



Kalyani Charitable Trust's
Late G. N. Sapkal College of Engineering
Kalyani Hills, Anjaneri, Trimbakeshwar Road,
Nashik – 422 213



Notice

All S.E. students are hereby informed that the “Unit Test-I”, will be held from 5/02/2024 to 9/02/2024. Time table of unit test is displayed on notice board. After examination scheduled lectures and practical will be conducted on regular basis.

So all the students are requested to come to college in proper uniform along with their ID card on scheduled date for the examination without fail. Attendance is mandatory


Prof. J.S. Pawar
Class Test Co-Ordinator




Prof. (Dr.) N. R. Wankhade
Head of Computer Dept



Kalyani Charitable Trust's
Late G. N. Sapkal College of Engineering
Kalyani Hills, Anjaneri, Trimbakeshwar Road,
Nashik - 422 213



Notice

All T.E and B.E students are hereby informed that the "Unit Test-I", will be held from 22/01/2024 to 25/01/2024. Time table of unit test is displayed on notice board. After examination scheduled lectures and practical will be conducted on regular basis.

So all the students are requested to come to college in proper uniform along with their ID card on scheduled date for the examination without fail. Attendance is mandatory

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Department of Computer Engineering

Time Table of Unit Test: I

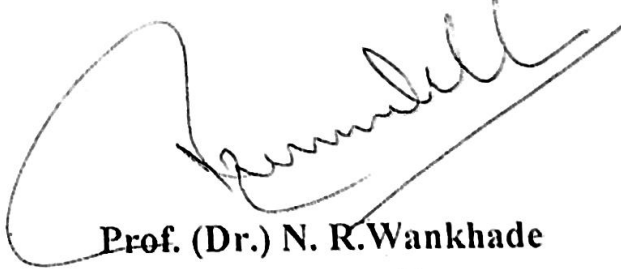
Class: S. E.

Semester: II
Session: 2023-24

Sr. No.	Subject	Date	Timming
1.	Engineering Mathematics-III(M-III)	5/02/2024	11.00 am-12.00pm
2.	Data Structures and Algorithms (DSA)	6/02/2024	11.00 am-12.00pm
3.	Software Engineering (SE)	7/02/2024	11.00 am-12.00pm
4.	Microprocessor (MP)	8/02/2024	11.00 am-12.00pm
5.	Principles of Programming Languages(PPL)	9/02/2024	11.00 am-12.00pm


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Department of Computer Engineering

Time Table of Unit Test: I

Class: T. E.

Semester: II
Session: 2023-24

Sr. No.	Subject	Date	Timming
1.	Data Science and Big Data Analytics (DSBDA)	22/01/2024	11.00 am-12.00pm
2.	Web Technology (WT)	23/01/2024	11.00 am-12.00pm
3.	Artificial Intelligence (AI)	24/01/2024	11.00 am-12.00pm
4.	Information Securities(IS)	25/01/2024	11.00 am-12.00pm


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Department of Computer Engineering

Time Table of Unit Test: I

Class: B. E.

Semester: II
Session : 2023-24

Sr. No.	Subject	Date	Timming
1.	High Performance Computing (HPC)	22/01/2024	11.00 am-12.00pm
2.	Deep Learning (DL)	23/01/2024	11.00 am-12.00pm
3.	Elective V-Software Defined Networks (SDN)	24/01/2024	11.00 am-12.00pm
4.	Elective VI-Business Intelligence(BI)	25/01/2024	11.00 am-12.00pm

Prof. J.S. Pawar
Class Test Co-Ordinator



Prof. (Dr.) N.R. Wankhade
Head of Computer Dept

Unit Test: I
Department of Computer Engineering

Course Name & Code: Data Structures and Algorithms (210253) (2019 course)

Date:

Course Teacher: Prof. V. R. Lele

Time: 1 hr.

Class: S.E. Computer

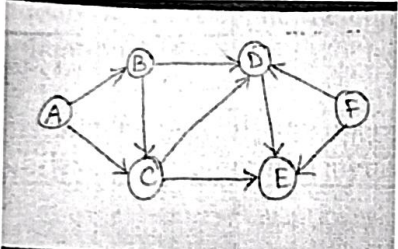
Semester: II, A.Y.: 2023-24

Max Marks: 20

Note: All questions are compulsory

Course Outcomes

CO1	To identify & articulate the complexity goals and benefits of a good hashing scheme for realworld applications.
CO2	To apply non-linear data structures for solving problems of various domain.
CO3	To design and specify the operations of a nonlinear-based abstract data type and implement them in a high-level programming language.

Q. No.	Question	Marks	CO	PO	B.L.
Q1	a) Define the following terms: (1) Hash function (2) Double hashing (3) Linear probing (4) Quadratic probing (5) re-hashing	5	1	1,2,3,4	1
	b) Create a hash table and resolve collisions using linear probing with and without replacement: 9, 45, 13, 59, 12, 75, 88, 11, 105, 46. Hash table size = 11 and Hash function = key mod 10	5	1	1,2,3,4	2
Q2	a) Develop pseudo code with one example to traverse a graph using BFS and DFS.	5	2,3	1,2,3,4	2
	b) Perform the topological sorting on the graph in the following fig. 	5	2,3	1,2,3,4	2





Kalyani Charitable Trust's

Late G. N. Sapkal College of Engineering, Nashik

Anjaneri, Tal - Trimbakeshwar, Dist - Nashik 422 213

Department of Computer Engineering**Unit Test-I Attendance****Subject: Data Structures and Algorithms (DSA) (210253)****Class: S.E.****Sem-II****Date:6/2/2024**

Roll No.	Name of Students	Sign	Roll No.	Name of Students	Sign
1	Ahamad Mo Faishal Haque Mo Shakir		40	Patil Pratik Anil	
2	Aher Darshan Nitin		41	Patil Sanjana Shailendra	
3	Ahire Anand Samadhan		42	Patil Yash Kishor	AB
4	Anasune Gauri Digambar		43	Patil Yogesh Jayram	AB
5	Avhad Akshada Tukaram		44	Pawar Darshan Rajendra	
6	Bachhav Akshita Mahendra	AB	45	Pawar Siddharth Anantrao	AB
7	Bagul Laukik Dilip	AB	46	Sawant Chetan Shantilal	AB
8	Bari Ajinkya Hiralal	AB	47	Shaikh Mohsin Sohrab Ahmed	
9	Bhamare Palavi Chandrakant	AB	48	Sharma Abhishek Manoj	
10	Bhavale Rajashree Vishnu	AB	49	Shelke Rutuja Sunil	
11	Bhole Komal Ravindra	AB	50	Shinde Pankaj Prakash	PPShinde
12	Chatur Dhanshree Mukund	AB	51	Shirsath Krushna Pandharinath	
13	Chavan Om Avinash	AB	52	Singh Nitinkumar Naveen	
14	Choudhari Vidya Sandip		53	Singh Prashant Rajesh	AB
15	Deore Akshay Mohan		54	Sonawane Gauri Pravin	
16	Gadhe Aniket Dhanraj	AB	55	Sumrao Darshan Arun	
17	Gage Vishal Maruti		56	Suryavanshi Sakshi Ravindra	AB
18	Gavit Kalpesh Ramesh	AB	57	Tambe Tanish Ashok	
19	Ghare Abhijit Sanjay		58	Tare Ganesh Gorakh	
20	Girase Rushikesh Anandsing		59	Thakur Jaykumar Nitin	
21	Girase Saurabh Jitendra		60	Thorat Manoj Rajendra	
22	Jadhav Govardhan Ashok		61	Vasaikar Tansvi Sharadchandra	AB
23	Jadhav Pranav Jaywant		62	Vasaikar Yash Ganesh	
24	Kakad Darshana Dinkar		63	Vidhate Yash Sachin	
25	Kaladgi Sheeban Ateeque	AB	64	Wagh Sujal Kamalakar	AB
26	Kalal Hitesh Dattatray		65	Waje Sagar Sanjay	
27	Kapale Gayatri Jitendra	AB	66	Shinde Pranav	AB
28	Lolge Siddharth Sudarshan	AB	67	Rishi Mishra	AB
29	More Aditya Ravindra		68	Bhavare Ruchita Javaharsingh	
30	Nair Vivek Ramadas		69	Potdar Pushkaraj	
31	Nathe Yuvraj Kamalakar		70	Bochare Samiksha Sandip	
32	Nimase Nidhi Pandurang		71	Date Pratham Jitendra	AB
33	Paithankar Chandrakant Dattatray		72	Gaikwad Satyesh Sunil	
34	Pandey Himanshi Pradeep		73	Deshmukh Mandar Prithviraj	
35	Pardeshi Shreya Sanjaysingh	AB	74	Davare Aarya Sachin	AB
36	Patil Abhijeet Dinesh		75	Jadhav Uday Kailas	
37	Patil Aniket Vijay		76	Landge Apurva Waman	AB
38	Patil Ayush Vijay		77	Nagpure Tejswini Pravin	
39	Patil Manish Arun	AB	78	Jagtap Dhairyashil Sunil	

Total No. Of Present Student: 50

Total No. Of Absent Student: 28

Prof. K.S. Mali
Supervisor

Prof. J. S. Pawar
Class Test Coordinator

Prof. (Dr.) N. R. Wankhade
Head of Computer Department





Kalyani Charitable Trust's
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Anjaneri, Tal - Trimbakeshwar, Dist - Nashik 422 213
Department of Computer Engineering



Unit Test-I Marksheet

Subject: Data Structures and Algorithms (DSA) (210252)

Class: S.E.		Sem-II		Date:	Marks
Roll No.	Name of Students	Sign	Roll No.	Name of Students	Sign
1	Ahamad Mo Faishal Haque Mo Shakir	11	40	Patil Pratik Anil	12
2	Aher Darshan Nitin	12	41	Patil Sanjana Shailendra	09
3	Ahire Anand Samadhan	08	42	Patil Yash Kishor	
4	Anasune Gauri Digambar	08	43	Patil Yogesh Jayram	
5	Avhad Akshada Tukaram	03	44	Pawar Darshan Rajendra	00
6	Bachhav Akshita Mahendra		45	Pawar Siddharth Anantrao	
7	Bagul Laukik Dilip		46	Sawant Chetan Shantilal	
8	Bari Ajinkya Hiralal		47	Shaikh Mohsin Sohrab Ahmed	12
9	Bhamare Palavi Chandrakant		48	Sharma Abhishek Manoj	12
10	Bhvale Rajashree Vishnu		49	Shelke Rutuja Sunil	04
11	Bhole Komal Ravindra		50	Shinde Pankaj Prakash	11
12	Chatur Dhanshree Mukund		51	Shirsath Krushna Pandharinath	01
13	Chavan Om Avinash		52	Singh Nitinkumar Naveen	10
14	Choudhari Vidya Sandip	06	53	Singh Prashant Rajesh	
15	Deore Akshay Mohan	02	54	Sonawane Gauri Pravin	07
16	Gadhe Aniket Dhanraj		55	Sumrao Darshan Arun	02
17	Gage Vishal Maruti	07	56	Suryawanshi Sakshi Ravindra	
18	Gavit Kalpesh Ramesh		57	Tambe Tanish Ashok	12
19	Ghare Abhijit Sanjay	08	58	Tare Ganesh Gorakh	02
20	Girase Rushikesh Anandsing	01	59	Thakur Jaykumar Nitin	02
21	Girase Saurabh Jitendra	01	60	Thorat Manoj Rajendra	11
22	Jadhav Govardhan Ashok	10	61	Vasaikar Tansvi Sharadchandra	
23	Jadhav Pranav Jaywant	11	62	Vasaikar Yash Ganesh	01
24	Kakad Darshana Dinkar	02	63	Vidhate Yash Sachin	06
25	Kaladgi Sheeban Ateeque		64	Wagh Sujal Kamalakar	
26	Kalal Hitesh Dattatray	07	65	Waje Sagar Sanjay	02
27	Kapale Gayatri Jitendra		66	Shinde Pranav	
28	Lolge Siddharth Sudarshan		67	Rishi Mishra	
29	More Aditya Ravindra	02	68	Bhavare Ruchita Javaharsingh	05
30	Nair Vivek Ramadas	02	69	Potdar Pushkaraj	07
31	Nathe Yuvraj Kamlakar	01	70	Bochare Samiksha Sandip	09
32	Nimase Nidhi Pandurang	09	71	Date Pratham Jitendra	
33	Paithankar Chandrakant Dattatray	04	72	Gaikwad Satyesh Sunil	11
34	Pandey Himanshi Pradeep	09	73	Deshmukh Mandar Prithviraj	07
35	Pardeshi Shreya Sanjaysingh		74	Daware Aarya Sachin	
36	Patil Abhijeet Dinesh	00	75	Jadhav Uday Kailas	10
37	Patil Aniket Vijay	08	76	Lange Apurva Waman	
38	Patil Ayush Vijay	00	77	Nagpure Tejswini Pravin	01
39	Patil Manish Arun		78	Jagtup Dhairyashil Sunil	10

Prof. V. R. Lele
Prof. V. R. Lele
Subject Teacher

Prof. J. S. Pawar
Prof. J. S. Pawar
Class Test Coordinator

Prof. (Dr.) N. R. Wankhade
Prof. (Dr.) N. R. Wankhade
Head of Computer Department





Kalyani Charitable Trust's
Late G. N. Sapkal College of Engineering

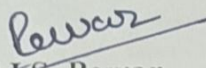
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Nashik – 422 213



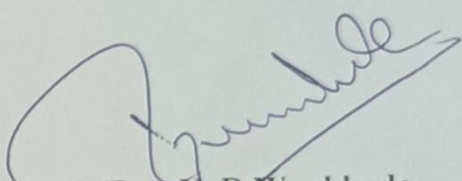
Notice

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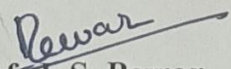
Department of Computer Engineering

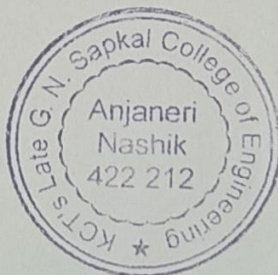
Time Table for Retest of Unit Test: I

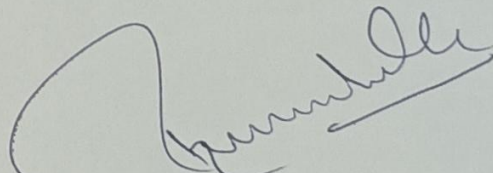
Class: S. E.

Semester: II
Session: 2023-24

Sr. No.	Subject	Date	Timming
1.	Engineering Mathematics-III(M-III)	16/02/2024	11.00 am-12.00pm
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3.	Software Engineering (SE)	18/02/2024	11.00 am-12.00pm
4.	Microprocessor (MP)	19/02/2024	11.00 am-12.00pm
5.	Principles of Programming Languages(PPL)	20/02/2024	11.00 am-12.00pm


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Retest of Unit Test: I
Department of Computer Engineering

Course Name & Code: Data Structures and Algorithms (210253) (2019 course)

Date:

Course Teacher: Prof. V. R. Lele

Time: 1 hr.

Class: S.E. Computer

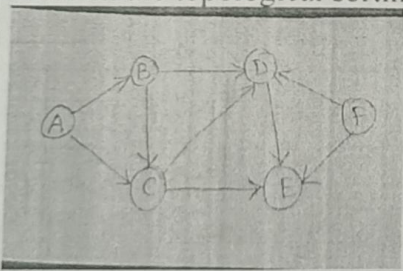
Semester: II, A.Y.: 2023-24

Max Marks: 20

Note: All questions are compulsory

Course Outcomes

CO1	To identify & articulate the complexity goals and benefits of a good hashing scheme for real world applications.
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Q. No.	Question	Marks	CO	PO	B.L.
Q1	a) Define the following terms: (1) Hash Table(2) Double hashing (3) Collision (4) Quadratic probing (5) re-hashing	5	1	1,2,3,4	1
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Q2	a) Develop pseudo code with one example to traverse a graph using BFS and DFS.	5	2,3	1,2,3,4	2
	b) Perform the topological sorting on the graph in the following fig. 	5	2,3	1,2,3,4	2





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Anjaneri, Tal - Trimbakeshwar, Dist - Nashik 422 213
Department of Computer Engineering
Retest of Unit Test-I Attendance



Subject: Data structures and Algorithms(DSA)(210252)

Class:S.E

Sem-II

Date:17/02/2024

Roll No.	Name of Students	Sign
6	BACHHAV AKSHITA MAHENDRA	
7	BAGUL LAUKIK DILIP	
8	BARI AJINKYA HIRALAL	
9	BHAMARE PALAVI CHANDRAKANT	
10	BHAVAL RAJASHREE VISHNU	
11	BHOLE KOMAL RAVINDRA	
12	CHATUR DHANSHREE MUKUND	
13	CHVAN OM AVINASH	
16	GADHE ANIKET DHANRAJ	
18	GAVIT KALPESH RAMESH	
25	KALADGI SHEEBAN ATEEQUE	
27	KAPALE GAYATRI JITENDRA	
28	LOLGE SIDDHARTH SUDARSHAN	
35	PAEDESHE SHREYA SANJAYSINGH	
39	PATIL MANISH ARUN	
42	PATIL YASH KISHOR	
43	PATIL YOGESH JAYRAM	
45	PAWAR SIDDHARTH ANANTRAO	
46	SAWANT CHETAN SHANTILAL	
53	SINGH PRASHANT RAJESH	
56	SURYAWANSHI SAKSHI RAVINDRA	
61	VASAIKAR YASH GANESH	
64	WAGH SUJAL KAMALAKAR	
66	SHINDE PRANAV	
67	RISHI MISHRA	
71	DATE PRATHAM JITENDRA	
74	DAWARE AARYA SACHIN	
76	LANDGE APURVA WAMAN	

Prof. K. S. Mali

Supervisor

Prof. J. S. Pawar

Class Test Coordinator

Prof. (Dr.) N. R. Wankhade

Head of Computer Department





Kalyani Charitable Trust's

Late G. N. Sapkal College of Engineering, Nashik

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Department of Computer Engineering

Retest of Unit Test-I Marksheet

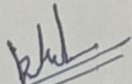
Subject: Data structures and Algorithms(DSA)(210252)

Class:S.E

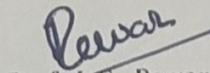
Sem-II

Date: 17/12/2024

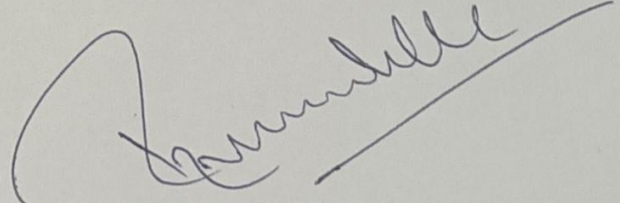
Roll No.	Name of Students	Marks
6	BACHHAV AKSHITA MAHENDRA	9
7	BAGUL LAUKIK DILIP	12
8	BARI AJINKYA HIRALAL	13
9	BHAMARE PALAVI CHANDRAKANT	10
10	BHAVAL RAJASHREE VISHNU	14
11	BHOLE KOMAL RAVINDRA	12
12	CHATUR DHANSHREE MUKUND	11
13	CHVAN OM AVINASH	12
16	GADHE ANIKET DHANRAJ	14
18	GAVIT KALPESH RAMESH	12
25	KALADGI SHEEBAN ATEEQUE	12
27	KAPALE GAYATRI JITENDRA	12
28	LOLGE SIDDHARTH SUDARSHAN	13
35	PAEDESHI SHREYA SANJAYSINGH	12
39	PATIL MANISH ARUN	11
42	PATIL YASH KISHOR	14
43	PATIL YOGESH JAYRAM	13
45	PAWAR SIDDHARTH ANANTRAO	12
46	SAWANT CHETAN SHANTILAL	11
53	SINGH PRASHANT RAJESH	12
56	SURYAWANSHI SAKSHI RAVINDRA	11
61	VASAIKAR YASH GANESH	13
64	WAGH SUJAL KAMALAKAR	14
66	SHINDE PRANAV	11
67	RISHI MISHRA	12
71	DATE PRATHAM JITENDRA	13
74	DAWARE AARYA SACHIN	11
76	LANDGE APURVA WAMAN	12


Prof. V.R. Lele

Subject Teacher


Prof. J. S. Pawar

Class Test Coordinator



Prof. (Dr.) N. R. Wankhade

Head of Computer Department

