



Hope Foundation's
International Institute of Information technology, Pune
DEPARTMENT OF COMPUTER ENGINEERING
Academic Year : 2018-19, Semester - I

I2IT / ACAD / CP / 07 Ver 01

Class : SE COMP

Day & Date : Thursday 19/07/2018

Max. Marks : 20

Max. Time : 01 Hours

CLASS TEST - I

- Instructions: i) All questions are compulsory.
ii) Figures to the right indicate full marks.
iii) Assume suitable data, if necessary.

- Q.1 A Prove by mathematical induction for $n > 1$, $\frac{1}{\sqrt{1}} + \frac{1}{\sqrt{2}} + \dots + \frac{1}{\sqrt{n}} > \sqrt{n}$. 05 M CO201.1
- Q.1 B Among the integers 1 to 300, find how many are not divisible by 3 nor 5. Also find how many are divisible by 3 but not by 7. 05 M CO201.1
- Q.2 A What are relations and functions. Given a relation $R = \{(1,4), (2,2), (3,10), (4,8), (5,6)\}$ check whether the following relations R_1, R_2 are a function or not. 05 M CO201.2
 $R_1 = \{(1,4), (2,4), (3,4), (4,4), (5,4)\}$ $R_2 = \{(1,2), (2,4), (2,10), (3,8), (4,6), (5,4)\}$
- Q.2 B Define the closure of relation. Discuss about the following closure properties with the examples: i) Reflexive Closure ii) Symmetric Closure iii) Transitive Closure. 05 M CO201.2



Hope Foundation's
International Institute of Information Technology, Pune
DEPARTMENT OF COMPUTER ENGINEERING
Academic Year: 2018-19, Semester - I

Class : SE COMP

Day & Date : 20/07/18

Block No.223

Max. Marks : 20

Max. Time : 01 Hours

Course: Discrete Mathematics

CLASS TEST - I Attendance

Roll No.	Name of Student	Signature
SC001	AASTHA SINHA	AB
SC002	ABHISHEK BORHADE	-
SC003	AGRAWAL NAKUL DIPAK	-
SC004	AGRAWAL SANIKA SHAILESH	<i>Sanika</i>
SC005	AJAY RAJESH AGRAWAL	<i>Ajay</i>
SC006	AMAN GUPTA	<i>Am Gupta</i>
SC007	ANCHARWADKAR MANDAR MAHESH	<i>Mandar</i>
SC008	ANUBHAV MATTOO	<i>Anubhav</i>
SC009	APOORVA RAY CHAUDHURI	AB
SC010	ASHEESH BALOTRA	<i>Ashish</i>
SC011	AYESHA MULLA	-
SC012	BAGUL NISHA BAPU	<i>Nisha</i>
SC013	BELWATE PARTH ASHOK	AB
SC014	BHOSALE MANASI MAHESH	<i>M.M. Bhosale</i>
SC015	CHORE SWAPNIL RAJARAM	<i>Swapnil</i>
SC016	DESAI SAURABH VIJAY	<i>Saurabh</i>
SC017	DHOKRAT SIDDHANT PRAKASH	<i>Siddhant</i>
SC018	GAJARMAL PRANAV VISHWAS	AB
SC019	GHODSE SWAPNIL ASHOK	AB
SC020	HARIP NEEL SUYOG	<i>N.S. Harip</i>
SC021	HATTIAMBIRE SNEHAL ABHIJEET	AB
SC022	HIMANSHU NAKKANWAR	<i>H.N.</i>
SC023	JADHAV MANDAR SOMNATH	-
SC024	JAGTAP SHRUSHTI SANTOSH	AB
SC025	JOSHI MEGHANA VIVEK	AB
SC026	JUNEJA RISHI GIRISH	-
SC027	KADAM AJIT SHESHRAO	AB
SC028	KANCHAN KUMAWAT	AB
SC029	KASIMAHANATHI VINAY	P
SC030	KASWA MANALI MANOJ	<i>Manali</i>
SC031	KAWADE ATHARVA SANJAY	P
SC032	KETAN KAGDA RAUT	AB
SC033	KHARE RUTUJ KULDEEP	<i>Rutuj</i>
SC034	KUMBHAR AJAY ARUN	<i>Ajay</i>
SC035	LODHA GAURI LALIT	<i>Gauri</i>
SC036	MUGDHA	AB
SC037	NARKHEDE ISHA JAYANT	AB
SC038	NEGI RIYA PREMSINGH	<i>Riya Negi</i>
SC039	NEGI YASH BALWANT SINGH	P
SC040	PATHAK ISHAAN LALITMOHAN	P
SC041	NEEL GANDHI	<i>Neel</i>
SC042	PAWAR SUDHANSHU DATTATRAY	AB
SC043	PILLAI MANU RAJENDRAN	<i>Manu</i>
SC044	CHAITHRA BHAT	<i>Chaitra</i>
SC045	RAHUL CHAKRABORTY	AB

Roll No.	Name of Student	Signature
SC046	RAJEEV RAMESH	Rajeev R.
SC047	RATHOD PRATIKSHA KEVALSINGH	Pratiksha
SC048	RAUT GARGEE NITEEN	Gargee
SC049	SAHASRABUDHE SARVESH SANDIP	Sarvesh
SC050	SAMLETI NIKHIL KRUSHNAHARI	Nikhil
SC051	SANJEEV KUMAR PATLE	Sanjeev
SC052	SHARVARI RAVI GADIWAN	Sharvari
SC053	SHINDE AMAN KUNDLIK	Aman
SC054	SHIVANI DESHMUKH	Shivani
SC055	SINGH SIDDHANT NAVIN KUMAR	Siddhant
SC056	SOLANKI ANKIT ANIL	Ankit
SC057	THOMAS ALLEN JOHN	Thomas
SC058	VANARSE AMIT RAMESH	Amit
SC059	VIKRAMJIT BANERJEE	Vikramjit
SC060	WALUNJKAR ADITYA SUDHIR	Aditya
SC061	AISHWARYA BIDKAR	Aishwarya
SC062	SRADHAA JAGTAP	Sradhaa
SC063	SONTAKKE SHANKY	Shanky
SC064	AVANI PATHAK	Avani
SC065	AKSHANSH KUMAR JAISWAL	Akshansh
SC066	VISHAL SAVADE	Vishal
SC067	RAHUL SHENDE	Rahul

No. Of Students Present: 44

No. Of Students Absent: 19

Total Strength: - 63

Name and Sign of Faculty Supervisor:

(S. R. Bhagwat)



12IT / ACAD / CP / 07 Ver

Hope Foundation's
International Institute of Information technology, Pune
DEPARTMENT OF COMPUTER ENGINEERING
Academic Year : 2018-19, Semester - I

Class : SE COMP

Day & Date : Thursday 23/08/2018

Max. Marks : 20

Max. Time : 01 Hours

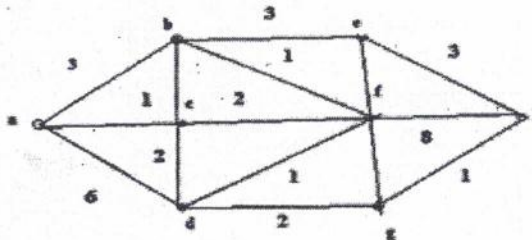
CLASS TEST - II

Instructions: i) All questions are compulsory.

ii) Figures to the right indicate full marks.

iii) Assume suitable data, if necessary.

- | | | | |
|-------|--|------|---------|
| Q.1 A | Explain the rule of sum & products with examples. | 05 M | CO201.3 |
| Q.1 B | i) Find out how many 5-digit number greater than 30,000 can be formed from the digits 1,2,3,4,5.
ii) Find the number of permutations which can be made with the letters of the word "ENGINEERING" | 05 M | CO201.3 |
| Q.2 A | Define the following graphs & give an example of each
i) Bipartite graph ii) Spanning Subgraph iii) Complement of a graph iv) Subgraph
v) Isomorphic graphs | 05 M | CO201.4 |
| Q.2 B | Apply Dijkstra's algorithm to obtain shortest path between vertices a and z in the figure shown below: | | |



05 M CO201.4

CLASS TEST EVALUATION RECORD

Class: S.E.

Subject:

Roll No.	Name of the Student	Class Test - I (Out of 20)	Class Test - II (Out of 20)	Class Test - III (Out of 20)
SC001	AASTHA SINHA	Ab	13	AB
SC002	ABHISHEK BORHADE	5	10	10
SC003	AGRAWAL NAKUL DIPAK	2	Ab	AB
SC004	AGRAWAL SANIKA SHAILESH	14	19	19
SC005	AJAY RAJESH AGRAWAL	9	08	AB
SC006	AMAN GUPTA	10	11	AB
SC007	ANCHARWADKAR MANDAR MAHESH	0	09	09
SC008	ANUBHAV MATTOO	19	13	- AB -
SC009	APOORVA RAY CHAUDHURI	Ab	09	- AB -
SC010	ASHEESH BALOTRA	19	18	- AB -
SC011	AYESHA MULLA	Ab	AB	- AB -
SC012	BAGUL NISHA BAPU	19	13	- AB -
SC013	BELWATE PARTH ASHOK	Ab	08	08
SC014	BHOSALE MANASI MAHESH	16	15	- AB -
SC015	CHORE SWAPNIL RAJARAM	10	12	12
SC016	DESAI SAURABH VIJAY	13	15	15
SC017	DHOKRAT SIDDHANT PRAKASH	5	12	- AB -
SC018	GAJARMAL PRANAV VISHWAS	Ab	08	08
SC019	GHODSE SWAPNIL ASHOK	15	10	- AB -
SC020	HARIP NEEL SUYOG	14	10	14
SC021	HATTIAMBIRE SNEHAL ABHIJEET	Ab	- AB	10
SC022	HIMANSHU NAKKANWAR	9	11	- AB -
SC023	JADHAV MANDAR SOMNATH	-	-	-
SC024	JAGTAP SHRUSHTI SANTOSH	0	07	10
SC025	JOSHI MEGHANA VIVEK	Ab	17	17
SC026	JUNEJA RISHI GIRISH	-	-	-
SC027	KADAM AJIT SHESHRAO	Ab	Ab	12
SC028	KANCHAN KUMAWAT	Ab	11	05
SC029	KASIMAHANATHI VINAY	8	Ab	- AB -
SC030	KASWA MANALI MANOJ	20	20	19
SC031	KAWADE ATHARVA SANJAY	10	Ab	10
SC032	KETAN KAGDA RAUT	Ab	03	10
SC033	KHARE RUTUJ KULDEEP	10	17	17
SC034	KUMBHAR AJAY ARUN	12	12	12
SC035	LODHA GAURI LALIT	17	14	17
SC036	MUGDHA	Ab	10	10
SC037	NARKHEDE ISHA JAYANT	Ab	11	11
SC038	NEGI RIYA PREMSINGH	03	06	02
SC039	NEGI YASH BALWANT SINGH	08	Ab	03
SC040	PATHAK ISHAAN LALITMOHAN	19	12	19

Signature of Faculty

Signature of Academic CO-Ordinator

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Hope Foundation's

International Institute of Information Technology (I²IT)

Hinjawadi, Pune- 411057

Innovation & Leadership
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Semester – I (AY 2017-2018) Mock Online Examination

25/09/2018

Notice for SE-COMPUTER

All the students of Second Year Engineering hereby informed that Mock Online Exam (AY 2018- 2019) SEM-I is scheduled from 08/10/2018 to 12/10/2018 as per the schedule displayed below.

Please note that:

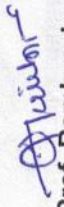
- Attendance for the Examination is mandatory and its performance will be considered for Term Work Assessment.

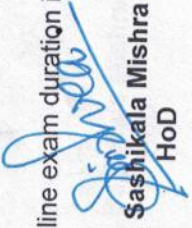
- Mock Online Exam is based on Unit 1 to Unit 4.

Time Table:

DATE	TIME	SUBJECT	SEATING ARRANGEMENT
08/10/2018	08:30AM – 09:30 AM	Discrete Mathematics	PL-I(206), PL-II(205), PL-III(204), PL-IV(203)
09/10/2018	08:30AM – 09:30 AM	Digital Electronics and Logic Design	PL-I(206), PL-II(205), PL-III(204), PL-IV(203)
10/10/2018	08:30AM – 09:30 AM	Data Structures and Algorithms	PL-I(206), PL-II(205), PL-III(204), PL-IV(203)
11/10/2018	08:30AM – 09:30 AM	Computer Organization and Architecture	PL-I(206), PL-II(205), PL-III(204), PL-IV(203)
12/10/2018	08:30AM – 09:30 AM	Object Oriented Programming	PL-I(206), PL-II(205), PL-III(204), PL-IV(203)

Note: All the necessary arrangements would be done by Mr. Sachin Bagul and Mr. Akshay Chawan And Mock online exam duration is of 60 minutes.


Prof. Ramkrushna M.
Exam Co-ordinator


Dr. Sashikala Mishra
HoD



Hope Foundation's
International Institute of Information Technology, Pune - 411057
Academic Year 2018-19 Semester - I
MOC Test-I (SE COMP)(Out of 50)

Roll No.	Name of the Student	DM	OOP	DELD	COA	DSA
SC001	AASTHA SINHA	36	29	AB	15	AB
SC002	ABHISHEK BORHADE	16	26	27	18	22
SC003	AGRAWAL NAKUL DIPAK	33	29	29	24	24
SC004	AGRAWAL SANIKA SHAILESH	28	23	36	21	25
SC005	AJAY RAJESH AGRAWAL	AB	23	25	15	27
SC006	AMAN GUPTA	23	21	17	10	15
SC007	ANCHARWADKAR MANDAR MAHESH	31	26	36	28	31
SC008	ANUBHAV MATTOO	AB	32	35	32	28
SC009	APOORVA RAY CHAUDHURI	16	25	AB	AB	AB
SC010	ASHEESH BALOTRA	AB	25	27	20	23
SC011	AYESHA MULLA	25	32	AB	20	AB
SC012	BAGUL NISHA BAPU	24	29	19	25	20
SC013	BELWATE PARTH ASHOK	21	28	32	20	22
SC014	BHOSALE MANASI MAHESH	35	16	33	19	25
SC015	CHORE SWAPNIL RAJARAM	14	20	30	21	24
SC016	DESAI SAURABH VIJAY	34	29	32	31	28
SC017	DHOKRAT SIDDHANT PRAKASH	39	28	29	29	29
SC018	GAJARMAL PRANAV VISHWAS	15	23	27	23	19
SC019	GHODSE SWAPNIL ASHOK	30	24	25	19	19
SC020	HARIP NEEL SUYOG	25	36	36	22	22
SC021	HATTIAMBIRE SNEHAL ABHIJEET	23	26	26	15	16
SC022	HIMANSHU NAKKANWAR	32	16	22	15	18
SC024	JAGTAP SHRUSHTI SANTOSH	31	27	24	25	21
SC025	JOSHI MEGHANA VIVEK	30	28	25	29	26
SC026	JUNEJA RISHI GIRISH	AB	AB	AB	AB	AB
SC027	KADAM AJIT SHESHRAO	38	33	26	27	27
SC028	KANCHAN KUMAWAT	16	23	21	16	14
SC029	KASIMAHANATHI VINAY	13	AB	8	AB	AB
SC030	KASWA MANALI MANOJ	34	38	41	33	AB
SC031	KAWADE ATHARVA SANJAY	29	28	28	34	25
SC032	KETAN KAGDA RAUT	16	25	AB	15	AB
SC033	KHARE RUTUJ KULDEEP	36	27	33	26	16
SC034	KUMBHAR AJAY ARUN	28	22	26	17	17
SC035	LODHA GAURI LALIT	42	24	36	19	21
SC036	MUGDHA	25	29	37	19	26
SC037	NARKHEDE ISHA JAYANT	30	31	26	10	24
SC038	NEGI RIYA PREMSINGH	30	26	12	11	25
SC039	NEGI YASH BALWANT SINGH	12	28	23	14	18
SC040	PATHAK ISHAAN LALITMOHAN	38	36	AB	AB	AB
SC041	NEEL GANDHI	43	27	32	21	23



Hope Foundation's International Institute of Information Technology, Pune

Department of Computer Engineering Mock Practical Examination (Acad. Yr. 2018-19) SEM-I

All the students of Second, Third & Final Engineering are here by informed that Mock Practical Exam is scheduled from 08/10/ 2018 as per the schedule displayed below.

Please note that Attendance for the Examination is mandatory and its performance will be considered for Term-work Assessment.

SE Mock Practical

Date	Timing	Batch	Lab No.	Subject name
08-10-18	9:30AM TO 12:30PM	A	DELD Lab	DEL Lab
	1.30PM TO 4.30PM	B	DELD Lab	DEL Lab
09-10-18	9:30AM TO 12:30PM	C	DELD Lab	DEL Lab
	1.30PM TO 4.30PM	D	DELD Lab	DEL Lab
10-10-18	9:30AM TO 12:30PM	A	206	DSL
	1.30PM TO 4.30PM	B	205	DSL
	9:30AM TO 12:30PM	C	204	OOP
	1.30PM TO 4.30PM	D	203	OOP
11-10-18	9:30AM TO 12:30PM	C	206	DSL
	1.30PM TO 4.30PM	D	205	DSL
	9:30AM TO 12:30PM	A	204	OOP
	1.30PM TO 4.30PM	B	203	OOP

TE Mock Practical

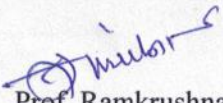
Date	Timing	Batch	Lab No.	Subject name
08-10-18	9:30AM TO 12:30PM	A	203	DBMS
	1.30PM TO 4.30PM	B	204	DBMS
	9:30AM TO 12:30PM	C	205	CNL
	1.30PM TO 4.30PM	D	206	CNL
09-10-18	9:30AM TO 12:30PM	C	203	DBMS
	1.30PM TO 4.30PM	D	204	DBMS
	9:30AM TO 12:30PM	A	205	CNL
	1.30PM TO 4.30PM	B	206	CNL
12-10-18	9:30AM to 4:30PM	All Group	A-223	SDL

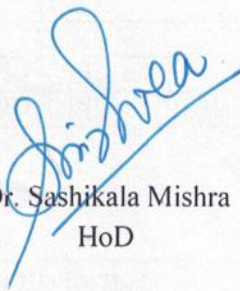
BE Mock Practical

Date	Timing	Batch	Lab No.	Subject name
10-10-2018	9:30AM TO 04:30PM	All Batch	A-223	LP-II
12-10-18	9:30AM TO 12:30PM	A	203	LP-I
	9:30AM TO 12:30PM	B	204	LP-I
	1.30PM TO 4.30PM	C	203	LP-I
	1.30PM TO 4.30PM	D	204	LP-I

Class	Subject	Faculty Allocation
BE	✓ LP-I	Prof. Ramkrushna M., Malayaj Kumar
	✓ LP-II	Prof. Ajitkumar Shitole
TE	✓ DBMS	Prof. Deepti Chaudhary, Prof. Kimi Ramteke
	CN Lab	Prof. Bailappa Bhovi., Prof. Prashant G.
	✓ SDL	Prof. Ashwini Jarali
SE	DELD	Prof. Dipak Raut, Prof. Malayaj Kumar
	✓ DSL	Prof. Sandeep Patil, Prof. Kimi Ramteke
	✓ OOPL	Dr. Sashikala Mishra, Prof. Ashwini Jarali

- Note :** 1) All the necessary arrangements will be taken care by Mr. Sachin Bagul and Mr. Akshay Chavan.
2) All students should come in formal dress and carry the ID Card.


 Prof. Ramkrushna M.
 Exam coordinator


 Dr. Sashikala Mishra
 HoD



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Hope Foundation's

International Institute of Information Technology (I²IT)

Hinjawadi, Pune- 411057

Department of Computer Engineering

14/01/2019

AY 2018-2019 (Semester-II)

Unit Test: 01

Notice

All the students of SE, TE and BE Engineering are hereby informed that Unit-I is scheduled from 16/01/2019 to 22/01/2019 as per the schedule displayed below.
Please note that:

Attendance for the Examination is mandatory and its performance will be considered for Term Work Assessment.

Time Table:

DATE	TIME	SUBJECT (SE)	SUBJECT (TE)	SUBJECT (BE)
16/01/2019	08:30AM – 09:30 AM	Computer Graphics	Design Analysis of Algorithms	Compilers
17/01/2019	08:30AM – 09:30 AM	Principal of Programming Language	Embedded System and Internet of Things	Information and Cyber Security
18/01/2019	08:30AM – 09:30 AM	Microprocessor	Software and Modeling Design	-----
21/01/2019	08:30AM – 09:30 AM	Advanced Data Structures	Web Technology	Machine Learning
22/01/2019	08:30AM – 09:30 AM	Engineering Maths-III	System Programming and Operating System	Cloud Computing


Prof. Ramkrushna M.
Exam Co-ordinator


Dr. Sasikanta Mishra
HOD



Hope Foundation's

International Institute of Information Technology (I²IT)

Hinjawadi, Pune- 411057

Department of Computer Engineering

12/02/2019

AY 2018-2019 (Semester-II)

Notice

All the students of SE, TE and BE are hereby informed that **Unit Test-II** is scheduled from 18/02/2019 to 25/02/2019 as per the schedule displayed below.

Please note that:

Attendance for the Examination is mandatory and its performance will be considered for Term Work Assessment.

Time Table:

DATE	TIME	SUBJECT (SE)	SUBJECT (TE)	SUBJECT (BE)
18/02/2019	08:30AM – 09:30 AM	Engineering Maths-III	-----	Machine Learning
20/02/2019	08:30AM – 09:30 AM	Computer Graphics Language	Design Analysis of Algorithms (Time 9:30AM to 10:30)	Information and Cyber Security
21/02/2019	08:30AM – 09:30 AM	Advanced Data Structures	System Programming and Operating System	Compilers
22/02/2019	08:30AM – 09:30 AM	Microprocessor	Embedded System and Internet of Things	-----
23/02/2019	08:30AM – 09:30 AM	--	Software Design and Modeling	-----
25/02/2019	08:30AM – 09:30 AM	Principal of Programming Languages	Web Technology	Cloud Computing


Prof. Ramkrushna M.
Exam Co-ordinator


Dr. Sashikala Mishra
HoD



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International Institute of Information Technology (I²IT)

Hinjawadi, Pune- 411057

Department of Computer Engineering

AY 2018-2019 (Semester-II)

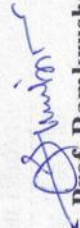
02/04/2019

Notice

All the students of SE, TE and BE are hereby informed that **Unit Test-III** is rescheduled from 03/04/2019 to 09/04/2019. Attendance for the Examination is mandatory and its performance will be considered for Term Work Assessment.

Time Table:

DATE	TIME	SUBJECT (SE)	SUBJECT (TE)	SUBJECT (BE)
03/04/2019	09:30AM – 10:30 AM	Principles of Programming Languages	Software Design and Modeling	Compilers
04/04/2019	09:30AM – 10:30 AM	Computer Graphics	Design Analysis and Algorithms	Machine Learning
05/04/2019	09:30AM – 10:30 AM	Advanced Data Structures	Embedded System and Internet of Things	Cloud Computing
08/04/2019	09:30AM – 10:30 AM	Microprocessor	Web Technology	-----
09/04/2019	09:30AM – 10:30 AM	Engineering Maths -III	System Programming and Operating System	Information and Cyber Security


Prof. Ramkrushna M.
Exam Coordinator


Dr. Sashikala Mishra
HoD



Hope Foundation's
International Institute of Information technology, Pune
DEPARTMENT OF COMPUTER ENGINEERING
Academic Year : 2018-19, Semester - II

Class : SF

Day & Date : Monday, 21/01/2019

Course: Advanced Data Structures

Max. Marks : 20

Max. Time : 01 Hour

CLASS TEST - I

Instructions: 1) All questions are compulsory**2) Neat diagrams must be drawn wherever necessary.****3) Assume suitable data if necessary**

Q.1 A	The in-order & post-order are given below. In-order: E I C F J B G D K H L A Post-order: I E J F C G K L H D B A Draw the binary tree & write preorder.	05 M	CO2 3.1
Q.1 B	Write a function to display the leaf nodes & depth of the binary tree	05 M	CO2 3.1
Q.2 A	Explain different graph representation methods with suitable examples.	05 M	CO2 3.2
Q.2 B	Write pseudo 'C' code that uses queue for breadth first search for graph. What is the complexity of algorithm?	05 M	CO2 3.2

Hope Foundation's
International Institute of Information Technology,
Hinjawadi, Pune - 411057
Department of Computer Engineering



Innovation & Leadership

Hope Foundation's

International Institute of Information Technology,

Hinjawadi, Pune - 411057

Department of Computer Engineering

AY 2018-19, Sem - II

Unit Test :01

Date: 21/01/19

Subject: ADS

Class: SE (COMP)

Sl. No.	Roll No.	Name of the Student	Sign.	Marks
33	SC035	GAURI LODHA	Gauri Lodha	15
34	SC036	MUGDHA KULKARNI	Mugdha Kulkarni	14
35	SC037	ISHA NARKHEDE	isha narkhede	09
36	SC038	RIYA PREMSINGH NEGI	Riya Negi	05
37	SC039	YASH NEGI	Yash Negi	07
38	SC040	ISHAAN PATHAK	AB	
39	SC041	NEEL GANDHI	Neel Gandhi	08
40	SC042	SUDHANSHU PAWAR	Sudhanshu Pawar	14
41	SC043	MANU PILLAI	Manu Pillai	16
42	SC044	CHAITHRA BHAT	Chaitra Bhat	18
43	SC045	RAHUL CHAKRABORTY	Rahul Chakraborty	02
44	SC046	RAJEEV RAMESH	AB	
45	SC047	PRATIKSHA RATHOD	AB	
46	SC049	SARVESH SAHASRABUDHE	Sarvesh Sahasrabudhe	07
47	SC050	NIKHIL SAMLETI	Nikhil Samleti	14
48	SC052	SHARVARI GADIWAN	Sharvari Gadivan	08
49	SC053	AMAN SHINDE	Aman Shinde	12
50	SC054	SHIVANI DESHMUKH	Shivani Deshmukh	09
51	SC055	SIDDHANT SINGH	Siddhant Singh	00
52	SC056	ANKIT SOLANKI	Ankit Solanki	12
53	SC057	Allen John Thomas	Allen John Thomas	12
54	SC058	Amit Vanarse	Amit Vanarse	11
55	SC059	Vikramjit Banerjee	Vikramjit Banerjee	10
56	SC060	Aditya Walunjkar	Aditya Walunjkar	12
57	SC061	Aishwarya Kailash Beedkar	Aishwarya Kailash Beedkar	09
58	SC062	Shrddha Devidas Jagtap	Shrddha Devidas Jagtap	
59	SC063	Shanky Pramod Sontakke	AB	
60	SC064	AVANI PATHAK	AB	
61	SC065	AKSHANSH KUMAR JAISWAL	Akshansh Kumar Jaiswal	18
62	SC067	RAHUL SHENDE	Rahul Shende	09
63	SC068	PUJA KAILAS AHER	AB	
				18

No of students Present :- 25
 No of students absent :- 06
 Total Strength :- 31

No of students Pass :-
 No of students Fail :-
 % Passing Result :- 71.5 %

Name & Sign of the Supervisor

Name & Sign of the Faculty

SPR
 21/1/19 SR Patil



Hope Foundation's
International Institute of Information technology, Pune
DEPARTMENT OF COMPUTER ENGINEERING
Academic Year : 2018-19, Semester - II

Class : SE
Day & Date :
Course: Advanced Data Structures

Max. Marks : 20
Max. Time : 01 Hours

CLASS TEST - II

Instructions: 1) All questions are compulsory
2) Neat diagrams must be drawn wherever necessary.
3) Assume suitable data if necessary

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- | | | | |
|-------|---|------|---------|
| Q.1 A | For the hash table size of 10 using hash function key $F(\text{key}) = \text{key} \% 10$ insert the following keys : 65, 75, 25, 29, 85, 39, 36.
Use linear probing with chaining & quadratic probing. | 05 M | CO213.3 |
| Q.1 B | Explain the implementation of different Hashing techniques | 05 M | CO213.3 |
| Q.2 A | Construct height balanced tree for the following sequence & also form the in order threads:
DEC, FEB, MAR, NOV, APR, JUNE, AUG, OCT, SEP, MAY, JULY, JAN | 05 M | CO213.4 |
| Q.2 B | Write pseudo 'C/C++' algorithms for LL and LR rotation with respect to AVL | 05 M | CO213.4 |