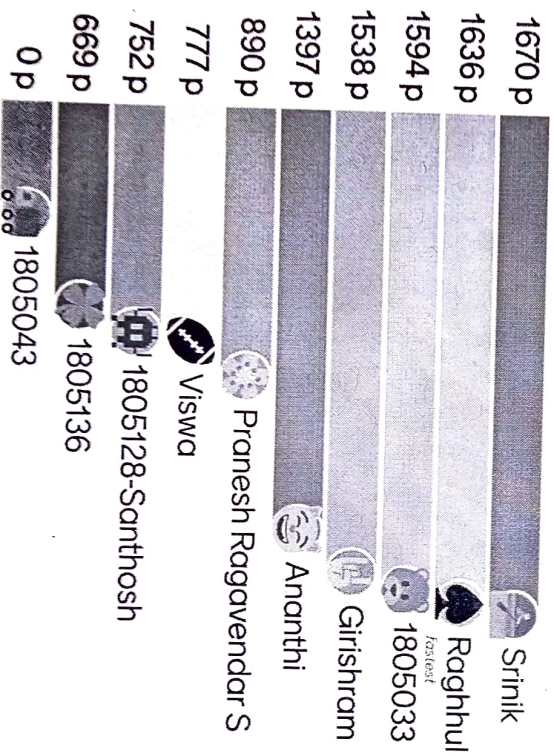
In the sentence, "I want a cute teddy for my birthday", the underlined part is an example of _.



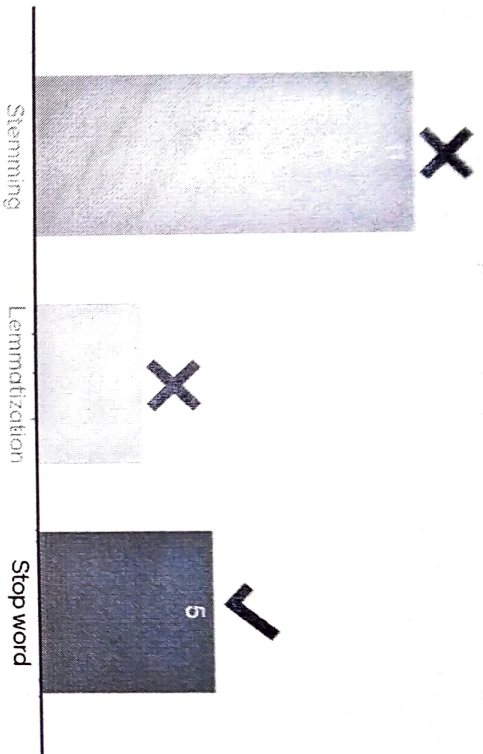
Leaderboard



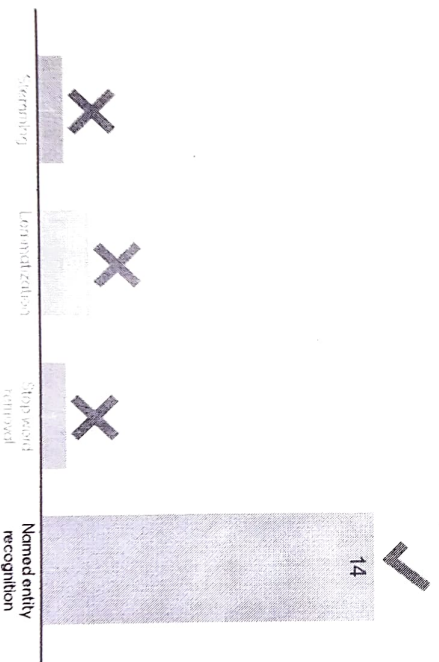
Leaderboard



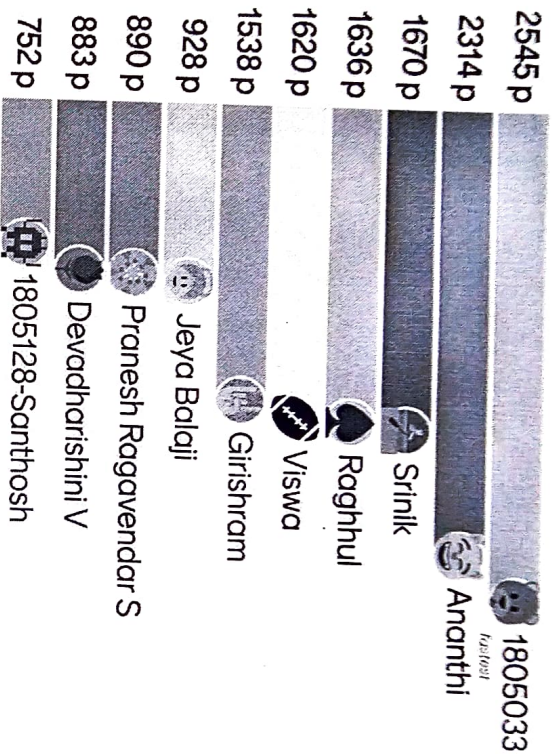
In NLP, The process of removing words like "and", "is", "a", "an", "the" from a sentence is called as ____



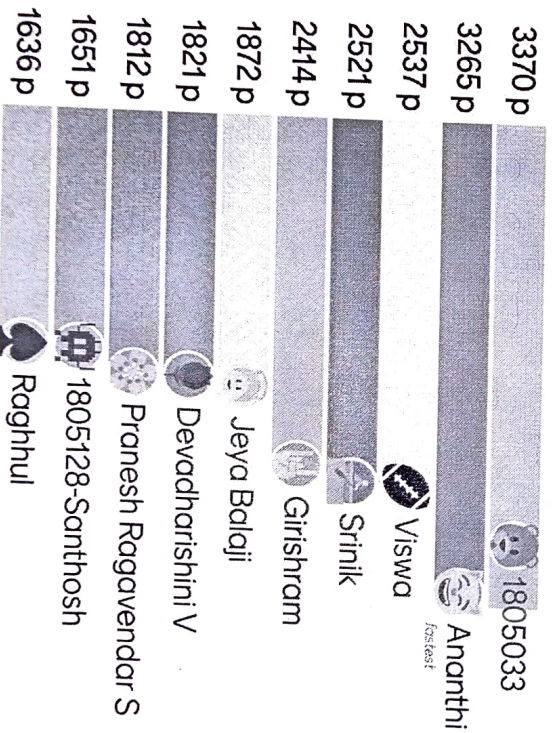
In NLP, The process of identifying people, an organization from a given sentence, paragraph is called ____



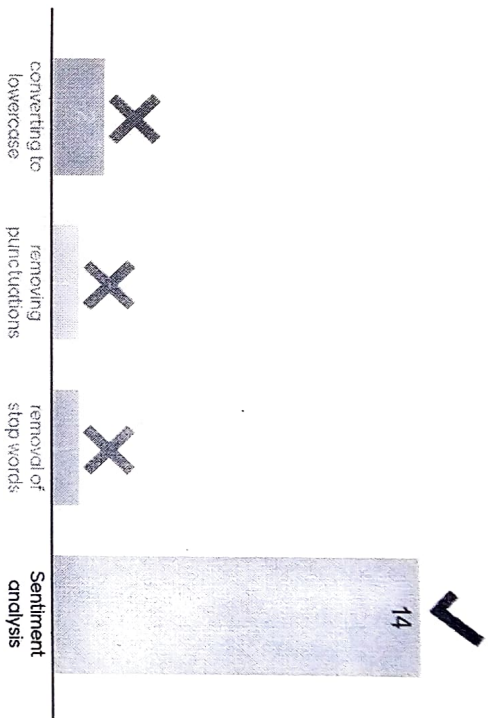
Leaderboard













Leaderboard



Which one of the following is not a pre-processing technique in NLP?



Leaderboard

4295 p		1805033
4210 p		Ananthi
3467 p		Viswa
3448 p		Srinik
3233 p		Girishram
2782 p		Jeya Balaji
2743 p		Devadharishini V
2533 p		1805128-Santhosh
2257 p		Raghul
1812 p		Pranesh Ragavendar S

ELECTRONICS AND INSTRUMENTATION ENGINEERING

Communication System Quiz -1

Live · Hosted by kayalvizhis

59%

Correct answers

19/52

Didn't finish

10

Need help

0

Difficult questions

Players (52)

Nickname	Rank	Correct answers	Unanswered	Final score
Siddharth	1	100%	0	9488
Sreelakshmi	2	100%	0	9252
RAmanan	3	90%	0	8378
shobi	4	90%	0	8377
Aishu	5	90%	0	8289
Sowndarya R	6	90%	0	8245
Vignesh	7	90%	0	8177
Kamali	8	90%	0	8170
Madhumith...	9	90%	0	8127
Abishek Sa...	10	90%	0	7822
Srimathi	11	80%	0	7592
sidharthpra...	12	80%	0	7479
Bala	13	80%	0	7418
Yazhini	14	80%	1	7341
S SRI SARAN	15	90%	0	7183
kaviarasan T	16	80%	0	7076
Karthikeyan	17	80%	0	7047
karthika	18	80%	1	7028
Mallika M	19	90%	0	6874

Nickname	Rank	Correct answers	Unanswered	Final score
1906023	20	80%	1	6684
Gayathri	21	70%	0	6519
Sowndarya N	22	70%	0	6442
Kishore	23	70%	0	6415
Nandagopal	24	70%	0	6318
Prabuu	25	70%	0	6272
RAJAVARM...	26	70%	0	6129
Sivaranjani	27	70%	0	6100
kirthana	28	70%	0	6094
Kiran	29	60%	0	5597
Prasanna	30	60%	0	5477
RahulIII	31	60%	0	5316
Subal	32	60%	0	5311
Nagulan	33	60%	1	4843
Mughil	34	70%	0	4824
Kavidharan	35	60%	0	4623
varsh	36	60%	1	4570
Deepthi	37	60%	2	4385
1906001	38	50%	0	4361
Dharshini	39	50%	1	3780
KARSIN	40	40%	2	2900
Aravindh	41	40%	1	2737
Ashaleshwa...	42	40%	6	2728
Barani	43	10%	0	972
H	44	10%	9	826
sanjay	45	10%	5	508
Balaji	46	0%	10	0
G	47	0%	10	0
Balaji.k	48	0%	6	0

Nickname	Rank	Correct answers	Unanswered	Final score
Rahull	49	0%	10	0
Thiru	50	0%	10	0
Abdul	51	0%	10	0
Rahulllll	52	0%	10	0

Questions (10)

	Question	Type	Correct answers
1	FM stands for	Quiz	46%
2	A sinusoidal signal is analog signal	True or false	67%
3	In electronic communications, "AM" st...	Quiz	73%
4	Which of the following quantities con...	Quiz	75%
5	Which of the quantity consists of SI u...	Quiz	65%
6	Which number system has a base of 16	Quiz	73%
7	PPM = PWM + Monostable multivibrat...	True or false	57%
8	Speed of data transmission in 4-G net...	Quiz	36%
9	PPM - Pulse Position modulation	True or false	63%
10	Modulation?	Quiz	38%

Communication systems test-2

Live · Hosted by kayalvizhis

41%

Correct answers

17/40

Didn't finish

13

Need help

3

Difficult questions

Players (40)

Nickname	Rank	Correct answers	Unanswered	Final score
Aishwariya	1	87%	0	6085
sidharthpra...	2	87%	0	6013
Kamali	3	87%	0	5842
Bala	4	75%	0	5632
Abishek Sa...	5	87%	0	5541
Sowndarya R	6	75%	0	5169
Gayathri	7	62%	0	4692
Dharshini	8	75%	1	4117
Karthikeyan	9	50%	0	3748
Ramanan	10	50%	0	3738
Kishore	11	50%	0	3548
Deepthi	12	62%	0	3535
Vignesh	13	50%	0	3528
POOJA	14	50%	1	3412
Sowndarya.N	15	50%	1	3341
Rajavarman	16	50%	0	3122
sanjay	17	62%	0	3097
Nandagopal	18	37%	0	2677
Aravindh	19	50%	1	2671

Nickname	Rank	Correct answers	Unanswered	Final score
susaanth	20	50%	3	2621
Prasanna	21	57%	0	2586
kaviarasan	22	57%	0	2469
Dhanush●	23	57%	1	2361
Saran	24	57%	1	2263
Karthika	25	57%	0	2206
Ashaleshwa...	26	57%	4	2044
Kirthana	27	57%	1	911
yazhini	28	25%	0	1804
Kavidharan	29	25%	1	1751
Prabhaa	30	25%	0	1659
Mallika	31	25%	1	1435
KARSIN	32	25%	3	1132
Nagulan	33	12%	2	843
Srimathi	34	12%	0	813
Sivaranjani	35	12%	0	549
Yazhini	36	0%	8	0
Shobika	37	0%	8	0
Sreelakshmi	38	0%	0	0
Siddharth	39	0%	5	0
Kiran	40	0%	3	0

Questions (8)

Question	Type	Correct answers
1 In _____ communication , the med...	Quiz	27%
2 In _____ communication transmissi...	Quiz	70%
3 _____ is equipment which convert...	Quiz	42%
4 A carrier wave carries information.	True or false	15%

4:00 PM

Kahoot!

Correct answers

	Question	Type	Correct answers
5	Radio broadcasts are generally	Quiz	62%
6	If the frequency of a wave 20 Hz, the ti...	Quiz	42%
7	Bandwidth = Lower cutoff frequency - ...	True or false	25%
8	FM and AM is two forms of Angular m...	True or false	50%

QUIZZZZ

Digital Signal Processing quiz 1
10 Questions

NAME : _____

CLASS : _____

DATE : _____

1. If $x(n)=a^n$ and $a=3$ then it is

☐ A Decaying Exponential

☐ C Growing Exponential

☐ B Two sided growing

☐ D two sided decaying

2. Identity the following system is $y(n)=x(-n)$

☐ A Dynamic or Non-causal

☐ C Static or Anti causal

☐ B Dynamic or Causal

☐ D Static or Causal

3. In Linear Convolution if $y(n)=x(n)*h(n)$ where $x(n)$ has M values and $h(n)$ has N values then $y(n)$ has

☐ A NM

☐ C N/M

☐ B N+M

☐ D N+M-1

4. The Number of samples present in the periodic signal $\cos(3\pi n)$ is

☐ A N=2 samples

☐ C N=5 samples

☐ B N=3 samples

☐ D N= 3/2 samples

5. Perform Signal multiplication for $x(n)=\{1,2,3,4\}$ and $y(n)=\{3,6,9,12\}$ is

☐ A $\{4,5,12,13\}$

☐ C $\{3,12,27,48\}$

☐ B $\{3,12,15,16\}$

☐ D $\{4,8,12,16\}$

6. The power value of the unit step discrete signal is

☐ A infinite

☐ C one

☐ B 0 to 1

☐ D zero

7. If the impulse response of LTI system is absolutely summable then it is called
- ☐ A Causal
- ☐ B non-causal
- ☐ C non stable
- ☐ D stable
8. A discrete-time system is called linear if only if it satisfies
- ☐ A non recursive principle
- ☐ B superposition principle
- ☐ C recursive principle
- ☐ D sampling theorem
9. In time scaling property of a signal when $\mu > 1$ then the output signal is called as
- ☐ A expanded signal
- ☐ B decaying signal
- ☐ C growing Signal
- ☐ D compressed signal
10. The sampling frequency is given by
- ☐ A $F = f_m$
- ☐ B $F \leq 2f_m$
- ☐ C $F \geq 2f_m$
- ☐ D $F < f_m$



Devasena Mohan

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Or refer and earn FREE
Super months

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Classes

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District Plans

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more

This quiz has ended

Share report

Assign homework

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quiz

Digital ..

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(a month ago)



Accuracy

10

Questions

64

Participant
Attempts

View
quiz

Flashcards

Live
Dashboard

Participants

Questions

Overview

Tags



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attempt

Sort By:

Score



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DEPARTMENT OF AERONAUTICAL ENGINEERING




2.3.2 Teachers use ICT enabled tools including online resources for effective teaching and learning process

	2021-2022
Interactive White Boards or Smart Boards	03 Subjects
Flipped Classrooms	----
Google Classroom	11 subjects (Proof Attached herewith)
Virtual Communication Tool	02 (Webex and Google meet)
Digital library	All students from II III & IV Year Aero accessing the Digital Library for Projects
SREC Student APP	All students from II III & IV Year Aero accessing the Student APP

Google class room code with link for 2021-2022

S. No	Faculty Name	Course Code and Title	Year and Batch	Google Classroom Code	Link
1	Dinesh C	20AE203 Aviation Management	I year and 2021 batch	amlvz66	https://classroom.google.com/u/0/c/NDg0Nzg5MDg4OTQ0
		16AE264 Aircraft Design Project	IV Year and 2018 batch	3xqxptq	https://classroom.google.com/u/0/c/MTE0OTYxNTYwNjY2
2	Velmurugan R	16ME217 Finite Element Method	III Year and 2019 batch	2cryp3x	https://classroom.google.com/c/Mzc0NDAwMTA1MzI5
		16AE259 Finite Element Analysis Laboratory	III Year and 2019 batch	tuvqqkv	https://classroom.google.com/c/Mzc2MTE0NTQ4Mzc3
3.	Robin Johny K	16AE214 Compressible Aerodynamics	III Year and 2019 batch	ke74cga	https://classroom.google.com/c/Mzc0NjMxNTkxMDEy
		16AE259 Computational Fluid Dynamics Laboratory	III Year and 2019 batch	l7gvyk6	https://classroom.google.com/c/NDc2MjE4NzkyNTg2
4.	Jayakumar R K	20AE209 Air Breathing Propulsion	II Year and 2020 Batch	rsu63ds	https://classroom.google.com/c/NDU2NDE0NTA1NDE0
5	Siva V	20AE206 Aircraft Systems	II Year and 2020 Batch	3g3kw47	https://classroom.google.com/c/Mzc1MTAxMTcyMzg1
		16AE221 Vibration and Aero Elasticity	III Year and 2016 Batch	6pmu6ij	https://classroom.google.com/c/NDg0NTU2NDQ1MDg2
6	Sivakumar P	16AE2E05 Industrial Aerodynamics	IV Year and 2018 batch	reu6cs3	https://classroom.google.com/c/MzcxNTg1NzE0NDg3
		16AE2E28 Vehicle Aerodynamics	III Year and 2019 batch	dntkbt	https://classroom.google.com/c/NDU3MDkyNDExOTE5


 Criteria Incharge
 C. Dinesh
 Ap(Sr.4) Aero. Engg.


 HoD/Aero 5/11/22