

Office of the Principal
Nehru Memorial College,
Sullia. Date: 15/09/2022

NOTICE

The following Certificate Course of 30 hours duration will be held for the academic year 2022-2023 in the college

The details of the Certificate Course is as below:

Sl. No.	Name of the Certificate Course	Lecturer in-charge	Class allotted
1.	Communicative English	Mrs Bhavy P M Dept of English	All BSW
2.	Filing of Tax Return	Mr Shridhara V Dept of Commerce	I B Com
3.	Plant Management and Skills	Mr Kuldeep Dept of Botany	All BA
4.	Quantitative Technique's & Reasonability	Dr Vijayalakshmi N S Dept of Economics	II B Com
5.	Data Base Management System	Mrs Deeksha M D Dept of Computer Science	All BBA

M M Analeela
PRINCIPAL

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Nehru Memorial College
Sullia D.K. - 574 327

NEHRU MEMORIAL COLLEGE SULLIA

Department of English

Syllabus for Communicative English – 2022-23

Objectives :

- To improve the quality of students for the requirements of the present world.
- To enhance the knowledge of global language among the students.
- To enhance the analytical ability to cater the present requirement of competitive exams.

Outcome:

- ✓ Improved communication to express confidently.
- ✓ Importance of Pronunciation and Phonetics.
- ✓ Stress free with regard to global language.
- ✓ Informed with analytical ability

Total – 30 hours

1. Introduction: 01hr

- What is Communicative English?
- Language Functions- expressions, utterance, phrases and sentences

2. Speaking and Listening : 15hrs

- Self Introduction
- Introducing someone to other
- Meeting and Greeting
- Asking For and Giving Permission
- Conversations on the Phone
- Making an Appointment
- Parting phrases
- Asking about and giving directions
- Telling The Time
- Shopping

2.1 Pronunciation : 05hrs

- Phonetic Symbols- Vowels and Consonants- word Transformation (Phonetic to English and English to Phonetic)
- Stress and syllable
- Exercises – English to phonetics ; Phonetics to English

3. Reading : 04hrs

- Comprehensions / paragraphs (importance to clarity, stress and one word answers)
- Sentences, Spot the error etc.
- Statements & Assumptions

4. Writing: - 04hrs

- E-mail, Letters, Job application and CV
- Concord

Test : 1 1/2 hrs

(40 Marks)

Phonetics Transcription- 5

Speaking and listening skills -10

Job application and CV -5

Sentences, spot the Error and concord - 10

Reading Comprehension and Mock Interview- 10

Done

M M Subala
Principal
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Outcome: 2022-23

Number of Students enrolled: 30

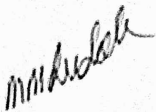
To fulfill the needs of the present career objective students are trained in conversations at different places and situations, introduce one self and others and telephone conversations, picture description and human relationships.

The course is focused on improving students' accent and pronunciation so that IPA (International Phonetic Alphabet) was taught.

Even the course encouraged them to speak confidently, through speaking exercise sessions.

Letter writing was taught as it is essential quality of communication. Mock interviews have done to provide them preview of interview.

The course was conducted for the BSW students as we found most of the students required to improve their communication.


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NEHRU MEMORIAL COLLEGE SULLIA

Department of English

Question Paper on Communicative English 2022-23

I. A. Match the following IPA transcription with English 1x5=5

- | | |
|-------------|----------------|
| 1. Person | / lu:z / |
| 2. Once | / pə'zɪʃ n / |
| 3. Police | / 'pɜ:s' s n / |
| 4. Lose | / wʌns / |
| 5. Position | / pə'li:s / |

B. Transcribe the IPA words into English 1x5=5

- | | |
|-----------------|-------|
| 1. / br'twi:n/ | _____ |
| 2. / 'meni/ | _____ |
| 3. / jʌŋ/ | _____ |
| 4. / 'wɔ:tə/ | _____ |
| 5. / 'læŋgwɪdʒ/ | _____ |

II. 1. Mother telephoning the School about her Child: Complete the following conversation 5 marks.

Office Receptionist: Good morning, KVG School, this is Chithra. How may I help you?

Mother : _____

Office Receptionist: I'm sorry to hear that. I hope it's not too bad.

Mother: _____ . Nothing too serious.

Office Receptionist: Well, I hope she feels well soon.

Mother: Thank you. _____

Office Receptionist: Is there any specific class?


Mother: _____

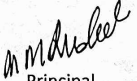
NEHRU MEMORIAL COLLEGE SULLIA

Certificate course 2022-23

I BSW - Communicative English

SI NO.	Name of the Student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33		
1	Jyothi B H	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass																			
2	Dakshay D S	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass																			
3	Mokshith M K	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass																			
4	Sampath P G	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass																			
5	AKSHAY K	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass																			
6	Chandan H N	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass																			
7	CHARITHA A V	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass																			
8	Dimple N D	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass																			
9	PUNEETHRAJ H K	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass																			
10	Divya B	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass																			
11	Ajith J	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass																			
12	Sinchana N C	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass																			


Signature of Lecturer


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NEHRU MEMORIAL COLLEGE SULLIA

Certificate course 2022-23

II BSW - Communicative English

Sl NO.	Name of the Student	20/9 22/9 13/10 20/10 27/10 3/11 10/11 17/11 24/11 31/11 7/12 14/12 21/12 28/12 5/1 12/1 19/1																	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17																		
✓1	ASHWINI K J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																			
✓2	IRFAN S E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																			
3	JISIN JIU																																			
✓4	K L ABHISHEK	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																			
5	KEVIN KISHORE																																			
✓6	KULASHREE B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																			
7	LITESH RAI																																			
✓8	MEGHANA S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																			
✓9	NAMITHA K N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																			
✓10	NITHIN N M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																			
11	NUTHAN C L																																			
✓12	PALLAVI R C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																			
✓13	RAKSHA G R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																			
✓14	ROHITH R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																			
✓15	SAFEER K L	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																			
✓16	SHASHMI I V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																			
✓17	SUSHMITHA M S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																			
✓18	YASHASWI U R	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓																			

R.
Signature of Lecturer

M. Anand
Principal
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Nehru Memorial College
Sullia D.K. - 574327

NEHRU MEMORIAL COLLEGE SULLIA
Certificate course 2022-23

III BSW - Communicative English

SI NO.	Name of the Student	1/1	2/2	3/3	4/4	5/5	6/6	7/7	8/8	9/9	10/10	11/11	12/12	13/13	14/14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
1	MOHAMMED THASREEF																																		
2	S N SONALI																																		
3	KRITHI K H																																		
4	MILAN B M																																		
5	MUHEENA SHIBIN																																		
6	NISHANTH A D																																		
7	PRATHEEKSHA D S																																		
8	RAMLANIHA																																		
9	RANJITH K																																		

Signature of Lecturer

Principal

NEHRU MEMORIAL COLLEGE SULLIA D K
CERTIFICATE COURSE-FILING OF TAX RETURNS

SYLLABUS (30hrs)

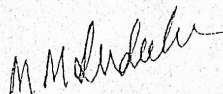
CHAPTER –I -INTRODUCTION : Meaning of tax –direct tax-indirect tax-Assessee-Person –Assessment –year – Previous Year-Income –Agricultural income.

CHAPTER –II- RESIDENTIAL STATUS: Provisions of sec 6(1) and Sec 6(6). Incidence of tax Determination of taxable income.

CHAPTER- III - SOURCES OF INCOME:-Income from salary-Income from house property-income from business-income from capital gains-Income from other sources Gross total income-taxable income

CHAPTER –IV-DEDUCTIONS FROM GROSS TOTAL INCOME : Sec 80c to 80 u

CHAPTER- V- FILING OF TAX RETURNS : meaning – methods-procedure for filing of tax returns-PAN-use of PAN


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NEHRU MEMORIAL COLLEGE, SULLIA
Certificate Course: FILING OF TAX RETURN

Out Comes:

- ❖ To equip students with the basic knowledge in the field of Taxation
- ❖ To provide opportunity to learn Indian Tax System
- ❖ To provide the basic knowledge of sources of income of an individual
- ❖ To provide the basic knowledge of Tax planning

Shridhara V
Shridhara V
Lecturer in Commerce

NEHRU MEMORIAL COLLEGE, SULLIA D. K

Internal Examination 2021-23

CERTIFICATE COURSE: FILING OF TAX RETURN

Time: 1 hour

Maximum Mark: 30

SECTION A

1. Answer any five of the following. Each carries 2 marks. 5 x 2 = 10

1. Define the term Assessee.
2. What you mean by GTI.
3. Define Assessment year.
4. Define previous year.
5. What you mean by tax-free income?
6. What you mean by PAN?

SECTION B

7. Answer any ~~Two~~ ^{Two} of the following. Each carries 5 marks. 2 x 5 = 10

1. How you determine the incidence of the tax liability?
2. Explain the provision relating to commutation of pension.
3. The last salary drawn by Roshan is Rs. 1 Lakh(basic +DA). He is entitled to receive a gratuity of Rs. 11 lakhs. He has been in employment for last 19 years and 7 month. Compute his taxable gratuity.

SECTION C

IV. Answer the following. 1 x 10 = 10

1. How you determine the residential status of an individual?
2. Compute taxable income under the head salary of Mr. Praveen for the p.y from the following information.
 1. Basic pay Rs. 25,000/month.
 2. DA(60% of which is included for retirement benefit) Rs. 10,000 / month.
 3. Children Education allowance(for three children Rs. 250/month/child.
 4. Children hostel allowance(for three children) Rs. 400/ month/ child.
 5. Re-imbursment of club facility – bill availed by the employee. Mr. Praveen from him employer R.15,000.
 6. Gift of Fat track watch Rs. 8,000.
 7. Rent free unfurnished accommodation in Mumbai owned by the employer.
 8. Motor car of 1.8 cc with driver both for official & private purpose.
 9. Facility of cook, sweeper, Gardner and watchman each being paid Rs. 1200/month by the employer.
 10. The employer deducted Rs. 200 /month on his professional tax.

NEHRU MEMORIAL COLLEGE SULLIA

Certificate course 2022-23

Shobhana C. -

19/9 20/9 21/9 22/9 23/9 24/9 25/9 26/9 27/9 28/9 29/9 30/9 31/9 1/10 2/10 3/10 4/10 5/10 6/10 7/10 8/10 9/10 10/10 11/10 12/10 13/10 14/10 15/10 16/10 17/10 18/10 19/10 20/10 21/10 22/10 23/10 24/10 25/10 26/10 27/10 28/10 29/10 30/10 31/10

IB Com - Filing of Tax Returns

Name of Students	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
1 Nishmitha D A	1	2	X	X	3	4	5	X	6	7	8	9	9	10	11	12	13	14	15	16	17	18	19	20	21	21							
2 Soujanya M S	1	2	+	3	4	5	5	6	7	8	8	9	10	11	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
3 Prajna B M	1	2	=	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
4 Priyanka N A	1	2	2	3	4	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
5 Shreyashri A S	1	2	3	3	4	5	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
6 Lahari K M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
7 Jeeshnu B S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	16	17	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
8 Khadeejath Mufceda	1	2	3	4	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
9 LIPIKA A J	1	2	3	4	5	6	7	8	8	9	9	10	11	12	13	14	15	16	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
10 Suthaiba	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
11 Nafeesath Ul Misriya	1	2	3	4	5	6	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
12 Fahmi Thasleema M	1	2	2	4	5	6	7	7	8	9	10	11	12	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
13 Hemanth Y H	1	2	2	3	4	5	6	7	8	8	9	10	11	12	13	14	15	16	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
14 HAMSA S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
15 JESMITHA Y	1	2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
16 Sandesh K	1	2	3	4	5	5	6	7	8	9	10	11	12	13	14	15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
17 Santosh Kuri	1	2	2	4	5	6	6	7	7	7	7	7	8	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
18 Anvitha B C	1	2	2	4	5	6	7	8	9	10	10	11	11	12	13	14	15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
19 AYISHATHI AFRIYA	1	2	3	4	5	5	6	7	7	8	9	10	10	11	11	12	13	14	15	16	17	17	18	19	20	21	22	23	24	25	26	27	28
20 Manvitha A	1	2	3	3	4	4	5	6	6	7	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
21 Harshith K B	1	2	2	4	4	4	5	6	7	8	8	9	9	10	11	12	13	14	15	16	17	17	18	19	20	21	22	23	24	25	26	27	28
22 Deepthi A N	1	2	2	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
23 GAGAN CP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
24 Kavan H E	1	2	3	3	4	5	5	6	6	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
25 Shibin S A	1	2	3	4	5	6	7	8	9	10	10	11	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
26 Goutham P H	1	2	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
27 Sandeep K	1	2	3	4	5	5	6	7	8	9	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

2022
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

28	Shreyas S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
29	Chaithanya M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
30	Lavanya D	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
31	MOKSHITH M K	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
32	Deekshith M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
33	Keerthi R Shet	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
34	Anush J	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
35	LAWRENCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
36	Vaibhav M J	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
37	Sachin Y C	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
38	Prathika K H	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
39	SUJAL HASSAN K M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
40	Jasmeen Hassan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
41	Sohan Rai B J	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
42	Thrupthi P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
43	Adithya D K	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
44	Dihan A A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
45	Rohith R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
46	KIRTHAN D	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
47	Ayishathul Hafceja K A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
48	MADHUSHREE P T	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
49	CHAITRA S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
50	Mahammad Nizar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
51	Priya K J	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
52	Mahammad Harshak R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
53	Deepthi M A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
54	Rohith Kumar B K	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
55	Samanvi H J	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
56	Linishree P R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
57	MAHAMMAD AFEEZ	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
58	YUKTHI B P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
59	Sinchana A R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
60	Dhanya G N	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

62 Krishna N L	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
63 DEEKSHITHA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
64 ANIL AL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
65 Chandana P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
66 Aksh P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
68 Rakesh B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
67 Kamesh NH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
68 Nishith AV	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
69 Akshith GD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
70 Karik Manjunatha Naik	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
71 Prithi NP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
72 Anush K	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
73 Rakesh BN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
74 Viny P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
75 Arvya B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
76 Nishith MD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
77 Prasad BC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
78 Prithi KY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

2 2 2 3 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
 2 2 2 3 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5

M. Madhulala
Principal

G. Madhulala
Signature of the lecturer

PRINCIPAL
NEHRU MEMORIAL COLLEGE
SULLIA D. N. 574 327

Syllabus :

“PLANT MANAGEMENT AND SKILLS”

YEAR: 2022-23

VENUE: Botany dept. laboratory

Conducted by: **Department of Botany**

Paper Outcome:

On completion of this course, the students will be able to

1. To gain knowledge of gardening, cultivation, multiplication, raising of seedlings of garden plants.
2. To get knowledge of new and modern techniques of plant propagation.
3. To develop interest in nature and plant life.

TOTAL- 30 HOURS

UNIT –I

10 Hours

Grafting: Introduction – Principles of grafting -1hr

Scion-Rootstock relationships, Equipment, Types of grafts -2hrs

Practices of grafting -3 hrs

Bonsai techniques: Introduction, type of Bonsai styles, equipments- 2 hrs

Methods of Bonsai preparations-3 hrs

UNIT –II

10 Hours

Manure preparation: Introduction, benefits-2hr

Waste management, raw materials, compost preparation types, process- 3 hrs

Indoor gardening: Introduction, benefits-2hr

Commonly cultivated indoor plants, cultivation practices - 3 hrs

UNIT –III

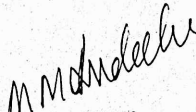
10 Hours

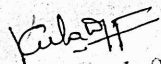
Nursery techniques: Introduction, Nursery establishment-Selecting a suitable site, essential factors, layout and construction of the nursery – 2hrs

Nursery management-Seedbed and nursery beds, collection and planting of mother plants, storage of dried & cleaned soil and compost manure, production of flower seeds, storage of propagated plants in nursery beds, manuring, watering, drainage, plant protection, harvesting, packing and handling, storage, marketing. – 5hrs

Lawn: selection of site, preparation of the ground, selection and planting of grass, rolling and mowing, maintenance – 3 hrs

Half day Field visit


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Head of the Dept. of Botany
Nehru Memorial College
SULLIA (D. K.) 574 239

NEHRU MEMORIAL COLLEGE SULLIA

Certificate Course 2022-23

BA - Plant practices and skills (Botany)

Sl. No.	Name of Students	19/4	20/7	11/10	17/10	30/10	14/11	18/11	15/11	16/11	19/11	1/12	2/12	6/12	8/12	1/12	2/12	13/12	14/12	15/12	16/12	17/12	18/12	19/12	20/12	21/12	22/12	23/12	24/12	25/12	26/12	27/12	28/12	29/12	30/12	31/12	32/12				
1	PUNEETH N M	1	x	2	3	4	x	5	x	6	7	x	8	9	10	11	12	13	14	15	16	17	x	18	x	19	20	21	22	23	24	25	26	27	28	29	30	31	32		
2	Prapthi K C	1	x	2	x	3	4	5	6	7	8	x	9	10	11	12	13	14	15	16	17	18	19	x	20	x	21	x	22	23	24	25	26	27	28	29	30	31	32		
3	SHARATH K J	1	2	3	4	5	x	6	7	8	x	9	x	x	10	11	12	13	14	15	16	x	17	18	19	x	20	21	22	23	24	25	26	27	28	29	30	31	32		
4	Likhin MT	1	2	x	3	4	5	6	7	8	9	x	10	11	12	13	14	15	16	17	18	19	20	21	22	x	23	24	25	26	27	28	29	30	31	32					
5	Chethan K	1	2	3	x	4	5	x	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	x	21	22	23	24	25	26	27	28	29	30	31	32					
6	SUHAS UP	1	x	2	3	4	x	5	6	x	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32					
7	Harshith B V	1	2	x	3	4	5	x	6	7	8	9	x	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32					
8	Chethas B C	1	2	3	4	5	6	7	8	x	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32							
9	Abdul Suhan B L	1	2	3	x	4	5	x	6	7	8	9	10	11	12	13	x	14	x	15	x	16	17	x	18	19	x	20	x	21	22	23	24	25	26	27	28	29	30	31	32
10	Prasad K S	1	2	3	x	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	x	26	27	28	29	30	31	32						
11	ANURAJ K	1	2	3	4	5	6	7	x	8	9	x	10	11	x	12	13	14	15	16	17	18	19	20	21	x	22	23	24	25	26	27	28	29	30	31	32				
12	Varshini C V	1	2	3	4	x	x	6	7	8	9	x	10	11	x	12	13	14	15	16	17	18	19	20	21	x	22	23	24	25	26	27	28	29	30	31	32				
13	Gana B D	1	2	x	3	x	4	x	5	6	7	8	9	10	11	12	13	14	15	x	16	17	x	18	19	x	20	x	21	22	23	24	25	26	27	28	29	30	31	32	
14	Vikram S M	1	2	3	x	4	5	6	x	7	x	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32					
15	SHASHANK P V	1	2	3	x	4	5	6	7	8	x	9	10	11	12	13	x	14	15	16	17	18	19	20	21	x	22	23	24	25	26	27	28	29	30	31	32				
16	Sanath S	1	2	3	x	4	5	x	6	7	8	9	10	11	x	12	13	x	14	15	16	17	18	19	20	21	22	23	x	24	25	26	27	28	29	30	31	32			
17	BHAVAN B D	1	x	2	3	x	4	5	6	7	8	9	x	10	x	11	12	13	14	15	16	17	18	19	20	21	22	23	x	24	25	26	27	28	29	30	31	32			
18	ABHISHEK S	1	2	3	4	5	6	x	7	8	9	10	x	11	x	12	13	14	15	16	17	18	x	19	x	20	21	22	23	24	25	26	27	28	29	30	31	32			
19	AYISHATH THAHSEENA P A	1	2	3	4	5	6	x	7	x	8	9	10	11	12	13	14	x	15	16	17	18	19	20	21	22	23	24	x	25	26	27	28	29	30	31	32				
20	FARZANA B	1	2	3	4	5	x	6	7	8	9	10	11	12	13	14	15	x	16	17	18	19	20	21	22	23	24	25	x	26	27	28	29	30	31	32					
21	HARSHITHA N	1	x	2	3	4	5	x	6	7	8	9	x	10	11	12	13	x	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32				
22	KRISHNAVENI E V	1	2	3	x	4	5	x	6	7	x	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	x	25	26	27	28	29	30	31	32				
23	LIKHIN P A	1	2	3	4	x	5	x	6	7	8	x	9	10	11	12	13	14	15	16	17	18	x	19	20	21	x	22	23	24	25	26	27	28	29	30	31	32			
24	NIREEKSHA J	1	2	3	4	x	5	6	7	8	9	x	10	11	12	x	13	14	15	16	17	18	x	19	20	21	x	22	23	24	25	26	27	28	29	30	31	32			
25	RAKESH K G	1	x	2	x	3	4	5	6	7	8	9	10	11	12	x	13	14	x	15	16	17	18	19	20	21	x	22	23	24	25	26	27	28	29	30	31	32			
26	SANJAY V	1	2	3	4	5	6	x	7	8	9	10	11	12	13	x	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32						
27	SANJU KUMARI	1	2	3	x	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32							
28	ABHISHEK D P	1	x	2	3	x	4	5	6	7	8	9	10	11	12	x	13	14	x	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32				
29	ANIL P R	1	2	3	x	4	5	x	6	7	8	9	10	11	12	13	x	14	x	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32				

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31	AVIN P D	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
31	KARTHIK T P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
32	LAVESH RAMA GOUDA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
33	NIITIN VENKATESH NAIK	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
34	PRAJWAL P R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
35	SUSHANTH E S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
36	VARUN ACHARYA Y	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
37	VINOD K	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
38	AKSHATHA M P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
39	AYISHA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
40	AYISHATH RAIFANA P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
41	BHAVYA P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
42	DEEKSHA K V	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
43	KARTHIK B L	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
44	MOHAMMED SUHAIB M F	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
45	SHIVANATH M NAMBIAR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
46	VAISHALI D V	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
47	VINAYAKA M HAVERI	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
48	ASHIK P M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
49	BRIJESH RAJ P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
50	CHAITHANYA K	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
51	DEENA B S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
52	DHANYASHREE N	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
53	KISHAN R K	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
54	LATHASHREE D	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
55	LAVANYA K N	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
56	MANOHARI Y R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
57	NAVEENA KUMARA V	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
58	PAVAN KUMAR M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
59	PRANAM K M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
60	RAKSHITHA T D	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
61	SANATH N V	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
62	THUSHAR B K	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
63	VIJAY M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

Handwritten signatures and names:
 M.M. Mohan
 PRINCIPAL
 Nehru Memorial College
 Ullas D.K. - 574 327

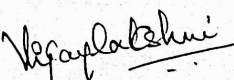
NEHRU MEMORIAL COLLEGE SULLIA D.K.
DEPARTMENT OF ECONOMICS
GENERAL APTITUDE AND REASONING – CERTIFICATE COURSE
SYLLABUS
2022 - 23

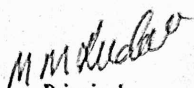
Verbal Reasoning: -

1. Analogy and classification
2. Series
3. Alphabet and number test
4. Coding and decoding
5. Blood relation
6. Direction and distance
7. Time sequence, number and ranking test
8. Logical sequence of words
9. Number puzzles
10. Venn diagram
11. Mathematical operation arithmetical reasoning
12. Coded inequalities
13. Problem solving
14. Input and output
15. Syllogism
16. Cube and dice
17. Analytical decision making

(B) Non – Verbal Reasoning: -

1. Series
2. Mirror and water images
3. paper cutting and folding
4. Completion of figure
5. Hidden / embedded figures
6. Figure formation and analysis
7. Visual reasoning


Course Coordinator
(Dr.vijayalakshmi N.S)


Principal
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DEPARTMENT OF ECONOMICS

GENERAL APTITUDE AND REASONING

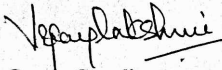
2022 - 23

Course Objective: -

1. To improve verbal ability skill of the students.
2. To enhance the analytical skill and problem-solving skill of the students.
3. To prepare students for various public, private sector exams & placement drives.

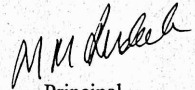
Course Outcome: -

1. It will improve verbal ability skill among students.
2. Students will communicate effectively & appropriately in real life situation.
3. It will enhance students' problem-solving skill.
4. Students will be able to prepare for various public and private sector exams & placement drives.



Course Coordinator

(Dr.vijayalakshmi N.S)



Principal

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NEHRU MEMORIAL COLLEGE SULLIA D.K.
DEPARTMENT OF ECONOMICS
GENERAL APTITUDE AND REASONING
QUESTION PAPER 2022 - 23

8/10

Date:- 27/1/2023

Max: Marks: 10

Time: 11.30 - 11.50pm

Answer all of the following: -

2 Marks each

1. 120, 99, 80, 63, 48, ?

- (a) 35
- (b) 38
- (c) 39
- (d) 40

2. Pointing to a photograph of a boy Suresh said, "He is the son of the only son of my mother." How is Suresh related to that boy?

- (a) Brother
- (b) Uncle
- (c) Cousin
- (d) Father

3. Arrange the words given below in a meaningful sequence.

1. Police	2. Punishment	3. Crime
4. Judge	5. Judgement	

- (a) 3, 1, 2, 4, 5
- (b) 1, 2, 4, 3, 5
- (c) 5, 4, 3, 2, 1
- (d) 3, 1, 4, 5, 2

4. One morning Udai and Vishal were talking to each other face to face at a crossing. If Vishal's shadow was exactly to the left of Udai, which direction was Udai facing?

- (a) East
- (b) West
- (c) North
- (d) South

5. Flow : River :: Stagnant : ?

- (a) Rain
- (b) Stream
- (c) Pool
- (d) Canal

NEHRU MEMORIAL COLLEGE SULLIA D.K.
DEPARTMENT OF ECONOMICS
GENERAL APTITUDE AND REASONING
QUESTION PAPER 2022 - 23

8/10

Date:- 27/1/2023

Max: Marks: 10

Time: 11.30 – 11.50pm

Answer all of the following: -

2 Marks each

1. Introducing a boy, a girl said, "He is the son of the daughter of the father of my uncle." How is the boy related to the girl?

- (a) Brother
- (b) Nephew
- (c) Uncle
- (d) Son-in-law

2. 125,80,45,20,?

- (a) 5
- (b) 8
- (c) 10
- (d) 12

3. Arrange the words given below in a meaningful sequence.

1. Probation	2. Interview	3. Selection
4. Appointment	5. Advertisement	6. Application

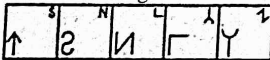
- (a) 5, 6, 3, 2, 4, 1
- (b) 5, 6, 4, 2, 3, 1
- (c) 5, 6, 2, 3, 4, 1
- (d) 6, 5, 4, 2, 3, 1

4. Peacock : India :: Bear : ?

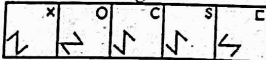
- (a) Australia
- (b) America
- (c) Russia
- (d) England

5. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



Answer Figures:



- (a) 1
- (b) 2
- (c) 3
- (d) 4
- (e) 5

Wednesday & Friday 3.30 - 4.36

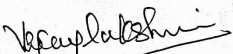
NEHRU MEMORIAL COLLEGE SULLIA
Certificate course 2022-23

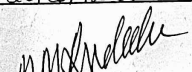
II B Com - Quantitative Techniques and Reasonability

Name of Students	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30							
1 ABDUL HASEEB N A	a	a	a	a	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				
2 ABHIDEESHA G	a	1	a	2	3	4	5	6	7	8	a	9	10	a	11	12	a	14	15	16	17	18	19	20	a	21	22	23	24	25	26	27	28	29	30		
3 ABOOBACKAR AFRAS	a	a	a	1	2	3	4	5	6	7	8	a	9	10	a	12	13	a	14	15	16	17	18	a	19	20	21	22	23	24	25	26	27	28	29	30	
4 ADITHYA K S	a	a	a	2	3	4	5	a	6	7	8	9	10	11	12	a	13	14	15	16	a	17	a	18	19	20	a	21	22	23	24	25	26	27	28	29	30
5 AHAMMAD ASHFAK G	a	a	a	1	2	3	4	5	a	6	7	8	9	10	11	12	13	14	a	15	16	17	18	19	20	a	21	22	23	24	25	26	27	28	29	30	
6 AISHWARYA G RAO	1	2	3	4	a	5	6	7	8	9	10	a	11	12	13	14	a	15	16	17	18	19	20	a	21	22	23	24	25	26	27	28	29	30			
7 AJAY M A	a	a	a	1	2	3	4	5	6	7	a	8	9	10	11	12	13	14	15	a	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
8 ALIMATH MASNA P	1	2	a	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	a	23	24	25	26	27	28	29	30					
9 AMRUTHA M	1	2	3	4	a	5	a	6	7	8	9	10	11	12	13	14	15	a	16	17	18	19	20	a	21	22	23	24	25	26	27	28	29	30			
10 AMRUTHA H P	a	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	a	21	22	23	24	25	26	27	28	29	30					
11 ANCHANA	1	2	3	4	a	5	6	7	8	9	a	10	11	12	13	14	15	a	16	17	18	19	20	a	21	22	23	24	25	26	27	28	29	30			
12 ANKITHA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	a	15	16	17	18	a	19	20	a	21	22	a	23	24	25	26	27	28	29	30			
13 ASHWINI B T	a	1	2	3	4	5	6	7	a	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
14 AYISHATH SHAIMA DF	1	2	a	3	4	5	6	7	8	9	10	11	12	13	14	a	15	16	17	18	a	19	20	21	22	23	24	25	26	27	28	29	30				
15 AYSHATH THOUSHEERA GL	a	a	a	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	a	16	17	18	19	20	a	21	22	23	24	25	26	27	28	29	30		
16 AZMIYA S A	a	a	a	1	2	3	4	5	6	a	7	8	9	10	11	12	13	14	a	15	16	17	18	19	a	20	21	22	23	24	25	26	27	28	29	30	
17 BRJESH K D	a	a	a	1	2	3	4	5	6	7	8	9	10	11	12	13	a	14	15	16	17	18	19	20	a	21	22	23	24	25	26	27	28	29	30		
18 CHINTHAN M J	a	a	1	2	3	4	5	6	7	8	a	9	10	11	12	13	14	15	16	17	18	19	20	a	21	22	23	24	25	26	27	28	29	30			
19 DARSHAN R S	a	a	a	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	a	18	19	20	a	21	22	23	24	25	26	27	28	29	30		
20 DEEKSHITH H C	a	a	a	1	2	3	4	5	6	7	a	8	9	10	11	12	13	14	15	16	17	18	19	a	20	21	22	23	24	25	26	27	28	29	30		
21 DEEPASHREE A J	a	1	2	3	4	5	a	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	a	24	25	26	27	28	29	30				
22 DILSHANA E S	a	a	a	1	2	3	4	5	6	7	8	9	10	11	12	13	a	14	15	16	17	18	19	20	a	21	22	23	24	25	26	27	28	29	30		
23 FAREEDA N A	a	a	a	1	2	3	4	a	5	6	7	8	9	10	11	a	12	13	14	15	16	17	18	a	19	20	a	21	22	23	24	25	26	27	28	29	30
24 GANESHA SHARALAYA M K	a	1	2	3	4	a	5	6	7	8	9	10	11	12	13	14	15	a	16	17	a	18	19	20	a	21	22	23	24	a	25	26	27	28	29	30	
25 GREETHESH G	a	1	a	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	a	21	22	23	24	25	26	27	28	29	30				
26 HRITHIK K K	a	a	a	1	2	3	4	5	a	6	7	8	9	10	11	12	a	13	14	15	16	17	18	19	20	a	21	22	23	24	25	26	27	28	29	30	
27 HRUTHIK C K	a	a	a	1	2	3	4	5	6	7	8	9	10	11	12	a	13	14	15	16	17	18	a	19	20	a	21	22	23	24	25	26	27	28	29	30	

30	KRITHIKA B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
31	KSHEMA U S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
32	LIKITHA B R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
33	MAHAMMAD TASHEER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
34	MAHAMMAD IRSHAD K A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
35	MAHAMMAD JABEER P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
36	MAHAMMAD RUSHAID K R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
37	MAHITHA K K	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
38	MELSON BAPTIST REBELLO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
39	MOHAMMAD IBASH ALI	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
40	MOHAMMED FAZEEM M S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
41	MOIDEEN SHILAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
42	MUHAMMED MAHROOF S L	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
43	MURALI KRISHNA Y	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
44	NUSAIBA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
45	PADMASREE K	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
46	PRAJNA C A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
47	PRANAM B R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
48	PRATHIK K B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
49	PREETHIKA K	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
50	PREKSHA M P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
51	PRINCIMARY K J	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
52	PUNEETHA K C	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
53	RAKSHA B R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
54	RAMESH G	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
55	RANGANATHA M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
56	RATHNA SINCHANA J	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
57	REENA MARITA CUTINHA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
58	SALMATH ASRA M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
59	SHARAN N	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
60	SHILPA S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
61	SHREYAS T	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

SHREYAS P G	a	a	a	1	2	3	4	5	6	a	7	8	a	10	11	12	13	14	a	16	17	a	18	19	20	a	21	a	22	23	24	
SINAN A B	a	a	a	1	2	3	4	5	6	7	8	9	10	11	12	a	13	14	15	16	17	18	19	a	20	a	21	a	22	23	24	
54 SINCHANA K R	a	a	a	a	1	2	3	4	5	6	7	8	9	a	10	11	12	13	14	15	16	17	18	19	a	20	a	21	a	22	23	24
55 SINCHANA K M	1	2	3	4	5	6	a	7	8	9	10	11	12	13	14	15	a	16	17	18	19	20	a	21	22	a	23	24	25	26		
56 SONIKA D S	1	2	3	4	5	6	7	8	9	10	a	11	a	12	13	14	15	16	17	a	18	19	20	a	21	22	a	23	24	25		
57 SRIRAMA	a	1	2	3	4	5	6	7	8	9	10	a	11	12	13	14	15	a	16	17	18	19	a	20	21	22	a	23	24	25		
58 SUDEEP U	a	a	a	1	2	3	4	5	6	7	8	9	10	a	11	12	13	14	15	a	16	17	18	19	20	21	22	a	23	24	25	26
59 SUMAN GANAPATHY B V	a	a	a	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	a	22	23	24	25	26		
70 VAISHNAVI G	1	2	3	4	5	6	7	8	a	9	10	11	a	12	13	14	15	16	a	17	18	19	20	21	22	23	24	25	26	27		
71 VAMSHI B A	1	2	3	4	5	6	7	8	9	10	a	11	12	13	14	a	15	16	17	18	19	20	21	22	23	a	24	25	26	27		
72 VIKYATH P H	a	a	1	2	3	4	5	6	7	8	9	10	11	12	13	14	a	15	16	17	18	19	20	21	22	23	a	24	25	26		


Signature of the lecturer


Principal

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NEHRU MEMORIAL COLLEGE
SULLIA D. K. 574 327

NEHRU MEMORIAL COLLEGE

DEPARTMENT OF COMPUTER SCIENCE 2022-23

Paper: Data Base Management System

Max.Hours:30 hrs

Syllabus

UNIT-I

Operational data, Purpose of database system, Views of data, Data models: Relational, Network, Hierarchical, Instances & Schemes, Data Dictionary, Types of Database languages: DDL, DML, Entity Relationship Model as a tool of conceptual design: Entities & Entity set, Relationship & Relationship set, Attributes, Mapping Constraints, Keys, Entity-Relationship diagram (E-R diagram) : Strong & weak entities, Generalization, Specialization, Aggregation, Reducing ER diagram to tables

UNIT-II

Concepts of Keys: Candidate key, Primary Key, Alternate Key, Super Key, Foreign Key, Fundamental integrity rules : Entity integrity, Referential integrity.

Different types of joins i.e. the tajoinequi join, natural join, outer join, set operations. Structured query language (SQL), Codd's rules

Functional Dependencies, Good & Bad Decomposition, Anomalies as a database: A consequences of bad design, Universal Relation, Normalization: First, Second, Third & BCNF Normal Forms, Multi values Dependency, Join Dependency & forth Fifth Normal Form

UNIT-III

Popular RDBMS available in the market, Introduction to MS Access, Creating Databases using MS Access, Creating and Using Tables in MS Access, Modifying tables in Access, Query in MS Access, Creating and using reports in MS Access, Printing Reports in MS Access, Importing and exporting in MS Access.

UNIT-IV

Oracle introduction, Client and server communication (SQL) Data Definition Language (DDL) - Creating, Altering & Dropping Tables, Oracle Data Types, Integrity Constant, Data Manipulation Language(DML) - Select, Insert, Update, Delete Commands, Sorting in oracle, Joins in Oracle- Inner, Outer, Cartesian, Self- join, Non-equi joins, Transaction Control Using ,SQL - Commit, Rollback, Save point Command, Data Controlling Using SQL - Grant, Revoke, Set Role, SQL functions, Indexes and views

TEXT & REFERENCE BOOKS:

- "DATABASE MANAGEMENT SYSTEM" by Leon & Leon, Vikas Publications
- Oracle Database 12c- Hands on SQL and PL/SQL by Ashis Asnani, PHI
- "AN INTRODUCTION TO DATABASE SYSTEM" by Bipin C.Desai
- "Database Management and Oracle Programming" 2nd Edition By S. S. Khandare, S. Chand Publisher
- "Oracle A Beginners Guide" by Michael Abbey & Michael J. Corey TMH Publications

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NEHRU MEMORIAL COLLEGE

DEPARTMENT OF COMPUTER SCIENCE 2022-23

Paper: Data Base Management System

Name:

Date:

Class:

Max Marks: 30

Note: Answer the following Multiple Choice Questions (Each question carries 1 Marks)

1. Which of the following provides the ability to query information from the database and insert tuples into, delete tuples from, and modify tuples in the database?
 - a. DML(Data Manipulation Language)
 - b. Query
 - c. Relational Schema
 - d. DDL(Data Definition Language)
2. Which is the lowest level of abstraction that describes how the data are actually stored?
 - a. Physical
 - b. Abstract
 - c. View
 - d. User
3. What are row of a relation known as?
 - a. Degree
 - b. Entity
 - c. Tuple
 - d. None
4. Which of the following is a command of DDL?
 - a. Alter
 - b. Delete
 - c. Insert
 - d. All of the above
5. During transaction before commit which of the following statement is done automatically in case of shutdown?
 - a. Rollback
 - b. Commit
 - c. View
 - d. Flashback
6. Which of the following is the full form of TCL?
 - a. Ternary control language
 - b. Transaction control language
 - c. Transaction central language
 - d. Transmission control language
7. Which of the following SQL command is used for removing (or deleting) relations from the database?
 - a. Drop
 - b. Delete
 - c. Rollback
 - d. Remove
8. What is DBMS?
 - a. Collection of many programs to access data
 - b. Collection of interrelated data
 - c. Collection of commands
 - d. All
9. Rectangles in ER diagram represents?
 - a. Tables
 - b. Attributes
 - c. Tuples
 - d. Entity sets
10. Select the correct definition of relation.
 - a. Subset of a Cartesian product of list of domains
 - b. Subset of a Cartesian product of list of tuple
 - c. Subset of a Cartesian product of list of attributes

- d. Subset of a Cartesian product of list of relations
11. Which of the following allows to uniquely identifying a tuple?
a. Schema b. super key c. Domain. d. Attribute
12. Which of the following is known as minimal super key?
a. Primary key b. Candidate key c. Foreign key d. None
13. Select the relational algebra operations.
a. Union b. Select c. Rename d. All of the above
14. Which is AS clause used for?
a. Rename b. Selection c. Join d. Projection
15. How many levels are there in architecture of database?
a. 2 b. 3 c. 4 d. 5
16. Which data structure is used in Hierarchical model records?
a. Graph b. Tree c. Linked list d. Stacks
17. How is ER diagram represented?
a. Circle b. Ellipse c. Triangle d. Square
18. A relational database developer refers to a record as?
a. Attribute b. Tuple c. Relation d. None
b. Check Answer
19. Which normal form deals with multivalued dependency?
a. 1NF b. 2NF c. 3NF d. 4NF
20. Select the correct foreign key constraint?
a. Referential integrity b. Entity integrity c. Domain integrity d. None
21. What is the name of the query that is placed within a WHERE or HAVING clause of another query?
a. Multi query b. Subquery c. Super query d. Master query
22. Which command is used to remove a stored function from the database?
a. DROP b. DELETE c. ERASE d. REMOVE
23. After which operation is the modify operation done?
a. Look-up b. Insert c. Delete d. All
24. Which of the following command is used to change data in table?
a. INSERT b. UPDATE c. MERGE d. NONE
25. What is the number of tuples of a relation known as?
a. Column b. Cardinality c. Entity d. None
26. Total view of a database is known as?
a. Physical view b. Internal view c. Conceptual view d. External view

27. Primary key can be?

- a. NULL
- b. NOT NULL
- c. Both NULL and NOT NULL
- d. Depends on situation

28. Which of the following operator is used to compare a value to a list of literals values that have been specified?

- a. ANY
- b. BETWEEN
- c. IN
- d. ALL

What is a table joined with itself called?

- a. Join
- b. Self join
- c. Outer join
- d. Equi join

29. What is the use of COUNT in SQL?

- a. Returns number of distinct value
- b. Returns total values
- c. Returns number of groups.
- d. Returns number of columns

30. Select the valid SQL type.

- a. NUMERIC
- b. CHARACTER
- c. FLOAT
- d. All of the above


NEHRU MEMORIAL COLLEGE SULLIA

Certificate course 2022-23

I BBA -

Name of the Student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 SPOORTHIK S	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
2 KARTHIK B	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
3 CHETHAN K R	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
4 MEGHANA R	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
5 UMA MAHESHWARI R	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
6 NISHA K Y	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
7 SIIRUA S	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
8 PRATHEEKSHA M B	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
9 NAVYA K S	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
10 MARIAM NIFAM B	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
11 PRAJWAL H Y	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
12 JITHESH KARKERA M	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
13 AMBIKA M	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
14 MANISH B V	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
15 SURYA DARSHAN P A	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
16 HARSHITHA M R	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
17 KAVANA A S	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
18 YAKSHITHA Y	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
19 PREETAM VENKATESH	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB


Signature of Lecturer


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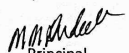
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Certificate course 2022-23

II BBA -

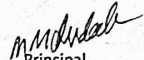
Name of the student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 ABDUL RAZEEN	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
2 AYSHATH ASREENA K.M	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
3 CHINMAYEE S J	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
4 DARSHAN C R	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
5 FATHIMA THAHSEENA K I	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
6 FATHIMATH SHYMA N A	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
7 FATHIMATH THABSEERA	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
8 KADEEJATH SHABEEBA	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
9 KRISHNARAJA K S	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
10 MAHAMMAD FAIZAL	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
11 MOHAMMED SINAN	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
12 NABEEL ABDUL AZEEZ	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
13 NAFEESHATH MISHRIYA RAFEENA G A	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
14 NIVEDITHA B S	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
15 RAKSHITH B	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
16 REHAMAN SHARIF	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
17 SALMANUL FARIS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
18 SUJITH K	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
19 THEJKUMAR A S	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
20 THULASI P	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS


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THEJAS P K	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
THRITHESH A N	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
VARSHA D J	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50


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