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Department of Artificial Intelligence &Machine Learning

Ref.No:CEC/AIML/C2/ACY-2023-24/IAT-III/01

Circular

This is to notify that 3rd Internals of 8th semester will be conducted on 18/04/2024

10.30am-12.00pm -18AI81-Neural Networks and Deep Learning

2.30pm-4.00pm-18AI824- Modern Information Retrieval

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Department of Artificial Intelligence &Machine Learning

FACULTY DUTY ALLOTMENT

INTERNAL ASSESSMENT -3 SEM-8th			
Sl.No	**NAME OF THE FACULTY**	**18-04-2024 Thursday**	**18-04-2024 Thursday**
		10.30am-12:00PM	**2:30PM-4:00PM**
1	**Ms.Vindhya**	**-**	**C201**

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8th semester 3rd Internal Time Table

18/04/2024	10.30am-12.00pm	2.30pm-4.00pm
Subject Code	18AI81	18AI824

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Department Of Artificial Intelligence & Machine Learning

8th Semester 3rd IA Attendance

18/04/2024

SL NO	USN	NAME OF THE STUDENT	Signature
1	1CE20AI001	ABDUL FAHEEM	
2	1CE20AI002	HAJIRA AHMED	
3	1CE20AI003	KEDAR JOSHI	
4	1CE20AI004	KOKILA K R	
5	1CE20AI006	SHARON ZIPPORAH SEBASTIAN	
6	1CE20AI007	SHARONA SAM	
7	1CE20AI008	SUHAS GAJANANA	
8	1CE20AI009	SYEDA ALIYAH BAKSHI	

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Department of Artificial Intelligence and Machine Learning

INTERNAL TEST 2

Course: Modern Information Retrieval Course Code: 18AI824 Sem : VIII Sem

Max. Marks : 50 Date: 18/04/2024 Time: 2:30 PM to 4 PM

Answer any five full questions choosing any one from each part.

Q #	Question	Marks	CO	BT
	PART A			
1	What is a query language in the context of information retrieval? Briefly discuss the key components of a query language for information retrieval systems.	10 M	CO3	L1
	OR			
2	Illustrate Word Sense Disambiguation (WSD)? With an example, explain the various techniques to handle WSD	10 M	CO3	L2
	PART B			
3	Explain i) 4 types of keyword-based querying ii) Single-word queries, context queries, and Boolean queries with examples	10 M	CO3	L2
	OR			
4	Explain the three uses of user relevance feedback and differentiate between Global and local analysis.	10 M	CO3	L2
5	Classify 3 main structural queries and explain in detail about fixed structure and hierarchical structure	10 M	CO3	L2
	OR			
6	Explain Query expansion system reweighting for the vector model & term reweighting for the probability model.	10 M	CO3	L2
	PART D			
7	What are text operations? Explain with a neat diagram document the preprocessing stages.	10 M	CO4	L1
	OR			
8	Explain brief about Query expansion based on similarity thesaurus and explain pattern-matching words, prefixes, suffixes, substrings,and regular expressions.	10 M	CO4	L2
	PART E			
9	i) What is an Index and list how the efficiency of an Information retrieval System depends on indexing. ii) With a neat diagram example explain in detail the Inverted Index(Basic)	10 M	CO4	L2
	OR			
10	Outline with a neat diagram example explain in detail the Full Inverted Index	10 M	CO4	L2

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Subject Teacher

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CITY ENGINEERING COLLEGE

DEPARTMENT OF ARTIFICIAL INTELLIGENCE

AND MACHINE LEARNING ENGINEERING

SCHEME FOR EVALUATION

CIE TEST –I

SEMESTER &SECTION: VIII Modern Information Retrieval

Subject Code: 18AI824

Q. No	Details of the Answer	Marks Distribution	Total marks
1	What is a query language in the context of information retrieval? Briefly discuss the key components of a query language for information retrieval systems. • Text retrieval systems can answer various types of queries depending on the retrieval model adopted. • Full-text systems may not answer the same queries as those based on keyword ranking or hypertext models. • Some query languages are not intended for final users and can be used by higher-level software packages to query databases or CD-ROM archives. • Most query languages use content and syntax to find relevant documents, but may fail to find relevant answers. Techniques to enhance query usefulness include expanding words to synonyms, using a thesaurus, and removing stopwords. • The retrieval unit, which can be a file, document, web page, paragraph, or other structural unit, is another aspect of the system's approach.	Each 5 marks	10

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2.	**Illustrate Word Sense Disambiguation (WSD)? With an example, explain the various techniques to handle WSD** Word Sense Disambiguation (WSD) is the process of determining the correct meaningor sense of a word based on the context in which it appears. In the context of Information Retrieval (IR), WSD is important because it helps improve the accuracy of search results by ensuring that the retrieved documents are relevant to the user's query. • **Machine Translation** • **Information Retrieval (IR** • **Text Mining and Information Extraction (IE** • **Lexicography** - WSD	Definition 2 marks Explanation 8 marks	10 marks
3.	**Explain i) 4 types of keyword-based querying ii) Single-word queries, context queries, and Boolean queries with examples** Single-word queries Text retrieval systems typically search for words, which are long sequences of letters. Most models allow us to view text in this perspective and search words, with some models also allowing for internal division into letters. The set of words retrieved can be used for word-treating purposes, such as thesaurus expansion or ranking purposes. Words carry significant meaning in natural language, so many models are structured around words. Word queries result in documents containing at least one word of the query, and ranked based on similarity to the query. Common statistics on word occurrences are used to support ranking. Context queries Phrase is a sequence of single-word queries. An occurrence of the phrase is a sequence of words. For instance, it is possible to search for the word 'enhance,' and then for the word 'retrieval.'	Each 2 marks and Examples 2 marks	10 marks

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	Boolean queries The oldest (and still heavily used) form of combining keyword queries is to use Boolean operators. A Boolean query has a syntax composed of atoms (i.e., basic queries) that retrieve documents, and of Boolean operators that work on their operands (which are sets of documents) and deliver sets of documents.		
4.	**Explain the three uses of user relevance feedback and differentiate between Global and local analysis.** Differentiation between Global and local The main idea consists of selecting important terms, or expressions, attached to the documents that have been identified as relevant by the user, and of enhancing the importance of these terms in a new query formulation. (a) expand queries with the vector model, (b) reweight query terms with the probabilistic model, and (c) reweight query terms with a variant of the probabilistic model.	2marks 8 marks	10 marks
5.	**Classify 3 main structural queries and explain in detail about fixed structure and hierarchical structure** 1. Expanding the original query with new terms, 2. And reweighting the terms in the expanded query. everal of approaches available for improving the initial query formulation through query expansion and term reweighting. These approaches are grouped in three categories: 1. Approaches based on feedback information from the user; 2. Approaches based on information derived from the set of documents initially retrieved (called the local set of documents); **Fixed structure**	Each 3 marks definition 1 mark	10 marks

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	Hierarchical structure		
6.	**.Explain Query expansion system reweighting for the vector model & term reweighting for the probability model.** , Dr: set of relevant documents, as identified by the user, among the retrieved documents; Dn: set of non-relevant documents among the retrieved documents; Cr: set of relevant documents among all documents in the collection; |Dr|, |Dn|, |Cr|: number of documents in the sets Dr, Dn, Crrespectively; α, β, γ : tuning constants. Consider first the unrealistic situation in which the complete set Cr of relevant documents to a given query q is known in advance. $\vec{q}_{opt} = \frac{1}{\|C_r\|} \sum_{\forall \vec{d}_j \in C_r} \vec{d}_j - \frac{1}{N - \|C_r\|} \sum_{\forall \vec{d}_j \notin C_r} \vec{d}_j$ [1] $Standard\_Rochio: \quad \vec{q}_m = \alpha \vec{q} + \frac{\beta}{\|D_r\|} \sum_{\forall \vec{d}_j \in D_r} \vec{d}_j - \frac{\gamma}{\|D_n\|} \sum_{\forall \vec{d}_j \in D_n} \vec{d}_j$ $Ide\_Regular: \quad \vec{q}_m = \alpha \vec{q} + \beta \sum_{\forall \vec{d}_j \in D_r} \vec{d}_j - \gamma \sum_{\forall \vec{d}_j \in D_n} \vec{d}_j$ $Ide\_Dec\_Hi: \quad \vec{q}_m = \alpha \vec{q} + \beta \sum_{\forall \vec{d}_j \in D_r} \vec{d}_j - \gamma \; max_{non\text{-}relevant}(\vec{d}_j)$ Term **Reweighting** for the Probabilistic Model $sim(d_j, q) \alpha \sum_{i=1}^{t} w_{i,q} \, w_{i,j} \left(\log \frac{P(k_i \mid R)}{1 - P(k_i \mid R)} + \log \frac{1 - P(k_i \mid \overline{R})}{P(k_i \mid \overline{R})} \right)$ [2]	Model explanation 4 marks each	10 marks
7.	**What are text operations? Explain with a neat diagram document the preprocessing stages.**	Diagram 2 marks	10

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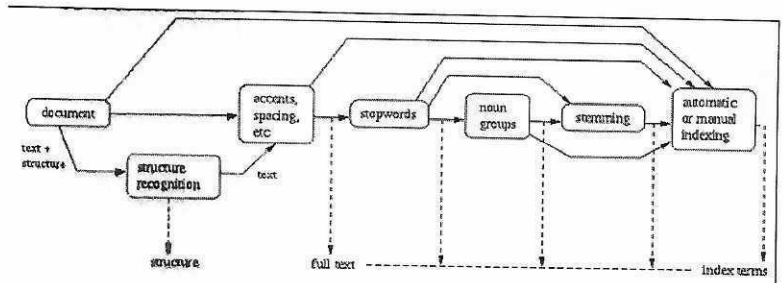
	Document Preprocessing Document preprocessing is a procedure which can be divided mainly into five text operations (or transformations) (as shown in figure 2): 1. Lexical analysis 2. Elimination of stop words. 3. Stemming of the remaining 4. Selection of index terms 5. Construction of term categorization  Figure 2: Logical view of a document: from full text to a set of index terms.	Each step – 2 marks	
8.	**Explain brief about Query expansion based on similarity thesaurus and explain pattern-matching words, prefixes, suffixes, substrings,and regular expressions.** Pattern Matching: • **Words** • **Prefixes** • **Suffixes A string** which must form the termination of a text **word. For instance**, given the suffix `tars' all the documents **containing** words such as 'computers.' testers, painters,' etc. **are retrieved.** • **Substrings** • **Ranges** • **Regular expressions** some text retrieval systems allow **searching for** regular expressions.	Each 2 marks	10
9.	**i) What is an Index and list how the efficiency of an Information retrieval System depends on indexing. With a neat diagram example explain in detail the Inverted Index(Basic)**		

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Index is a data structure built from the text to speed up the searches.

In the context of an information retrieval system that uses an **index**, the efficiency of the system can be measured

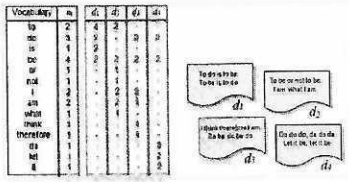
- **Indexing time**
- **Indexing space:**
- **Index storage:**
- **Query latency:**

  Query throughput:

Diagram-2marks

Each -2 marks

Inverted Index



10 **Outline with a neat diagram example explain in detail the Full Inverted Index**

Diagram-2marks

Each -2 marks

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RGPVNOTES

Vocabulary	n_i	Occurrences as full inverted lists
to	2	[1,4,[1,4,6,9]],[2,2,[1,5]]
do	3	[1,2,[2,10]],[3,3,[6,8,10]],[4,3,[1,2,3]]
is	1	[1,2,[3,8]]
be	4	[1,2,[5,7]],[2,2,[2,6]],[3,2,[7,9]],[4,2,[9,12]]
or	1	[2,1,[3]]
not	1	[2,1,[4]]
I	2	[2,2,[7,10]],[3,2,[1,4]]
am	2	[2,2,[8,11]],[3,1,[5]]
what	1	[2,1,[9]]
think	1	[3,1,[2]]
therefore	1	[3,1,[3]]
da	1	[4,3,[4,5,6]]
let	1	[4,2,[7,10]]
it	1	[4,2,[8,11]]

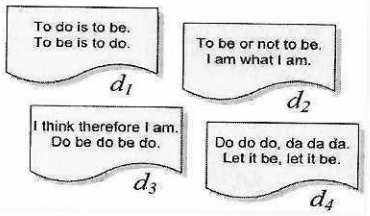

Figure 5: Full Inverted Index

The **space required** for the vocabulary is rather small Heaps' law: the **vocabulary grows** as O(nβ), where

- **n is the collection** size.
- **β is a collection**-dependent

The **occurrences demand** much more space the extra space will be **O(n) and is around.**

- **40% of the text** size

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Branch : AI Semester : 8

Sl NO.	USN	18AI824
1	1CE20AI001	37
2	1CE20AI002	40
3	1CE20AI003	40
4	1CE20AI004	40
5	1CE20AI006	38
6	1CE20AI007	38
7	1CE20AI008	40
8	1CE20AI009	40

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INTERNAL ASSESSMENT BOOK

Name : Sharona Sam USN 1CE20AI007

Branch AI&ML Semester 8th Section –

Sub Code: 18AI842 Subject: Modern information Retrieval

Sl. No.	Particulars	Date	Page No.	Max. Marks	Marks Awarded	Signature of Staff Incharge
1.	Test - 1	27/03/24	01-10	50	48	27/3/24
2.	Test - 2	18/4/24	11-21	50	48	18/4/24
3.	Test - 3	8/5/24	22-31	50	44	8/5/24

$140/150 = 28/30 + 10/10$

$= 38$

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This is to certify that Mr.//Ms. Sharona Sam *bearing USN* 1CE20AI007 *has satisfactorily completed the course of Internal assessment prescribed by the Vivesvaraya Technological University for Semester* 8th *Branch* AI&ML *for the academic year 20 ..... 20 .....*

MARKS AWARDED			
	Test Marks	Assignment Marks	Final I A Marks
Maximum	30	10	40
Obtained	28	10	38

Sharona Sam
Signature of Student

Signature of Staff Incharge

Signature of H.O.D

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INTERNAL ASSESSMENT BOOK

Name: Syeda Aliyah Bakshi USN 1CE20AI009

Branch AI and ML Semester 8 Section B

Sub Code: 18AI842 Subject: Modern Information Retrieval

Sl. No.	Particulars	Date	Page No.	Max. Marks	Marks Awarded	Signature of Staff Incharge
1.	Test - 1	27/3/24	1-15	50	50	27/3/24
2.	Test - 2	18/4/24	16-28	50	49	18/4/24
3.	Test - 3	8/5/24	29-40	50	50	8/5/24

$\frac{30}{30} + \frac{10}{10} = \frac{40}{40}$

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MARKS AWARDED			
	Test Marks	Assignment Marks	Final I A Marks
Maximum	30	10	40
Obtained	30	10	40

Aliyah
Signature of Student

Signature of Staff Incharge

Vagdevi
Signature of H.O.D

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INTERNAL ASSESSMENT BOOK

Name : Hajira Ahmed USN 1CE20AI002

Branch AI & ML Semester VIII Section

Sub Code: 18AI842 Subject: Modern Information Retrieval

Sl. No.	Particulars	Date	Page No.	Max. Marks	Marks Awarded	Signature of Staff Incharge
1.	Test - 1	27/03/24	1-15	50	50	27/3/24
2.	Test - 2	18/04/24	16-30	50	50	18/4/24.
3.	Test - 3	08/05/24	31-40	50	50	8/5/24.

$\frac{30}{30} \times \frac{10}{10} = \frac{40}{40}$

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MARKS AWARDED	Test Marks	Assignment Marks	Final I A Marks
Maximum	30	10	40
Obtained	30	10	40

Hajira Ahmed
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Signature of Staff Incharge

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INTERNAL ASSESSMENT BOOK

Name : Kokila. K. R USN 1CE20AI004

Branch AI & ML Semester VIII Section

Sub Code: 18AI842 Subject: Modern Information Retrival

Sl. No.	Particulars	Date	Page No.	Max. Marks	Marks Awarded	Signature of Staff Incharge
1.	Test - 1	27/3/24	2-15	50	50	28/3/24
2.	Test - 2	18/4/24	16-26	50	50	18/4/24
3.	Test - 3	8/05/24	27-36	50	50	8/5/24

$\frac{30}{30} + \frac{10}{10} = \frac{40}{40}$.

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MARKS AWARDED			
	Test Marks	Assignment Marks	Final I A Marks
Maximum	30	10	40
Obtained	30	10	40

Kokila
Signature of Student

Signature of Staff Incharge

Signature of H.O.D

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INTERNAL ASSESSMENT BOOK

Name: Syeda Aliyah Bakshi USN 1CE20AI009

Branch AI and ML Semester 8 Section B

Sub Code: 18AI842 Subject: Modern Information Retrieval

Sl. No.	Particulars	Date	Page No.	Max. Marks	Marks Awarded	Signature of Staff Incharge
1.	Test - 1	27/3/24	1-15	50	50	27/3/24
2.	Test - 2	18/4/24	16-28	50	49	18/4/24
3.	Test - 3	8/5/24	29-40	50	50	8/5/24

$\frac{30}{30} + \frac{10}{10} = \frac{40}{40}$

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MARKS AWARDED			
	Test Marks	Assignment Marks	Final I A Marks
Maximum	30	10	40
Obtained	30	10	40

Aliyah
Signature of Student

Signature of Staff Incharge

Signature of H.O.D

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INTERNAL ASSESSMENT BOOK

Name : Suhas Gajanana USN 1CE20AI008

Branch AI ML Semester 8 Section ,

Sub Code: 18AI8042 Subject: Modern Information Retrieval

Sl. No.	Particulars	Date	Page No.	Max. Marks	Marks Awarded	Signature of Staff Incharge
1.	Test - 1	27/3/24	1-14	50	50	27/3/24
2.	Test - 2	18/4/24	15-24	50	50	18/4/24
3.	Test - 3	8/5/24	25-34	50	50	8/5/24

30/30 × 10/10 = 40/40

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MARKS AWARDED	Test Marks	Assignment Marks	Final I A Marks
Maximum	30	10	40
Obtained	30	10	40

Signature of Student | Signature of Staff Incharge | Signature of H.O.D

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Department of Computer Science and Engineering

Circular

This is to notify that 3rd Internals of 8th semester will be conducted on 18/04/2024

10.30am-12.00pm -18CS81 (Internet of Things)

2.30pm-4.00pm-18CS822 (Storage Area Network)

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Department of Computer Science and Engineering

8th semester 3rd Internal Time Table

18/04/2024	10.30am-12.00pm	2.30pm-4.00pm
Subject Code	18CS81	18CS822

HOD

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Department Of Computer Science and Engineering			
8th SEM 3RD IA FACULTY DUTY ALLOTMENT			
Sl.No	NAME OF THE FACULTY	18-04-2024 Thursday	18-04-2024 Thursday
		10.30am-12:00PM	2:30PM-4:00PM
1	Mrs. Shruthi B S	C201	-----
2	Mrs. Swetha A	C202	------
3	Mrs. Vibhavi R N	C203	------
4	Ms. Shravya S	------	C201
5	Mr. John Peter	-----	C202
6	Mrs. Nayana R K	------	C203

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Room Allotment for 2nd Internal Test_ UG – 8 th Semester _ 18th April 2024

ROOM NO:- CS-401

Seat No.	8 SEM CS A USN	Seat No.	8 SEM CS A USN	Seat No.	8 SEM CS A USN	Seat No.	8 SEM CS A USN	Seat No.	8 SEM CS A USN	Seat No.	8 SEM CS A USN
1	1CE20CS001	2	1CE20CS007	13	1CE20CS013	14	1CE20CS021	25	1CE20CS029	26	1CE20CS033
3	1CE20CS002	4	1CE20CS008	15	1CE20CS014	16	1CE20CS024	27	1CE20CS030	28	1CE20CS034
5	1CE20CS003	6	1CE20CS009	17	1CE20CS016	18	1CE20CS025	29	1CE20CS031	30	1CE20CS035
7	1CE20CS004	8	1CE20CS010	19	1CE20CS017	20	1CE20CS026				
9	1CE20CS005	10	1CE20CS011	21	1CE20CS018	22	1CE20CS027				
11	1CE20CS006	12	1CE20CS012	23	1CE20CS019	24	1CE20CS028				

ROOM NO:- CS-402

Seat No.	8 SEM CS A USN	Seat No.	8 SEM CS A USN	Seat No.	8 SEM CS B USN	Seat No.	8 SEM CS B USN	Seat No.	8 SEM CS B USN	Seat No.	8 SEM CS B USN
1	1CE20CS036	2	1CE20CS062	13	1CE20CS015	14	1CE20CS045	25	1CE20CS052	26	1CE20CS055
3	1CE20CS037	4	1CE20CS069	15	1CE20CS032	16	1CE20CS046	27	1CE20CS053	28	1CE20CS056
5	1CE20CS038	6	1CE20CS071	17	1CE20CS041	18	1CE20CS048	29	1CE20CS054	30	1CE20CS057
7	1CE20CS039	8	1CE20CS079	19	1CE20CS042	20	1CE20CS049				
9	1CE20CS040	10	1CE20CS081	21	1CE20CS043	22	1CE20CS050				
11	1CE20CS047	12	1CE20CS085	23	1CE20CS044	24	1CE20CS051				

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ROOM NO:- CS-403

Seat No.	8 SEM CS B USN	Seat No.	8 SEM CS B USN	Seat No.	8 SEM CS B USN	Seat No.	8 SEM CS B USN	Seat No.	8 SEM CS B USN
1	1CE20CS058	2	1CE20CS066	13	1CE20CS075	14	1CE20CS083	25	1CE20CS090
3	1CE20CS059	4	1CE20CS068	15	1CE20CS076	16	1CE20CS084	26	1CE20CS091
5	1CE20CS060	6	1CE20CS070	17	1CE20CS077	18	1CE20CS086	27	1CE20CS036
7	1CE20CS061	8	1CE20CS072	19	1CE20CS078	20	1CE20CS087		
9	1CE20CS063	10	1CE20CS073	21	1CE20CS080	22	1CE20CS088		
11	1CE20CS065	12	1CE20CS074	23	1CE20CS082	24	1CE20CS089		

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COMPUTER SCIENCE & ENGINEERING

VIII SEMESTER- SECTION: A | III INTERNAL TEST

ROOM No:C-401

Sl. No.	USN	DATE/SUBJECT CODES 18-04-2024 Morning 18 ** 81	Afternoon 18 ** 82*
1	1CE20CS001	Bhaygar	Bhaygar
2	1CE20CS002	Abhinav.	Ab
3	1CE20CS003	Abhishek	Abhishek
4	1CE20CS004	Adesh.	
5	1CE20CS005	Adith	Adith
6	1CE20CS006	Anant	Anant
7	1CE20CS007	Aish	Aish
8	1CE20CS008	Absent	Ab
9	1CE20CS009	[illegible]	[illegible]
10	1CE20CS010	Absent.	Amulya.V.R.
11	1CE20CS011	Anand.M	Anand.M
12	1CE20CS012	Ananya.B.C	Ananya.B.C
13	1CE20CS013	Ananya	Ananya
14	1CE20CS014	Anuradha	Anuradha
15	1CE20CS016	[illegible]	[illegible]
16	1CE20CS017	Astha.	Astha
17	1CE20CS018	B. [illegible]	B. [illegible]
18	1CE20CS019	[illegible]	[illegible]
19	1CE20CS021	[illegible]	[illegible]
20	1CE20CS024	[illegible]	Ab
21	1CE20CS025	Deeksha R	Ab
22	1CE20CS026	Deepak	Ab
23	1CE20CS027	Deepam	Deepam
24	1CE20CS028	Deepthi	Deepthi
25	1CE20CS029	[illegible]	Ab
26	1CE20CS030	Dinyashree.S	Dinyashree.S
27	1CE20CS031	[illegible]	Ab
28	1CE20CS033	Ganesh V. Jinve	Ganesh.V. Jinve.
29	1CE20CS034	Giriya	Giriya
30	1CE20CS035	Gautham.V	Gautham.V
	No. of Students Present	29	22
	No. of Students Absent	2	8
	Staff Signature	[illegible]	[illegible]

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COMPUTER SCIENCE & ENGINEERING

VIII SEMESTER- SECTION: B | III INTERNAL TEST

ROOM No:C-402

Sl No.	USN	DATE/SUBJECT CODES 18-04-2024 Morning 18 ** 81	Afternoon 18 ** 82*
1	1CE20CS036	Haleema	Haleema
2	1CE20CS037	[illegible]	[illegible]
3	1CE20CS038	[illegible]	Ab
4	1CE20CS039	Jyothi	Jyothi
5	1CE20CS040	Dhanya	Dhanya
6	1CE20CS047	Adhithi	Adhithi
7	1CE20CS062	Ab	Ab
8	1CE20CS069	Suchal	Ab
9	1CE20CS071	Ab	Ab
10	1CE20CS079	[illegible]	Ab
11	1CE20CS015	Present	Ab
12	1CE20CS032	[illegible]	[illegible]
13	1CE20CS041	Kasiba Afrien	Kasiba Afrien
14	1CE20CS042	Karrin	Ab
15	1CE20CS043	[illegible]	[illegible]
16	1CE20CS044	Krupashree G	Krupashree G
17	1CE20CS045	Kumaraswamy P	Ab
18	1CE20CS046	Ab	Ab
19	1CE20CS048	Manasa.P	Ab
20	1CE20CS049	Ab	Ab
21	1CE20CS050	Ab	Ab
22	1CE20CS051	Ab	Ab
23	1CE20CS052	Ab	Ab
24	1CE20CS053	Nalaki	Nalaki
25	1CE20CS054	Ab	Ab
26	1CE20CS055	Nimmi	Ab
27	1CE20CS056	[illegible]	[illegible]
28	1CE20CS057	pooja's	pooja's
	No. of Students Present	Ab	Ab
	No. of Students Absent	8	~~16~~ 16
	Staff Signature	Pangatha.D	[illegible]

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COMPUTER SCIENCE & ENGINEERING

VIII SEMESTER- SECTION: B | III INTERNAL TEST

ROOM No:C-403

Sl No.	USN	DATE/SUBJECT CODES 18-04-2024 Morning 18 ** 81	Afternoon 18 ** 82*
1	1CE20CS058	Pranam K.R.	Pranam K.R.
2	1CE20CS059	Ab	Ab
3	1CE20CS060	Pushkar	Ab
4	1CE20CS061	Ab	Ab
5	1CE20CS063	Ab	Ab
6	1CE20CS065	Ab	Ab
7	1CE20CS066	Ab	Ab
8	1CE20CS068	Shoba H.N	Ab
9	1CE20CS070	Sonam	Ab
10	1CE20CS072	[illegible]	[illegible]
11	1CE20CS073	[illegible]	[illegible]
12	1CE20CS074	[illegible]	[illegible]
13	1CE20CS075	Swati	Swati
14	1CE20CS076	Ab	Ab
15	1CE20CS077	Ab	Ab
16	1CE20CS078	Lalia	Lalia
17	1CE20CS080	[illegible]	[illegible]
18	1CE20CS082	Hari	Hari
19	1CE20CS083	V. [illegible]	Ab
20	1CE20CS084	Vaishnavi.K	Vaishnavi.K
21	1CE20CS086	Ab	Ab
22	1CE20CS087	[illegible]	[illegible]
23	1CE20CS088	Ab	Ab
24	1CE20CS089	Yashashree	Ab
25	1CE20CS090	[illegible]	[illegible]
26	1CE20CS091	Ab	Ab
27	1CE19CS036	[illegible]	[illegible]
	No. of Students Present	17	12
	No. of Students Absent	10	15
	Staff Signature	Managa.G	[illegible]

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USN | 1 | C | E | | | | | | | |

COURSECODE:18CS822

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THIRD INTERNAL TEST

rogramme:CS/IS
Course Name:Storage Area Networks
em:VIII A&B
uration:1½Hrs

Date:08/05/2024
Time:2:30PM–4:00PM

Note:Answer any FIVE questions choosing at least ONE from each part

MAX MARKS:50

		CO'S	BT'S
Part –A			
Describe Backup and restore operations.	10	CO1	BT1
OR			
Discuss different backup topologies.	10	CO1	BT1
Part– B			
Mention Major Local replication technologies. Explain network based local replication	10	CO1	BT1, BT2
OR			
A) Discuss flushing the file system buffer. B) Explain the uses of local replicas.	5 5	CO1	BT1,BT3
Part-C			
Explain host based remote replication with neat diagram.	10	CO2	BT1, BT2
OR			
A) Difference between synchronous and asynchronous remote replication modes. B) Explain FCSCAN security architecture with a neat diagram.	5 5	CO2	BT2, BT3
Part-D			
Explain storage security domains.	10	CO2	BT2, BT3
OR			
What is remote replication? Explain storage array based remote replication.	10	CO2	BT1, BT2
Part-E			
Write a note on i) Assets ii) Threats iii) Vulnerability	10	CO2	BT2, BT3
OR			
Explain storage array based local replication in detail.	10	CO2	BT3, BT4

omsTaxonomyLevels(BTL):
1- Remembering the concepts**BT2**-Understanding**BT3** –Applying**BT4** –Analyzing**BT5**-Evaluating
rseOutcomes(CO's):
1: Understand the techniques and summarize the concepts
2: Investigate the concepts and apply the same

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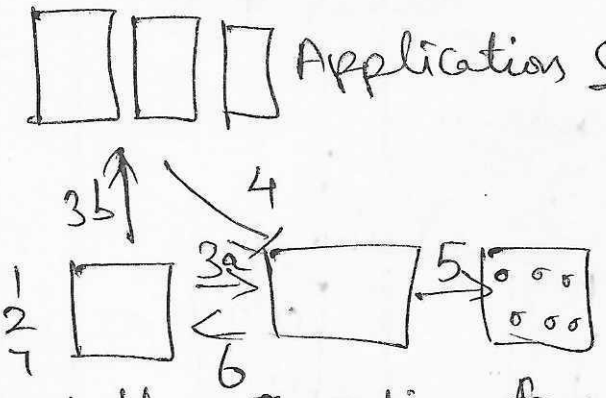
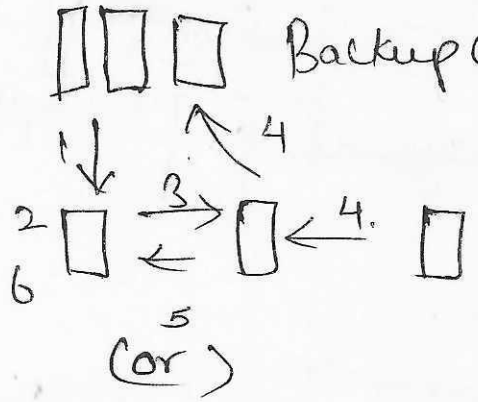
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SCHEME FOR EVALUATION

CIE TEST – III

SEMESTER &SECTION: VIII & A, B. DATE: 8.05.2024

Q. No	Details of the Answer	Marks Distribution	Total marks
1.	Backup and restore operations.  Listing out the operations carried out in Backup. Restoration  (or)	5 5.	10.
1.	Backup Topologies. i) Direct attached backup		

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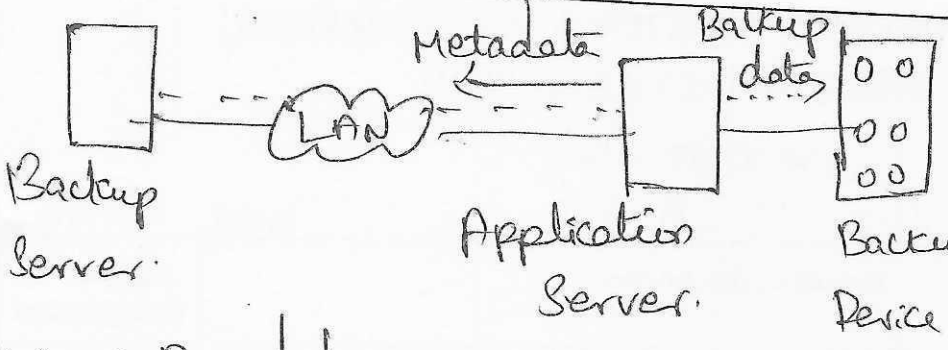
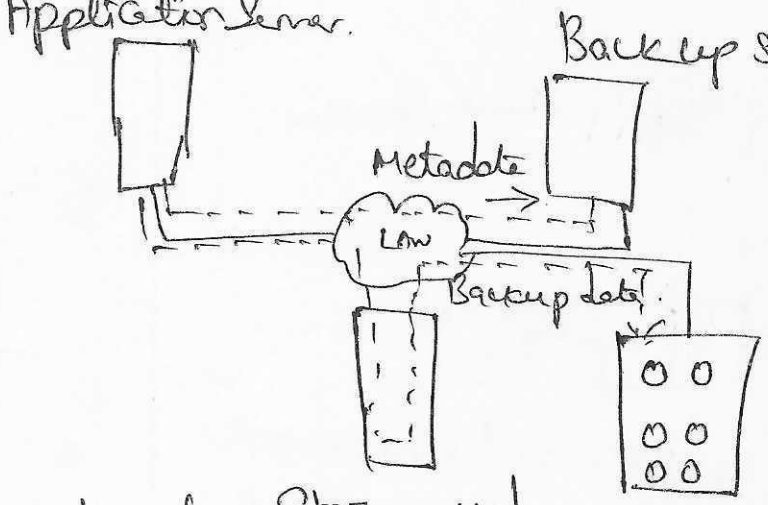
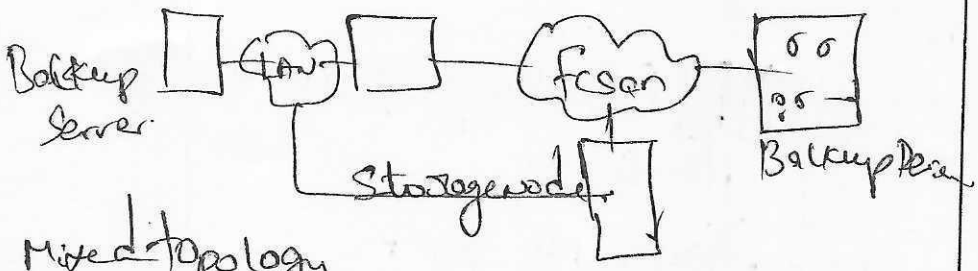
Q. No	Details of the Answer	Marks Distribution	Total marks



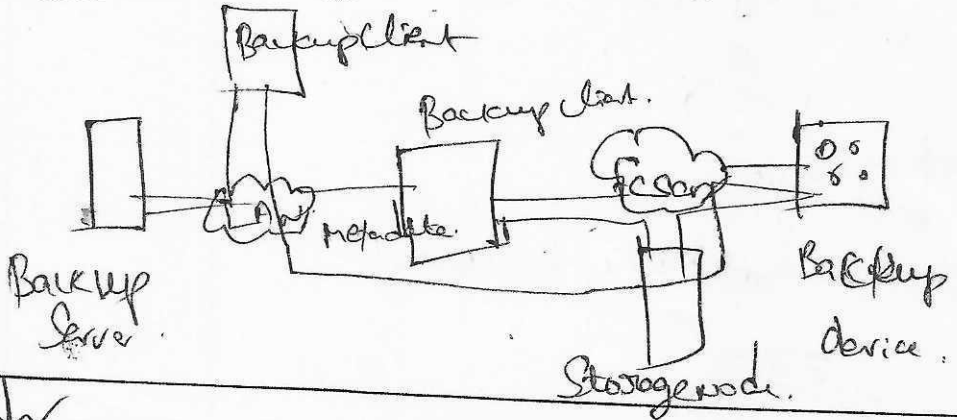
ii, LAN Based backup.



iii, SAN based backup.



iv, Mixed topology



10

4.

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Q. No	Details of the Answer	Marks Distribution	Total marks
3.	Major Local Replication technologies. 1. Snapshot Replication. 2. Mirroring 3. ASynchronous Replication. 4. Cloning.	3	
	Network based local Replication involves Replicating data b/w Storage Slm over a nlw within a LAN or SAN. 1. Storage Array Based. 2. Host Based. 3. File Based. 4. Block Level.	5	10.
	(OR).		
4.	A) Flushing the Slm buffer refers to. Data held in memory buffer by the file Slm is committed to disk.	Explanation (5)	
	B. Uses of Local Replicas 1. Alternative Source for backup. 2. Fast recovery. 3. Testing platform. 4. Data migration 5. Decision Support.	5	10.

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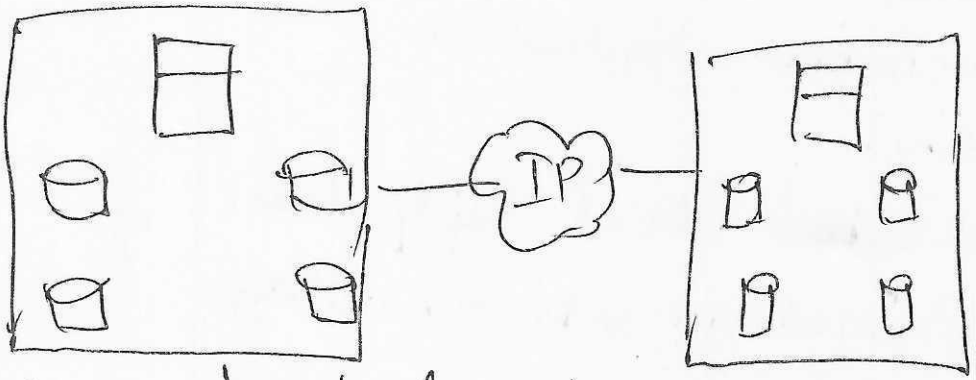
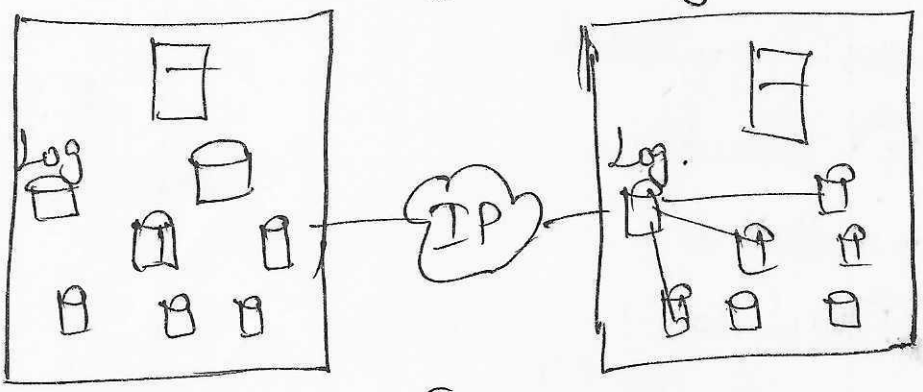
Q. No	Details of the Answer	Marks Distribution	Total marks
5.	Host Based Remote Replication. → LVM-Based Remote Replication  → Host based log shipping.  	5 5	10.
	(Or)		
6.	A. Synchronous: A write must be Committed to the source and the target prior to acknowledging. Write Complete to the production host. Asynchronous: A write is Committed to the source and immediately acknowledged to the host. B. FCSCAN. Multiple Integrated layers for Security with Architecture diagram	5 5	10

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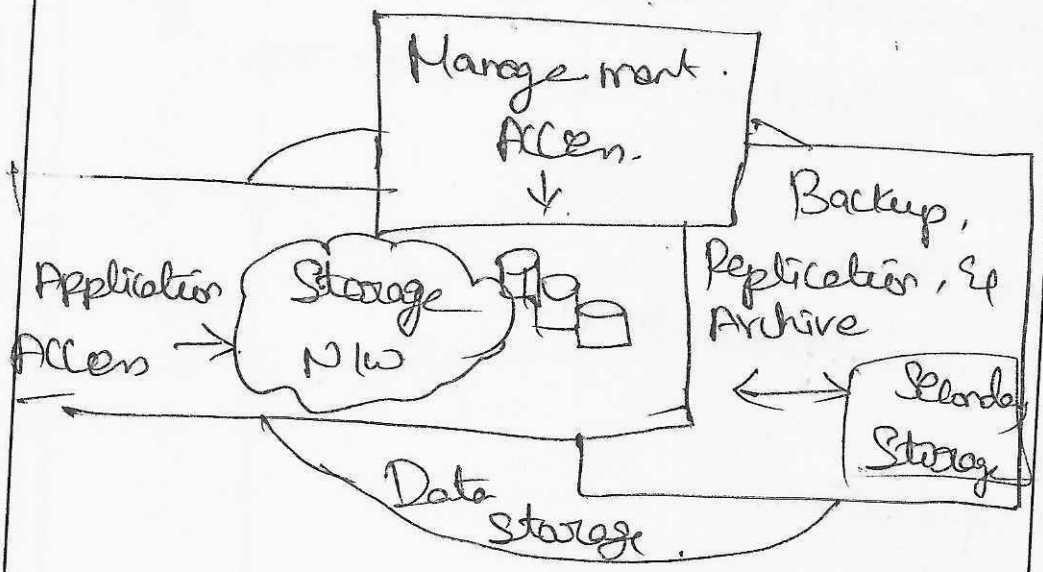
Q. No	Details of the Answer	Marks Distribution	Total marks
7.	Storage Security Domains. 	10	10.
	(or).		
8.	Remote Replication. Replicas of information assets at the remote sites organization mitigate the risks.	3.	
	Storage Array Based Remote Replication		10.
	i) Synchronous Replication Mode ii) ASynchronous Replication mode. iii) Disk Buffered Replication mode.	7	

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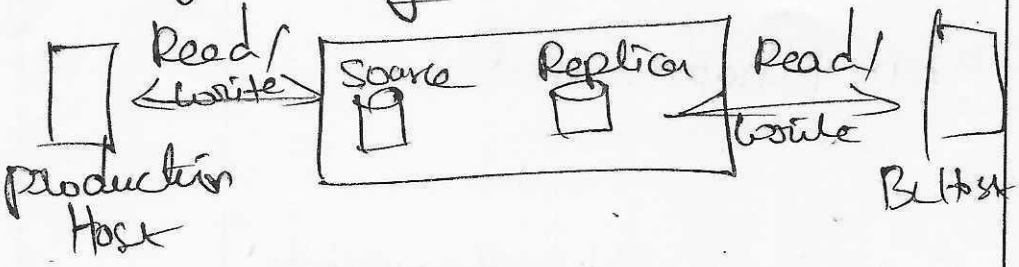
Q. No	Details of the Answer	Marks Distribution	Total marks
9.	i, Assets. Information, Hw, Sw and other infra Structure Components are Assets.	3	
	ii, Threats. Passive Attack, Data modification Attack. Dos. Repudiation.	4	10.
	iii, Vulnerability. Potential Attacks. Defense indepth. Layered approach to security.	3	
	(or)		
10.	Storage Array based local Replication  	5.	10.
	i, Full Volume mirroring.	5	
	ii, Pointer Based full Volume Replication.		

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Kanakapura Main Rd, Doddakallasandra, Bangalore 560 061.
Email: cityengineering123@gmail.com Website: www.cityengineeringcollege.ac.in
Ph: 080 - 22560853 Mob: 98804 [illegible]

NAAC ACCREDITED

INTERNAL ASSESSMENT BOOK

Name: Benitta Hathsiyal X USN: 1CE20CS019

Branch: CSE Semester: VIII Section: A

Sub Code: 18CS822 Subject: SAN

Sl. No	Particulars	Date	Page No.	Max. Marks	Marks Awarded	Signature of Staff Incharge
1.	Test - 1	26/03/24	01 - 14	50	48	27/3/24
2.	Test - 2	18/04/24	15 - 28	50	50	
3.	Test - 3	08/05/24	29 - 43	50	50	

CERTIFICATE

This is to certify that Mr./Ms. Benitta Hathsiyal - X bearing USN 1CE20CS019 has satisfactorily completed the course of Internal assessment prescribed by the Visvesvaraya Technological University for Semester VIII Branch CSE for the academic year 2023-2024

	MARKS AWARDED		
	Test Marks	Assignment Marks	Final I.A Marks
Maximum	30	10	40
Obtained	30	10	40

Signature of Student | Signature of Staff Incharge | Signature of H.O.D

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Branch : CS Semester : 8

Sl NO.	USN	18CS822
1	1CE19CS036	32
2	1CE20CS001	33
3	1CE20CS002	39
4	1CE20CS003	36
5	1CE20CS004	33
6	1CE20CS005	39
7	1CE20CS006	37
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35	1CE20CS037	40
36	1CE20CS038	37

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Sl NO.	USN	18CS822
37	1CE20CS039	38
38	1CE20CS040	39
39	1CE20CS041	30
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41	1CE20CS043	37
42	1CE20CS044	39
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44	1CE20CS046	38
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66	1CE20CS070	34
67	1CE20CS071	38
68	1CE20CS072	35
69	1CE20CS073	30
70	1CE20CS074	30
71	1CE20CS075	38
72	1CE20CS076	26
73	1CE20CS077	25
74	1CE20CS078	38
75	1CE20CS079	39

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Sl NO.	USN	18CS822
76	1CE20CS080	37
77	1CE20CS081	37
78	1CE20CS082	39
79	1CE20CS083	34
80	1CE20CS084	38
81	1CE20CS085	40
82	1CE20CS086	36
83	1CE20CS087	33
84	1CE20CS088	22
85	1CE20CS089	35
86	1CE20CS090	40
87	1CE20CS091	32

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Department of Electronics and Communication Engineering

Circular

This is to notify that 3rd Internals of 8th semester will be conducted on 18TH and 19TH APRIL 2024

10.30am-12.00pm -18EC81 (Internet of Things)

10.30pm-12.00pm-18EC821 (Network security)

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Department of Electronics and Communication Engineering

8th semester 3rd Internal Time Table

DATE	10.30am-12.00pm	SUBJECT
18/04/2024	18EC81	Internet of Things
19/04/2024	18EC822	Network security

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Department Of ELECTRONICSandCOMMUNICATION Engineering			
8th SEM 3RD IA ROOM ALLOTMENT			
Sl.No	8 EC 'A'	18-04-2024 Thursday	19-04-2024 FRIDAY
		10.30am-12:00PM	10:30PM-12:00PM
	USN	A103	A103
1	1CE20 EC 001	A103	A103
2	1CE20 EC **002**	A103	A103
3	1CE20 EC 003	A103	A103
4	1CE21EC 400	A103	A103
5	1CE21EC401	A103	A103

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Department Of ELECTRONICS andcOMMUNICATION Engineering			
8th SEM 3RD IA FACULTY DUTY ALLOTMENT			
Sl.No	NAME OF THE FACULTY	18-04-2024 Thursday	19-04-2024 FRIDAY
		10.30am-12:00PM	10:30PM-12:00PM
1	Dr shaini Prasad	A103	_____
2	Shylaja	_____	A103

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INTERNAL ASSESSMENT BOOK

Name : KEERTHI A USN 1CE20EC002

Branch ELECTRONICS AND COMMUNICATION Semester VIII Section A

Sub Code: 18EC821 Subject: NETWORK SECURITY

Sl. No.	Particulars	Date	Page No.	Max. Marks	Marks Awarded	Signature of Staff Incharge
1.	Test - 1	26/03/24	1-8	40/30	36/27	
2.	Test - 2	25/04/24	9-14	40/30	34/26	
3.	Test - 3	04/05/24	15-22	40/30	38/29	
					108/82	

CERTIFICATE

This is to certify that Mr.//Ms. KEERTHI A bearing USN 1CE20EC002 has satisfactorily completed the course of Internal assessment prescribed by the Vivesvaraya Technological University for Semester VIII Branch EC for the academic year 2023 2024

MARKS AWARDED			
	Test Marks	Assignment Marks	Final I A Marks
Maximum	30	10	40
Obtained	27	10	37

Signature of Student

Signature of Staff Incharge 7/5/24.

Signature of H.O.D

skaleem

Visvesvaraya Technological University

IA / CIE Report June / July 2024 Examination.

CITY ENGINEERING COLLEGE, BANGALORE

Branch : EC Scheme : 2018 Semester : 8

Sl NO.	USN	18EC81	18EC821	18ECP83	18ECS84	18ECI85	STUDENT SIGNATURE
1	1CE20EC001	33	37	34	86	35	
2	1CE20EC002	35	37	38	95	36	
3	1CE20EC003	23	26	28	81	26	
4	1CE21EC400	23	23	26	78	25	
5	1CE21EC401	36	36	38	96	35	
--x--	Faculty Signature						----XXXXXXX----

* - values are either optional subjects or the faculty has not yet entered the marks
TH - Theory part of CIE Marks (IPCC)
PR - Practical part of CIE Marks (IPCC)
T - Total CIE Marks (IPCC)

HOD
Seal and Signature

Professor & Head
Dept. of Electronics & Communication Engineering
City Engineering College,
Doddakallasandra, Kanakapura Main Rd
Bangaluru-560 061.

PRINCIPAL
Seal and Signature

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USN | 1 | C | E | | | | | | | |

COURSE CODE:18EC821

CITY ENGINEERING COLLEGE

FIRST INTERNAL TEST

Programme: ELECTRONICS AND COMMUNICATION
Course : Network Security
Sem& Sec: 8 A
Duration: 1 ½ hrs.

Date:26/03/2024
Time: 2:30 PM-4:00 PM
Max Marks: 40

Note: Answer all Questions selecting any ONE FULL question from each part.

Q No	Questions	Marks	CO's	BT'S
	PART-A			
1	Why a security is needed? Brief. Enumerate the salient features of modern nature of attacks.	10	CO1	L1, L2
	OR			
2	Explain the principles of security with necessary diagrams.	10	CO1	L1, L2
	PART-B			
3	What are Active attacks? Explain Masquerade, Replay attack, Alteration of messages and Denial of service.	10	CO1	L1, L2
	OR			
4	Mention the programs that attack computer systems. Explain Virus and its four phases of lifetime.	10	CO1	L1, L2
	PART-C			
5	Highlight the key characteristics of the four generations of anti-virus software.	10	CO1	L1, L2
	OR			
6	Tabulate the Web Security Threats, consequences and countermeasures with respect to Integrity, confidentiality, Denial of service and Authentication.	10	CO2	L1, L2
	PART-D			
7	Explain with neat figures, the three-level web traffic security approaches.	10	CO2	L1, L2
	OR			
8	Describe SSL architecture with SSL protocol stack.	10	CO2	L1, L2

Blooms Taxonomy Levels (BTL): *BT1-Remembering* *BT2- Understanding*
Course Outcomes (CO's): CO1: Explain network security services and mechanisms and explain Security concepts
CO2: Understand the concept of transport level security and SSL.

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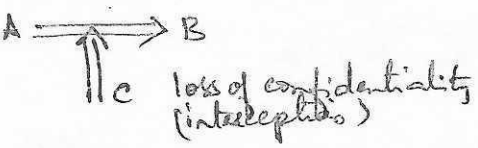
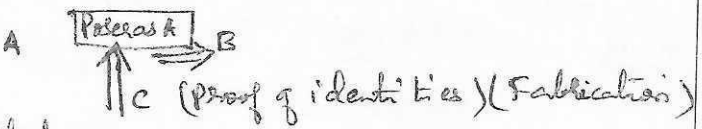
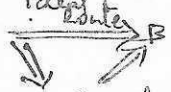
DEPARTMENT OF ELCECTRONICS & COMMUNICATION ENGINEERING

SCHEME FOR VALUATION- *2023-24*

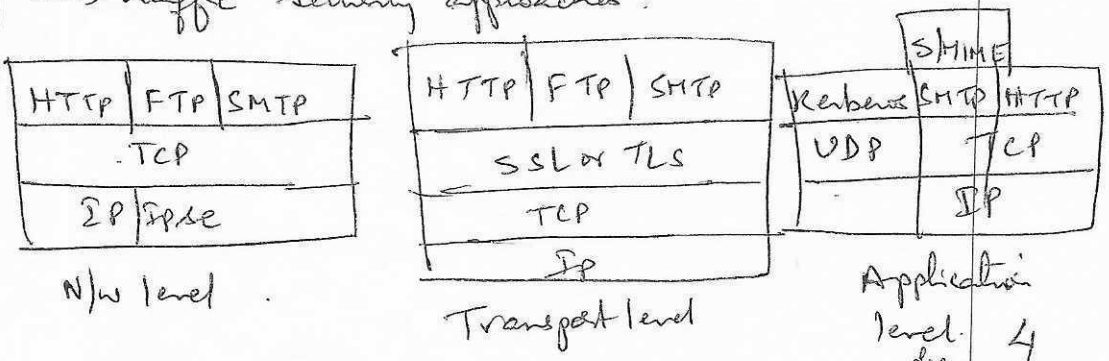
INTERNAL TEST: 01

Semester & Section: 8 | A **Sub Code:** 18EC821 **Sub Name:** Network Security **Date:** 26-3-24

Question No.	Details of the Answer	Marks Distribution	Total Marks
1.	Need of Security - Importance of data - To handle or cover financial & personal data - To authenticate a user. - To encode database info. - To avoid intender capturing the data	5	
	Salient features of modern nature of attacks: - Automating attacks - Privacy concerns - Distance no matter	5	10
2.	Principles of security - confidentiality, Authentication, Integrity & Non-repudiation. Confidentiality - 	3	
	Authentication: 	3	
	Integrity:  (loss of integrity) (modification)	3	
	Non-repudiation - Refusal of info. sent. (denial of doing)	1	10
3	Active attacks are modifying the original message or creation of false message. Not an easy way to prevent.	1	
	Masquerade - Trying to pose as another entity.	3	
	Replay attack - Modifications & resending	3	
	Alteration of messages - changes to original data	3	
	Denial of service - Attempt to prevent legitimate use from accessing services.		10

Staff S.S.S.K

HOD

Question No.	Details of the Answer	Marks Distribution	Total Marks
7	web traffic security approaches :  N/w level. Transport level. Application level.	fig. 4 Expln 6	10
8	Secure socket layer. architecture. SSL protocol stack explanation	3 3 4	10

Staff SKC.

SKC

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DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Circular

This is to notify that 3rd Internals of 8th semester will be conducted on 18/04/2024

10.30am-12.00pm -18CS81 (Internet of Things)

2.30pm-4.00pm-18CS822 (Storage Area Network)

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DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

8th semester 3rd Internal Time Table

18/04/2024	10.30am-12.00pm	2.30pm-4.00pm
Subject Code	18CS81	18CS822

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Department Of Information Science and Engineering

8th SEM 3RD IA FACULTY DUTY ALLOTMENT

Sl.No	NAME OF THE FACULTY	18-04-2024 Thursday	18-04-2024 Thursday
		10.30am-12:00PM	2:30PM-4:00PM
1	Mrs. Shruthi B S	C201	-----
2	Mrs. Swetha A	C202	------
3	Mrs. Vibhavi R N	C203	------
4	Ms. Shravya S	------	C201
5	Mr. John Peter	-----	C202
6	Mrs. Nayana R K	------	C203

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Room Allotment for 3rd InternalTest_UG –8thSemester_18thApril2024

ROOMNO:-CS-203

SeatNo.	8SEMISB
	USN
1	1CE20IS001
2	1CE20IS002
3	1CE20IS003

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Department of Information Science and Engineering

VIII SEMESTER - SECTION: B **III INTERNAL TEST**

ROOM No: C-203

SI No.	USN	Morning	Afternoon
		18CS81	18CS822
1	1CE201S001	Aisha Kumari	Aisha Kumari
2	1CE201S002		
3	1CE201S003	Likith R	Likith R
No. of Students Present		03	03
No. of Students Absent		—	—
Staff Signature			

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USN | 1 | C | E | | | | | | | |

COURSECODE:18CS822

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THIRD INTERNAL TEST

Programme:CS/IS
Course Name:Storage Area Networks
Sem:VIII A&B
Duration:1½Hrs

Date:08/05/2024
Time:2:30PM–4:00PM

MAX MARKS:50

Note:Answer any FIVE questions choosing at least ONE from each part

			CO'S	BT'S
	Part –A			
1.	Describe Backup and restore operations.	10	CO1	BT1
	OR			
2.	Discuss different backup topologies.	10	CO1	BT1
	Part– B			
3.	Mention Major Local replication technologies. Explain network based local replication	10	CO1	BT1, BT2
	OR			
4.	A) Discuss flushing the file system buffer. B) Explain the uses of local replicas.	5 5	CO1	BT1,BT3
	Part-C			
5.	Explain host based remote replication with neat diagram.	10	CO2	BT1, BT2
	OR			
6.	A) Difference between synchronous and asynchronous remote replication modes. B) Explain FCSCAN security architecture with a neat diagram.	5 5	CO2	BT2, BT3
	Part-D			
7.	Explain storage security domains.	10	CO2	BT2, BT3
	OR			
8.	What is remote replication? Explain storage array based remote replication.	10	CO2	BT1, BT2
	Part-E			
9.	Write a note on i) Assets ii) Threats iii) Vulnerability	10	CO2	BT2, BT3
	OR			
10.	Explain storage array based local replication in detail.	10	CO2	BT3, BT4

BloomsTaxonomyLevels(BTL):
BT1- RememberingtheconceptsBT2-UnderstandingBT3 –ApplyingBT4 –AnalyzingBT5-Evaluating
CourseOutcoines(CO's):
CO1: Understand the techniques and summarize the concepts

CO2: Investigate the concepts and apply the same

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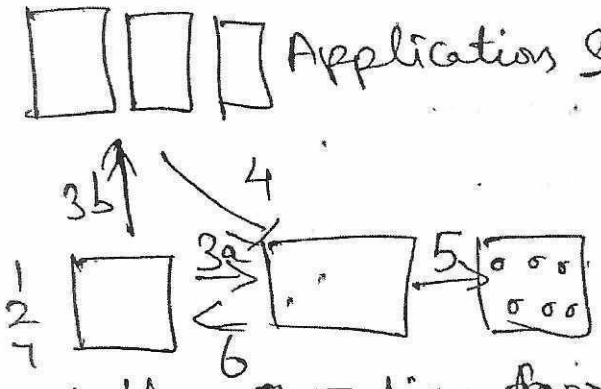
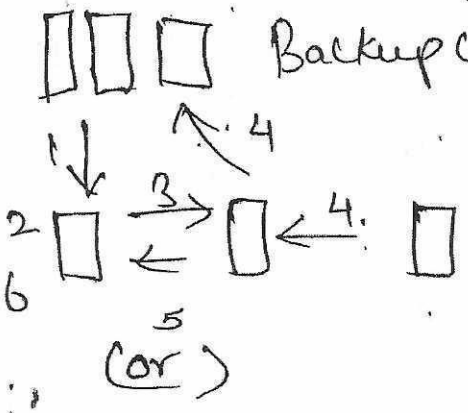
CITY ENGINEERING COLLEGE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SCHEME FOR EVALUATION

CIE TEST – III

SEMESTER &SECTION: VIII & A, B. DATE: 8.05.2024

Q. No	Details of the Answer	Marks Distribution	Total marks
1.	Backup and restore operations.		
		5	10
	Listing out the operations carried out in Backup.		
	Restoration		
		5.	
	(or)		
2.	Backup Topologies:		
	i Direct attached backup		

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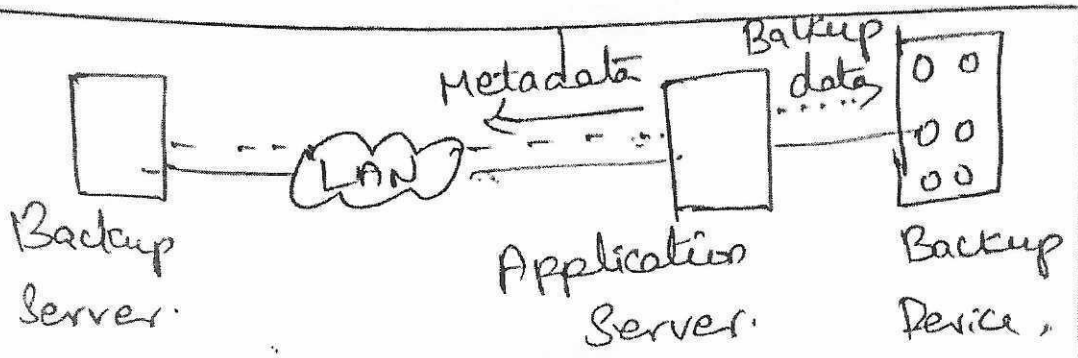
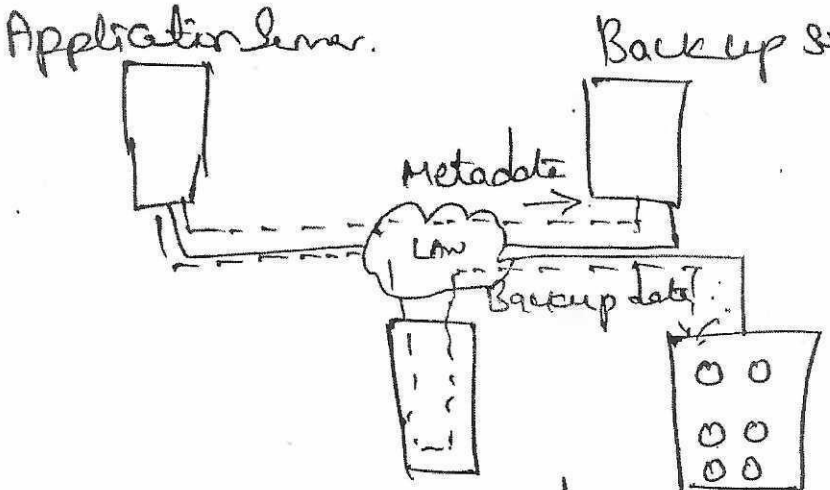
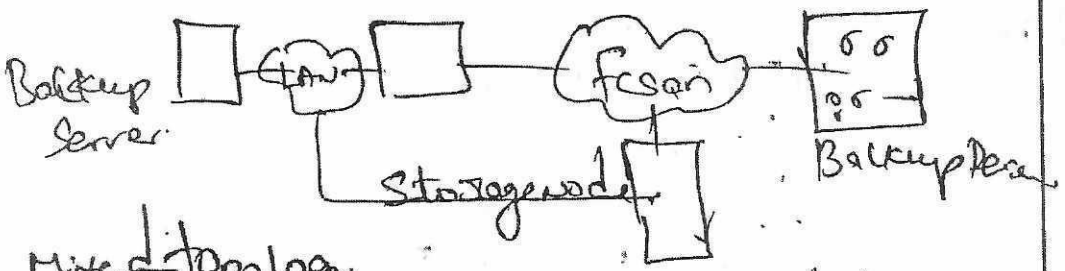
Q. No	Details of the Answer	Marks Distribution



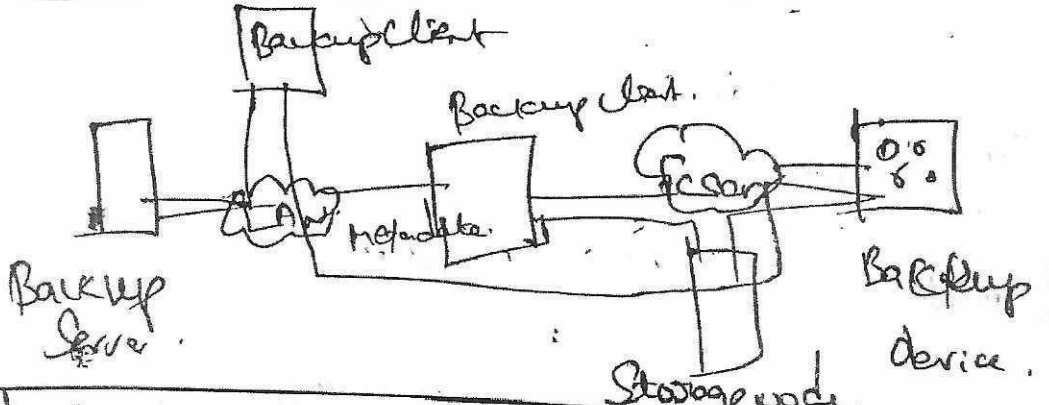
ii, LAN Based backup.



iii, SAN based backup.



iv, Mixed topology



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Details of the Answer	Marks Distribution	Total marks
Major Local Replication technologies. 1. Snapshot replication. 2. Mirroring 3. Asynchronous Replication. 4. Cloning.	3	
Network based local Replication involves Replicating data b/w Storage S/m over a N/w within a LAN or SAN.	2	10.
1. Storage Array Based. 2. Host Based. 3. File Based. 4. Block Level.	5	
(or).		
A, Flushing the S/m buffer refers to. Data held in memory buffer by the file S/m is written to disk.	Explanation (5)	
B, Uses of Local Replicas 1. Alternative source for backup. 2. Fast recovery. 3. Testing platform. 4. Data migration 5. Decision Support.	5	10.

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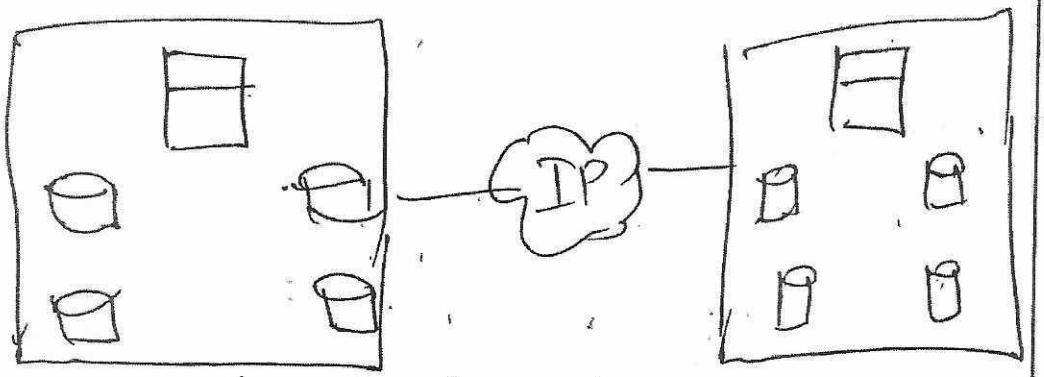
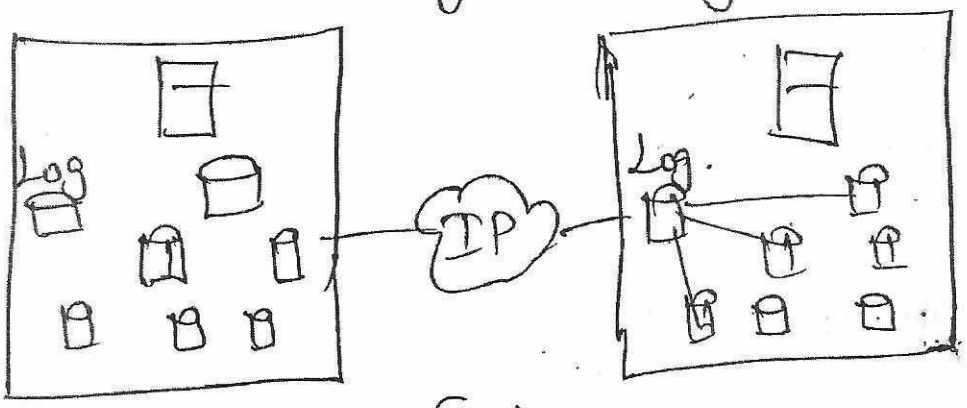
Q. No	Details of the Answer	Marks Distribution	To ma
5.	Host Based Remote Replication. → LVM-Based Remote Replication  → Host based log shipping.  	5 5	10
	(Or)		
6.	A. Synchronous: write must be Committed to the source and the target prior to acknowledging write Complete to the production host. Asynchronous: A write is Committed to the source and immediately acknowledged to the host. B. FCSCAN. Multiple Integrated layers for Security with Architecture diagram	5 5	18

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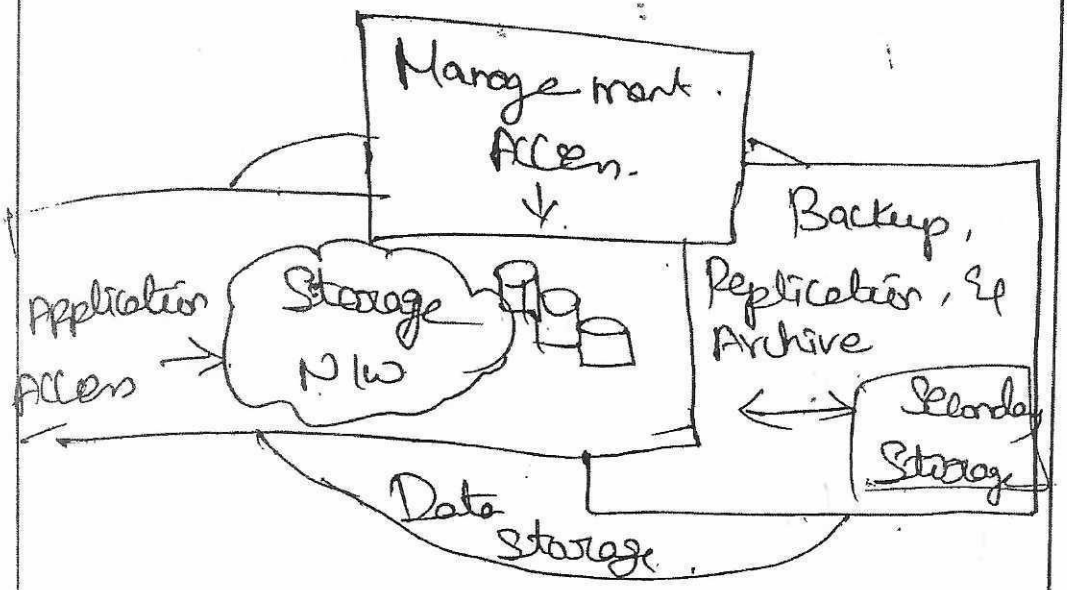
Q. No	Details of the Answer	Marks Distribution	Total marks
7.	Storage Security Domains. 	10	10.
	(or).		
8.	Remote Replication. Replicas of information assets at the remote sites organization mitigate the risks.	3.	
	Storage Array Based Remote Replication: i) Synchronous Replication Mode ii) Asynchronous Replication mode iii) Disk Buffered Replication mode.	7	10.

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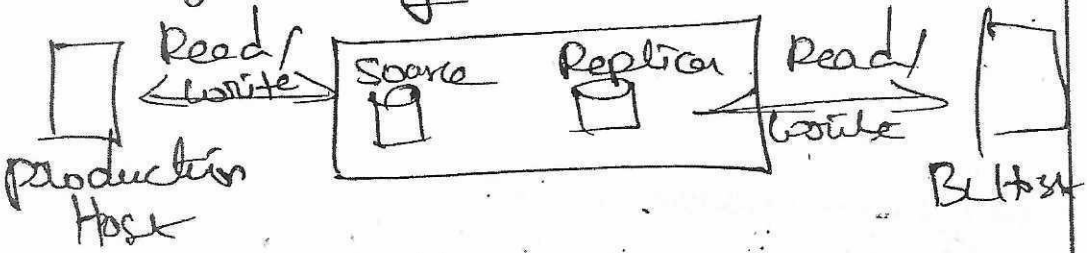
Q. No	Details of the Answer	Marks Distribution	Total marks
9.	i, Assets. Information, H/w, S/w and other infrastructure Components are Assets.	3	
	ii, Threats: Passive Attack, Data modification Attack. Dos. Repudiation.	4	10
	iii, Vulnerability. Potential Attacks. Defense indepth. Layered approach to security.	3	
	(or)		
10.	Storage Array based local Replication  	5	10
	i, Full Volume mirroring. ii, Pointer Based full Volume Replication	5	

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Ph: 080 - 22560313 Mob: 98804 11365

NAAC ACCREDITED

INTERNAL ASSESSMENT BOOK

Name : Aayusha Kumari USN 1CE20IS001

Branch ISE Semester 8th Section 'B'

Sub Code: 18CS822 Subject: SAN

Sl. No.	Particulars	Date	Page No.	Max. Marks	Marks Awarded	Signature of Staff Incharge
1.	Test - 1	26/03/24		50	46	
2.	Test - 2	18/04/24		50	36	
3.	Test - 3	8/05/24		50	48	

CERTIFICATE

This is to certify that Mr.//Ms. Aayusha Kumari *bearing USN* 1CE20IS001 *has satisfactorily completed the course of Internal assessment prescribed by the Vivesvaraya Technological University for Semester* 8th *Branch* ISE *for the academic year 20* 23 *20* 24.

MARKS AWARDED	Test Marks	Assignment Marks	Final I A Marks
Maximum	30	10	40
Obtained	26	10	36

Signature of Student *Signature of Staff Incharge* *Signature of H.O.D*

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INTERNAL ASSESSMENT BOOK

Name: Amisha Rashminath USN 1CE20IS002

Branch Information Science & Engineering Semester 8th Section B

Sub Code: 18CS82 Subject: Storage Area Networks

Sl. No.	Particulars	Date	Page No.	Max. Marks	Marks Awarded	Signature of Staff Incharge
1.	Test - 1	26/02/2024		50	35	
2.	Test - 2	18/04/2024		50	45	
3.	Test - 3	8/5/2024		50	45	

CERTIFICATE

This is to certify that Mr./Ms. Amisha Rashminath bearing USN 1CE20IS002 has satisfactorily completed the course of Internal assessment prescribed by the Vivesvaraya Technological University for Semester 8th Branch I.S for the academic year 2023 20 24

	MARKS AWARDED		
	Test Marks	Assignment Marks	Final I A Marks
Maximum	30	10	40
Obtained	25	10	35

Amisha Rashminath
Signature of Student

Signature of Staff Incharge

Signature of H.O.D

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Kanakapura Main Rd, Doddakallasandra, Bangalore
Email: cityengineering12@gmail.com
Ph: 080-

NAAC ACCREDITED

INTERNAL ASSESSMENT BOOK

Name : Likhith . R . J USN: 1CE20IS003

Branch ISE Semester VIII Section B

Sub Code: 18CS822 Subject: SAN

Sl. No.	Particulars	Date	Page No.	Max. Marks	Marks Awarded	Signature of Staff Incharge
1.	Test - 1	26-3-24		50	50	
2.	Test - 2	18-4-24		50	30	
3.	Test - 3	8-5-24		50	32	

CERTIFICATE

This is to certify that Mr./~~Ms.~~ Likhith . R . J bearing USN 1CE20IS003 has satisfactorily completed the course of Internal assessment prescribed by the Visvesvaraya Technological University for Semester VIII Branch ISE for the academic year 2023-2024

	MARKS AWARDED		
	Test Marks	Assignment Marks	Final I A Marks
Maximum	30	10	40
Obtained	22	10	32

Likhith R J
Signature of Student

Signature of Staff Incharge

Signature of HOD

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CITY ENGINEERING COLLEGE, BANGALORE

Branch : IS Semester : 8

Sl NO.	USN	18CS822
1	1CE20IS001	36
2	1CE20IS002	35
3	1CE20IS003	32

Draft, As Entered in VTU CIE Portal on 2024-05-25 11:54:15

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Near Doddakallasandra Metro Station,
Doddakalasandra, Bangalore – 560 062

`Department of Mechanical Engineering

Circular

This is to notify that 3rd Internals of 8th semester will be conducted on 10/05/2024

10.30am-12.00pm -18ME81 (Energy Engineering)

2.30pm-4.00pm-18ME822 (Tribology)

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3rd IA Time Table

DATE	TIME	SUBJECT CODE
10-05-2024	10:30-12:30	18ME81
10-05-2024	2:30-4:30	18ME822

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`Department of Mechanical Engineering

8th semester 3rd Internal Duty Allotment

10/05/2024	10.30am-12.00pm	2.30pm-4.00pm
Faculty Name	**PROF.ANIL KUMAR R**	**PROF.HARSHA VARDHAN U**

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`Department of Mechanical Engineering

8th semester 3rd Internal Duty Allotment

10/05/2024	10.30am-12.00pm	2.30pm-4.00pm
Room No	A307	A307

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Department of Mechanical Engineering

8th semester 3rd Internal Attendance

Sl No	USN	10.30am-12.00pm	2.30pm-4.00pm
		18ME81	18ME822
1	1CE20ME001	Suhas . B	Suhas . B
2	1CE20ME001	Abhilash.	Abhilash.
	No of Absent	— Nil —	— Nil —

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Kanakapura Main Rd, Doddakalasandra, Bangalore 560 061.
Email: cityengineering123@gmail.com Website: www.cityengineeringcollege.ac.in
Ph: 080 - 22560313 Mob: 98804 11365

NAAC ACCREDITED

INTERNAL ASSESSMENT BOOK

Name: Suhas·B USN 1CE20ME001

Branch Mechanical Semester VIII Section

Sub Code: 18ME81 Subject: Energy Engineering.

Sl. No.	Particulars	Date	Page No.	Max. Marks	Marks Awarded	Signature of Staff Incharge
1.	Test - 1	26/03/2024	1-8	50	44	
2.	Test - 2	19/04/2024	9-16	50	45	
3.	Test - 3	10/05/2024	17-24	50	46	

CERTIFICATE

This is to certify that Mr./~~Ms.~~ Suhas·B bearing

USN 1CE20ME001 has satisfactorily completed the course of Internal assessment prescribed by the Vivesvaraya Technological University for Semester 8th Branch Mechanical for the academic year 20 ..... 20 .....

MARKS AWARDED	Test Marks	Assignment Marks	Final I A Marks
Maximum	30	10	40
Obtained	27	10	37

Signature of Student

Signature of Staff Incharge

Signature of H.O.D

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USN | | | | | | | | | |

COURSE CODE: 18ME81

CITY ENGINEERING COLLEGE
FIRST INTERNAL TEST

PROGRAMME: MECHANICAL ENGINEERING
COURSE NAME: Energy Engineering
SEM: 8TH 'A'
Duration: 1.30 Hrs

DATE: 26/03/2024
TIME: 10:30AM – 12:00PM
MAX MARKS: 50

Note: Answer any FIVE questions choosing at least one from each Part.

Q no.	PART – A	M	CO'S	BT'S
1.	Explain briefly steps involved in coal handling.	10	C01	BT2
	OR			
2.	With a neat sketch explain induced draught cooling tower.	10	C01	BT2
	PART – B			
3.	With a neat sketch explain the working of Bensen boiler.	10	C01	BT2
	OR			
4.	Explain the working of down draft gasifier.	10	C02	BT2
	PART-C			
5.	Explain the following 1. Superheater 2, Air preheater	10	C01	BT2
	OR			
6.	With a neat sketch explain horizontal and vertical axis wind machines	10	C03	BT2
	PART-D			
7.	Explain Induced Draught System.	10	C01	BT2
	OR			
8.	With a neat diagram, explain closed cycle Rankine cycle OTEC system.	05	C03	BT2
	PART-E			
9.	With a neat sketch explain Pyranometer	10	C01	BT2
	OR			
10.	With a neat sketch explain the working of pressurized water reactor.	06	C03	BT2

Blooms Taxonomy Levels (BTL)

BT1- Remembering **BT2**- Understanding **BT3** – Applying **BT4** – Analyzing **BT5**- Evaluating **BT6**- Creating.

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CITY ENGINEERING COLLEGE

DEPARTMENT OF Mechanical Engineering

SCHEME FOR VALUATION

Internal Test ... 1st

Semester & Section :- 8th & A

Date: 26/03/2024

Question No.	Details of the answer	Marks Distribution	Total Marks
1	Steps involved in coal handling	10	10
2.	Sketch Explanation	04 06	10
3.	Sketch Explanation	04 06	10
4.	Sketch Explanation	04 06	10
5.	Superheater Air preheater	05 05	10
6.	Horizontal Axis Machine Vertical Axis Machine	05 05	10
7.	Sketch Explanation	04 06	10
8.	Sketch Explanation	04 06	10

Staff

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DEPARTMENT OF Mechanical Engineering

SCHEME FOR VALUATION

Internal Test 1st

Semester & Section 8th & A

Date:

Question No.	Details of the answer	Marks Distribution	Total Marks
9	Sketch	04	10
	Explanation	06	
10.	Sketch	04	10
	Explanation	06	

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Visvesvaraya Technological University

IA / CIE Report June / July 2024 Examination.

CITY ENGINEERING COLLEGE, BANGALORE

Branch : ME Scheme : 2018 Semester : 8

Sl NO.	USN	18ME81	18ME822	18MEP83	18MES84	18MEI85	STUDENT SIGNATURE
1	1CE20ME001	37	36	34	80	34	
2	1CE20ME002	26	25	24	53	25	
--x--	Faculty Signature						----xxxxxxx----

* - values are either optional subjects or the faculty has not yet entered the marks
TH - Theory part of CIE Marks (IPCC)
PR - Practical part of CIE Marks (IPCC)
T - Total CIE Marks (IPCC)

HOD
Seal and Signature

HEAD OF THE DEPARTMENT
Mechanical Engineering
CITY ENGINEERING COLLEGE
Doddakallasandra, Kanakapura Main Road
BANGALORE - 560 061

PRINCIPAL
Seal and Signature

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CITY
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07/05/2024

CIRCULAR

Dear Students of 2nd Semester,

The college's discipline committee, led by Principal, has decided to confiscate your mobile phones if you are found to have engaged in any kind of malpractice during the internal assessment. This is in an effort to enforce discipline during the assessment process.

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CITY
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07/05/2024

1st INTERNAL ASSESSMENT SCHEDULE - 2nd SEMESTER

Date	Time	Course Code		Course
15/05/2024 (Wednesday)	10.00am – 11.00am	P-CYCLE	BMATS201	Mathematics-II for CSE Stream
		C-CYCLE	BMATS201/BMATE201/ BMATC201	Mathematics-II for CSE Stream/Mathematics-II for EESI /Mathematics-II for Civil Engg Stream
	1.00pm-2.00pm	P-CYCLE	BPWSK206	Professional writing skills in English
		C-CYCLE	BPWSK206	Professional writing skills in English
16/05/2024 (Thursday)	10.00am – 11.00am	P-CYCLE	BPHYS202	Applied Physics for CSE Stream
		C-CYCLE	BCHES202/ BCHEC202/ BCHEE202	Applied Chemistry for CSE Stream/ Applied Chemistry for Civil Engineering stream/
	1.00pm-2.00pm	P-CYCLE	BETCK205H	Introduction to Internet of Things (IoT)
		C-CYCLE	BESCK204C	Introduction to Electronics Communication
17/05/2024 (Friday)	10.00am – 11.00am	P-CYCLE	BESCK204D + Civil Students	Introduction to Mechanical Engineering
		C-CYCLE	--	--
	1.00pm-2.00pm	P-CYCLE	BPOPS203	Principles of Programming Using C
		C-CYCLE	BPLCK205B	Introduction to Python Programming

*Note: 1. Changed Timings

2. IA for Courses not listed here will be conducted during 2nd IA

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2nd SEMESTER- 1st INTERNAL ASSESSMENT

FACULTY INVIGILATION DUTY ALLOTMENT

08/05/2024

Sl.No	NAME OF THE FACULTY	Department	15/05/2024 (Wednesday)		16/05/2024 (Thursday)		17/05/2024 (Friday)		Total Number of Duties	Signature
			10.00am – 11.00am	1.00pm-2.00pm	10.00am – 11.00am	1.00pm-2.00pm	10.00am – 11.00am	1.00pm-2.00pm		
1	Mrs. Vanitha G R	MAT		A306		A307			2	
2	Mrs. Rekha R	MAT		A305		A306			2	
3	Mrs. Anitha C V	MAT	A304		A305		A104	A105	4	
4	Miss. Janavi R	MAT	A306		A307		A103	A304	4	
5	Ms. Bhavitha B G	MAT	A305		A303		A102	A303	4	
6	Ms. Meghana D	HS		A304		A305			2	
7	Mrs. Swaroopini B S	HS	A304	A308	A107		A107		4	
8	Mr. Vishvakiran R. C.	ECE	A303	A302	A106		A106		4	
9	Mr. Gopikishan J	ECE	A302	A107	A105		A105		4	
10	Mr. Mahesh Basavaraj	AIML	A107	A106	A104		A104		4	
11	Mr. Harsha Vardhan U	ME	A106	A105	A304			A104	4	
12	Mr. Anil Kumar R	ME	A105	A104		A304		A105	4	

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13	Mrs. Shruthi Naik	ME	A004	A103		A003		A104	4	
14	Mr. Vinay Kumar S N	CV	A103	A102		A102		A102	4	
15	Ms. Spoorthi M	CSE	A102	A002		A101		A101	4	
16	Ms. Monisha G B	CSE	A001	A003		A106			3	
17	Mrs. Nayana R K	ISE	A008	A005		A105			3	
18	Mrs. Nayana H J	ISE	A005	A004		A104			3	
19	Mr. Mathivanan M	ISE	A004	A008			A307		3	
20	Mr. Dinesh	PHY	A003		A007		A306	A103	4	
21	Mr. Sadashiva	CHE		A307	A306		A309	A105	4	

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CITY ENGIINEERIING COLLEGE

Doddakallasandra, Bangalore - 560 062

Room Allotment for 1st Internal Test_ UG - 2 Semester _ 15/16/17 May 2024

ROOM NO:- A-307

Seat No.	II-A USN	Seat No.		Seat No.	II-A USN	Seat No.		Seat No.	II-A USN	Seat No.	
1	1CE23AI001	2		15	1CE23AI008	16		29	1CE23AI015	30	
3	1CE23AI002	4		17	1CE23AI009	18		31	1CE23AI016	32	
5	1CE23AI003	6		19	1CE23AI010	20		33	1CE23AI017	34	
7	1CE23AI004	8		21	1CE23AI011	22		35	1CE23AI018	36	
9	1CE23AI005	10		23	1CE23AI012	24		37	1CE23AI019	38	
11	1CE23AI006	12		25	1CE23AI013	26		39	1CE23AI020	40	
13	1CE23AI007	14		27	1CE23AI014	28		41	1CE23AI021	42	

ROOM NO:- A-306

Seat No.	II-A USN	Seat No.		Seat No.	II-A USN	Seat No.		Seat No.	II-A USN	Seat No.	
1	1CE23AI022	2		15	1CE23AI029	16		29	1CE23AI036	30	
3	1CE23AI023	4		17	1CE23AI030	18		31	1CE23AI037	32	
5	1CE23AI024	6		19	1CE23AI031	20		33	1CE23AI038	34	
7	1CE23AI025	8		21	1CE23AI032	22		35	1CE23AI039	36	
9	1CE23AI026	10		23	1CE23AI033	24		37	1CE23AI040	38	
11	1CE23AI027	12		25	1CE23AI034	26		39	1CE23AI041	40	
13	1CE23AI028	14		27	1CE23AI035	28		41	1CE23AI042	42	

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ROOM NO:- A-305

Seat No.	II-A USN	Seat No.		Seat No.	II-A USN	Seat No.		Seat No.	II-A USN	Seat No.	
1	1CE23AI043	2		15	1CE23AI051	16		29	[illegible]	30	
3	1CE23AI044	4		17	1CE23AI052	18		31	[illegible]	32	
5	1CE23AI045	6		19	1CE23AI053	20		33	1CE23AI060	34	
7	1CE23AI047	8		21	1CE23AI054	22		35	1CE23AI061	36	
9	1CE23AI048	10		23	1CE23AI055	24		37	[illegible]	38	
11	1CE23AI049	12		25	1CE23AI056	26		39	[illegible]	40	
13	1CE23AI050	14		27	1CE23AI057	28		41		42	

ROOM NO:- A-304

Seat No.	II-B USN	Seat No.		Seat No.	II-B USN	Seat No.		Seat No.	II-B USN	Seat No.	
1	1CE23IS001	2		15	1CE23IS009	16		29	[illegible]	30	
3	1CE23IS002	4		17	1CE23IS010	18		31	[illegible]	32	
5	1CE23IS003	6		19	1CE23IS011	20		33	1CE23IS018	34	
7	1CE23IS004	8		21	1CE23IS012	22		35	1CE23IS019	36	
9	1CE23IS005	10		23	1CE23IS013	24		37	[illegible]	38	
11	1CE23IS006	12		25	1CE23IS014	26		39	[illegible]	40	
13	1CE23IS008	14		27	1CE23IS015	28		41	[illegible]	42	

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CITY ENGINEERING COLLEGE

Civil / Electronics and communication engineering

II SEMESTER- SECTION: C - Chemistry Cycle - FIRST INTERNAL TEST

ROOM No:A-106

Sl No.	USN	DATE/SUBJECT CODES	
		15/5/2024	
		Morning	Afternoon
		BMATE201/ BMATC201	BPWSK206
1	1CE23CV001	AMRUTH-S	Amruth S
2	1CE23CV002	Lavanya.R	Lavanya.R
3	1CE23EC001	Ajay Kumar.R	Ajay Kumar.R
4	1CE23EC002	← AB →	← ABSENT →
5	1CE23EC003	[illegible]	[illegible]
6	1CE23EC004	Chirag	Chirag
7	1CE23EC005	Darsh	Darsh
8	1CE23EC006	Gjoshi..	Gjoshi..
9	1CE23EC007	Devika M.	Devika M.
10	1CE23EC008	[signature]	[signature]
11	1CE23EC009	[signature]	[signature]
12	1CE23EC010	G. Naveen Kumar	G. Naveen Kumar
13	1CE23EC011	← AB →	← AB →
14	1CE23EC012	← Gjoshi AB →	Gjoshi
15	1CE23EC013	[signature]	[signature]
16	1CE23EC014	[signature]	[signature]
17	1CE23EC015	Harshini	Harshini
18	1CE23EC016	Harshitha.K	Harshitha.K
19	1CE23EC017	Jeevitha	Jeevitha
20	1CE23EC018	[illegible]	[signature]
21	1CE23EC019	[illegible]	[signature]
	No. of Students Present	19	19
	No. of Students Absent	02	02
	Staff Signature	[signature]	[signature]

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USN | 1 | C | E | | | | | | | |

CITY ENGINEERING COLLEGE

Department of Chemistry II Semester

Sub: Applied Chemistry for CS Stream — Max. marks:25M

Sub code: BCHES202 — Duration: 1hour (10.00-11.00)

Date: 16/05/2024

FIRST INTERNAL TEST

Note:- Answer five questions, choosing one from each part.

Q.No.	Questions	Marks	CO's	L
	Part-A			
1.	Define corrosion? Explain Electrochemical theory of corrosion taking iron as an example?	5	CO3	L2
	OR			
2.	Explain polymer electrolyte membrane electrolysis (PEM)?	5	CO3	L2
	PART-B			
3.	What are photovoltaic cells? Explain the construction working of solar cell/ PV cell?	5	CO3	L2
	OR			
4.	Write a note on anodization?	5	CO3	L2
	PART-C			
5.	Define Ion selective electrode? Explain construction and working of Glass electrode?	5	CO3	L3
	OR			
6.	Explain the application of conductometry in the estimation of weak acid?	5	CO3	L3
	PART-D			
7.	EMF of the cell $Ag/AgNO_3$ (0.001M)// $AgNO_3$ (XM)/Ag is 0.0659V at 25°C. Find X	5	CO3	L5
	OR			
8.	A thick brass sheet of are 400 inches exposed to moist air. After 2 years of period it was found to experience a weight loss of 375g due to corrosion. If the density of brass is 8.70g/cm^3, calculate CPR in mpy & mmpy?	5	CO3	L5
	PART-E			
9.	Explain the conduction mechanism in polyacetylene through oxidative doping or through reductive doping?	5	CO4	L3
	OR			
10.	Define M_n, M_w. In a polymer sample 100 molwculews have molecular mass 10^3 g/mol. 200 molecules have molecular mass 10^4 g/mol and 250 molecules have molecular mass 10^5 g/mol. Calculate M_n, M_w.	5	CO4	L5

CO3--- Solve the problems in chemistry to describe the methods of engineering processes.

CO4--- Apply the basic concepts of chemistry to explain the chemical properties and processes.

L1-Remembering L2- Understanding L3-Applying L4- Analyzing L5-Evaluating.

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DEPARTMENT OF Chemistry

SCHEME FOR VALUATION

Internal Test I.

Semester & Section: II, A, B. { AIML & IS }.

Date: 16/05/24.

Question No.	Details of the answer	Marks Distribution	Total Marks
1.	Expl + reactions.		
	Anode:- $Fe \longrightarrow Fe^{2+} + 2e^-$	2+3	5M
	Cathode:-		
	Aerated & neutral, $O_2 + 2H_2O + 4e^- \longrightarrow 4OH^-$		
	Deaerated & neutral, $2H_2O + 2e^- \longrightarrow 2H_2 + OH^-$		
	Deaerated & acidic, $2H^+ + 2e^- \longrightarrow H_2$.		
2.	Anode:- In metal coated on Porous 'c'.		
	Cathode:- Pt metal coated on Porous 'c'	2+2+1	
	Electrolyte:- solid Porous Polymer electrolyte made of NAFION.		5M
	Anode: $H_2O \longrightarrow \frac{1}{2}O_2 + 2H^+ + 2e^-$		
	Cathode: $2H^+ + 2e^- \longrightarrow H_2$.		
	Components + reactions + fig.		
3.	Def + fig + $E = nD$ + Expl.	1+1+1+2	5M
4.	Fig + Expl.	1+4	5M
5.	Def + construction + working.	1+2+2	5M
	$E_D = \frac{RT}{F} \ln c_2 - \frac{RT}{F} \ln c_1$.		
	$- \frac{RT}{F} \ln c_1 + \frac{RT}{F} \ln c_2$.		
	$E_D = 2 \times 0.0591 pH$		

Staff

HOD

S. Kaulam

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CITY ENGINEERING COLLEGE

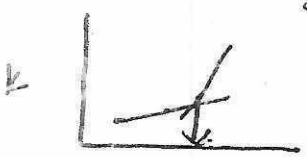
DEPARTMENT OF Chemistry

SCHEME FOR VALUATION

Internal Test I

Semester & Section: II & A,B (AIML & IS)

Date:

Question No.	Details of the answer	Marks Distribution	Total Marks
	$E_a = L_1 - 0.0591 pH$		
6	$H_3CCOOH + NaOH \longrightarrow H_3CCOONa + H_2O$	1+3+1	5M
	 Vol. of NaOH		
	Reaⁿ + Expl. + Graph		
7.	$E = \frac{2.303RT}{nF} \log \frac{C_2}{C_1}$	1+1+1+2	5M.
	$0.0659 = \frac{2.303 \times 8.314 \times 298}{1 \times 96500} \log \frac{(x)}{(0.001)}$		
	$\frac{6359.35}{5705.8483} = \log x - (-3)$		
	$1.1145 - 3 = \log x$		
	$-1.8855 = \log x$; $x = 0.0130$ M.		
8.	$CPR = \frac{KW}{P \times A \times t}$		
	$= \frac{584 \times 375 \times 1000}{8.73 \times 400 \times 2 \times 365 \times 24}$		
	$= \frac{200250000}{61179840}$		
	$= 3.27313$ mpy		
	$CPR = \frac{87.6 \times 375 \times 1000}{8.73 \times 400 \times 6.45 \times 2 \times 365 \times 24}$		
	$= \frac{32850000}{394609968}$		
	$= 0.0832$ mmpy.		

Staff

S Karlan

HOD

CITY ENGINEERING COLLEGE

DEPARTMENT OF Chemistry

SCHEME FOR VALUATION

Internal Test I

Semester & Section: I & A,B (AIML & IS)

Date: 16/5/24

Question No.	Details of the answer	Marks Distribution	Total Marks
9.	Synod Cond. Mech. using bands. Polaron, bipolaron, soliton, delocalisation of e^-	5M.	
10.	$\overline{M_n} = \frac{M_1N_1 + M_2N_2 + M_3N_3}{N_1+N_2+N_3}$ $= \frac{100\times10^3 + 200\times10^4 + 250\times10^5}{100+200+250}$ $= \frac{100000 + 2000000 + 25000000}{550}$ $\overline{M_n} = \frac{27100000}{550} = 49272.727$	2+1+2	5M.
	$\overline{M_w} = \frac{N_1M_1^2 + N_2M_2^2 + N_3M_3^2}{N_1M_1 + N_2M_2 + N_3M_3}$ $= \frac{100\times(10^3)^2 + 200\times(10^4)^2 + 250\times(10^5)^2}{27100000}$ $\overline{M_w} = 92992.6$ formula + subst Answ.		

Staff

HOD

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NAAC ACCREDITED

INTERNAL ASSESSMENT BOOK

Name: Akash. M. Sidral USN 1CE23IS008.

Branch Information Science Semester 2nd Section 'B'

Sub Code: BCHES202 Subject: Chemistry.

Sl. No.	Particulars	Date	Page No.	Max. Marks	Marks Awarded	Signature of Staff Incharge
1.	Test - 1	16/5	1-7	25	22	
2.	Test - 2			25	21.	
3.	Test - 3				43/2	= 21.5 x 0.6.
						13+10.
						IA Asst

CERTIFICATE

This is to certify that Mr./Ms. Akash. M. Sidral. bearing

USN 1CE23IS008 has satisfactorily completed the course of Internal assessment prescribed

by the Visvesvaraya Technological University for Semester 2nd Branch ISE

for the academic year 2023-2024

MARKS AWARDED	Test Marks	Assignment Marks	Final IA Marks
Maximum	15	10	25
Obtained	13	10	23

Akash M. Sidral.
Signature of Student

Signature of Staff Incharge

Signature of H.O.D

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Academic Year: 2023-24

Department of Artificial Intelligence & Machine Learning

1. Name of the Student: ABHIJNANA N
2. USN: 1CG21AI001
3. Year / Semester: 3rd / 5th.
4. Course Code / Course Name: 21AI54 / Principles of Artificial Intelligence.
5. Type of Grievances:
   a) Total Mistake
   b) Answer not evaluated : In Second Internal Test, Part-A, Q/2 b is not evaluated.
   c) Absentees
   d) Out of syllabus
6. Remarks:
   Part A Question 2 is unevaluated and given marks.

Course Instructor
Maheshwari Patil.
[MAHESHWARI PATIL]

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Academic Year: 2023-24

Department of Artificial Intelligence & Machine Learning

1. Name of the Student: Shaik Aliyaf
2. USN: 1CE21A1015
3. Year / Semester: 3rd / Vth SEM
4. Course Code / Course Name: 21RM156 / RM & IPR.
5. Type of Grievances:
   a) Total Mistake
   b) Answer not evaluated : In Internal-1, Q.1 b) Subdivision is not evaluated.
   c) Absentees
   d) Out of syllabus
6. Remarks:
   Subdivision b) is revaluated and given 3marks accordingly.

Course Instructor
[YINDHYA.R]

Vagdevi S
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Academic Year: 2023-24

Department of Computer Science & Engineering

1. Name of the Student: Aishwarya K H
2. USN: 1CE22CS009
3. Year / Semester: II / III
4. Course Code / Course Name: BCS303 / Operating System
5. Type of Grievances:
   a) Total Mistake ✓
   b) Answer not evaluated
   c) Absentees
   d) Out of syllabus
6. Remarks: Student reported issue with totalling mistake, the same has been verified and rectified (23 made 24)

Course Instructor
(Hina Nazneen)

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Academic Year: 2023-24

Department of Computer Science & Engineering

1. Name of the Student: Aapitha . M
2. USN: 1CE22CS018
3. Year / Semester: II / III
4. Course Code / Course Name: BCS303 / Operating System
5. Type of Grievances:
   a) Total Mistake
   b) Answer not evaluated ✓
   c) Absentees
   d) Out of syllabus
6. Remarks:
   Student reported answer from second internal has not been evaluated, the same has been addressed and rectified. (15 made to 16)

Course Instructor
(Hina Nazneen)

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Academic Year: 2023-24

Department of Electronics & Communication Engineering

1. Name of the Student: MANU G.S.
2. USN: 1CE23EC410
3. Year / Semester: 2nd Year – 3rd Sem
4. Course Code / Course Name: BEC302 – DSD Verilog.
5. Type of Grievances:
   a) Total Mistake
   b) Answer not evaluated ✓
   c) Absentees
   d) Out of syllabus
6. Remarks: 10.5 updated to 15.5. Re-evaluated the Answer.

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Academic Year: 2023-24

Department of Electronics & Communication Engineering

1. Name of the Student: ATHIRA GUPTAR.
2. USN: 1CE21EC004.
3. Year / Semester: 2023/ V
4. Course Code / Course Name: 21RM156/. Research Methodology & Intellectual Property Rights.
5. Type of Grievances:
   a) Total Mistake
   b) Answer not evaluated
   c) Absentees
   d) Out of syllabus
6. Remarks: Answer was evaluated but marks was not entered for the given question. Hence marks was entered and final marks updated 17 updated to 19

Course Instructor
S. Prasad.

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Academic Year: 2023-24

Department of Information Science & Engineering

1. Name of the Student: SAGAR.R.
2. USN: 1CE22IS044
3. Year / Semester: 02/03
4. Course Code / Course Name: BCS306A / OOPs with Java.
5. Type of Grievances:
   a) Total Mistake — Total Mistake.
   b) Answer not evaluated
   c) Absentees
   d) Out of syllabus
6. Remarks: Total mistake found, and Rechanged the Correct mark.

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Academic Year: 2023-24

Department of Information Science & Engineering

1. Name of the Student: Bharath H·K
2. USN: 1CE22IS008
3. Year / Semester: 2nd / 3rd sem
4. Course Code / Course Name: BCS304 / Data structure
5. Type of Grievances: Part-E, Question no 9, NOT Evaluated.
   a) Total Mistake
   b) Answer not evaluated
   c) Absentees
   d) Out of syllabus
6. Remarks:

Part-E, Question 9 - Re-evaluated and given Marks.

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Academic Year: 2023-24

Department of Applied Science & Humanities

1. Name of the Student: Adi.K.S
2. USN: 1CE23IS004
3. Year / Semester: First Year / First Sem
4. Course Code / Course Name: BMATS101 / Engineering Mathematics I
5. Type of Grievances:
   a) Total Mistake ✓
   b) Answer not evaluated
   c) Absentees
   d) Out of syllabus
6. Remarks: After revaluation of total marks the original marks has been corrected from 7 to 13.

Vanitha (Vanitha.G.R)
Course Instructor

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Academic Year: 2023-24

Department of Applied Science & Humanities

1. Name of the Student: Charitha.C
2. USN: 1CE23CS033
3. Year / Semester: First year / First sem
4. Course Code / Course Name: BSFHK158 / Scientific foundation o health.
5. Type of Grievances:
   a) Total Mistake ✓
   b) Answer not evaluated ✓
   c) Absentees
   d) Out of syllabus
6. Remarks: It was noted that previously recorded marks in the OMR sheet needed to be corrected. original mark has been changed from 25 to 27.

Course Instructor
(Meghana.D)

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Academic Year: 2023-24

Department of Artificial Intelligence & Machine Learning

1. Name of the Student: Kailash . Rao
2. USN: 1CE21AI010
3. Year / Semester: 3rd Year / 6th Sem
4. Course Code / Course Name: 21AI641 / Business Intelligence
5. Type of Grievances:
   a) Total Mistake
   b) Answer not evaluated : In Internal 3 Part B Q3 is not Evaluated
   c) Absentees
   d) Out of syllabus
6. Remarks:
   Question-3 is re-evaluated and given marks accordingly.

Course Instructor

[SANGEETHA . N]

N. Sangeetha

Vagdevi S

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Academic Year: 2023-24

Department of Artificial Intelligence & Machine Learning

1. Name of the Student: DIVYA · M
2. USN: 1CE21A1008
3. Year / Semester: 3rd / VI sem
4. Course Code / Course Name: 21AD62 / Data Science & Its Application.
5. Type of Grievances:
   ~~a)~~ Total Mistake : In Second Internal Test, Part-B, Q-3 was not Counted.
   b) Answer not evaluated
   c) Absentees
   d) Out of syllabus
6. Remarks: Revaluated and counted 93

Course Instructor
[NASRATH]

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Academic Year: 2023-24

Department of Computer Science & Engineering

1. Name of the Student: Abhishek . M. G
2. USN: 1CE21CS002
3. Year / Semester: 3rd / 6th sem
4. Course Code / Course Name: 21CS63/ Computer Graphics and Image Processing
5. Type of Grievances:
   a) Total Mistake
   b) Answer not evaluated ✓
   c) Absentees
   d) Out of syllabus
6. Remarks:
   Assignment questions were not evaluated, Same has be valuated and the marks has updated and rectified. (20 marks were added for the total).

Course Instructor

Swetha

Swetha. A

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Academic Year: 2023-24

Department of Computer Science & Engineering

1. Name of the Student: Darshan M Y.
2. USN: 1CG21CS031
3. Year / Semester: 3rd / 6th
4. Course Code / Course Name: 21CS62 / Full Stack Development.
5. Type of Grievances:
   ~~a) Total Mistake~~
   b) Answer not evaluated
   c) Absentees
   d) Out of syllabus
6. Remarks: The student reported with totalling error and the same has been verified and updated. (45 changed to 55).

Vibhavi R.N

Course Instructor

(VIBHAVI. R.N).

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Academic Year: 2023-24

Department of Electronics & Communication Engineering

1. Name of the Student: KENCHAPPA .Y.R.
2. USN: 1CE21EC016
3. Year / Semester: 3rd Yr – 6TH Sem
4. Course Code / Course Name: 21EC63 – VLSI DESIGN
5. Type of Grievances:
   a) Total Mistake ✓
   b) Answer not evaluated ✓
   c) Absentees
   d) Out of syllabus
6. Remarks: 28 updated to 38. Re-Evaluated Answer

Course Instructor

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Academic Year: 2023-24

Department of Electronics & Communication Engineering

1. Name of the Student: Raghu T. H.
2. USN: 1 CE21 EC401
3. Year / Semester: 2024 / VIII
4. Course Code / Course Name: 18EC81 Wireless and Cellular communication.
5. Type of Grievances:
   a) Total Mistake ✓
   b) Answer not evaluated
   c) Absentees
   d) Out of syllabus
6. Remarks: One question marks was missed while doing total hence totating was redone in front of student and updated
   37 updated to 43

S. Prasad
Course Instructor

R.S. Mahikanjan
HOD

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Academic Year: 2023-24

Department of Information Science & Engineering

1. Name of the Student: Akash Kumar
2. USN: 1CE21IS002
3. Year / Semester: 3rd / 6th Sem
4. Course Code / Course Name: 21IS63 / Software Testing.
5. Type of Grievances:
   a) Total Mistake
   b) Answer not evaluated : In Second Internal, Part-D Q.7 is not evaluated.
   c) Absentees
   d) Out of syllabus
6. Remarks: Part-D. Q.7 is reevaluated and given marks.

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Academic Year: 2023-24

Department of Information Science & Engineering

1. Name of the Student: Shivakumar. N
2. USN: 1CE21IS019
3. Year / Semester: 3rd / VI th.
4. Course Code / Course Name: 21ME652 / Renewable energy power plants
5. Type of Grievances: Answer not evaluated (Q.no - 6, b-part).
   a) Total Mistake
   b) ~~Answer not evaluated~~
   c) Absentees
   d) Out of syllabus
6. Remarks: Part - C. Q.no-6 Evaluated and Given marks.

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Academic Year: 2023-24

Department of Applied Science & Humanities

1. Name of the Student: Kusuma. K
2. USN: 1CE23IS046
3. Year / Semester: First year / 2nd semester
4. Course Code / Course Name: 1
5. Type of Grievances:
   a) Total Mistake ✓
   b) Answer not evaluated ✓
   c) Absentees
   d) Out of syllabus
6. Remarks: After a thorough review of the answer booklet it was found that answer was not evaluated. The original marks have been revised from (15 to 18).

Course Instructor
(Dr. Sunitha N)

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Academic Year: 2023-24

Department of Applied Science & Humanities

1. Name of the Student: Vinuth. P. Shetty
2. USN: 1CE22CS176
3. Year / Semester: 2nd year / 4th Semester
4. Course Code / Course Name: BCS301 / Discrete Mathematical structure
5. Type of Grievances:
   a) Total Mistake ✓
   b) Answer not evaluated ✓
   c) Absentees
   d) Out of syllabus
6. Remarks: upon revaluation of the booklet, it was determined that answer was not evaluated. This score has been revised from 15 to 24.

Vanilka (Vanilka.G.R)
Course Instructor

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