AQAR 2022 - 2023

SANTHIGIRI
COLLEGE OF COMPUTER SCIENCES
Affiliated to MG University and Approved by AICTE
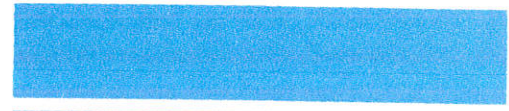
2.5.1   Examination Cell Supporting Documents

SANTHIGIRI
COLLEGE OF COMPUTER SCIENCES
Affiliated to MG University and Approved by AICTE

Exam Calendar 2022-2023

Date	Day	Activity
		JUNE
6/1/2022	Wednesday	UG S5 Semester Starts
6/2/2022	Thursday	
6/3/2022	Friday	
6/4/2022	Saturday	
6/5/2022	Sunday	
6/6/2022	Monday	
6/7/2022	Tuesday	
6/8/2022	Wednesday	
6/9/2022	Thursday	
6/10/2022	Friday	
6/11/2022	Saturday	
6/12/2022	Sunday	
6/13/2022	Monday	
6/14/2022	Tuesday	
6/15/2022	Wednesday	
6/16/2022	Thursday	
6/17/2022	Friday	
6/18/2022	Saturday	
6/19/2022	Sunday	
6/20/2022	Monday	
6/21/2022	Tuesday	
6/22/2022	Wednesday	

PRINCIPAL
SANTHIGIRI COLLEGE OF COMPUTER SCIENCES
VAZHITHALA P. O., THODUPUZHA
KERALA, PIN : 685 583

SANTHIGIRI
COLLEGE OF COMPUTER SCIENCES
Affiliated to MG University and Approved by AICTE

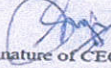## Time table of Internal Examination

---

SANTHIGIRI
COLLEGE OF COMPUTER SCIENCES
Affiliated to MG University and Approved by AICTE

Department of Computer Science December 2023

Exam Time Table

IAE:	Model		Time	9.30am –12.30pm

Date	S1 BCA A	S1 BCA B
11/12/2023	English I	English I
13/12/2023	Mathematics	Mathematics
15/12/2023	Basic Statistics	Basic Statistics
18/12/2023	Computer Fundamentals and digital Principles	Computer Fundamentals and digital Principles
20/12/2023	Methodology of programming and C Language	Methodology of programming and C Language
	Software Lab I	Software Lab I
Total Strength	63	63
Permanent Absentees Count	1	0
Permanent Absentees Roll No's	20	Nil

Signature of CEC

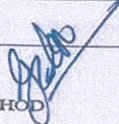Signature of HOD

SANTHIGIRI
COLLEGE OF COMPUTER SCIENCES
Affiliated to MG University and Approved by AICTE

Department of Computer Science December 2023

Exam Time Table

IAE:	IAE II		Time	9.30pm-11.30am

Date	S1 MCA
11-12-2023	Mathematical & Statistical foundation for Computer Applications
12-12-2023	Structured programming in C
13-12-2023	Software Engineering and Object-oriented modeling
14-12-2023	Database technology and NoSql
15-12-2023	Digital Logic & Computer Organization
	Database technology Lab(Mysql & Mongodb)
	Software Development Lab-I(C programming)
Total Strength	49
Permanent Absentees Count	0
Permanent Absentees Roll No's	Nil

Signature of CEC

Signature of HOD

PRINCIPAL
SANTHIGIRI COLLEGE OF COMPUTER SCIENCES
VAZHITHALA P. O., THODUPUZHA
KERALA, PIN : 685 583

SANTHIGIRI
COLLEGE OF COMPUTER SCIENCES
Affiliated to MG University and Approved by AICTE

BCA Third Semester First Internal Examination [Batch B]

Data Structures using C++

Time : 2 Hrs   Date : 26-07-2019   Marks : 50

Part-A(Answer All Questions)   5*2= 10 Marks

1. Define Data Structure.
2. Compare Linear Data Structure with Non Linear Data Structure.
3. What is the significance of Dynamic Data structures?
4. Write a short note on Priority Queue.
5. What you mean by Double Ended Queue?

Part-B(Answer All Questions)   5*5=25 Marks

6. Explain Stack data structures with its operations.
7. Write a short note on queue. What are its operations
8. What are the advantages of Circular queue than the linear queue? Explain its operations
9. With an example explain the conversion of infix to Postfix using Stack.
10. How we can evaluate a postfix expression using stack. Illustrate an example

Part-C   1*15=15Marks
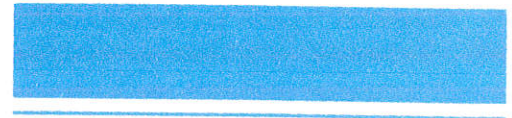
11. Write an essay on Linked List, its advantages over Array, Its types.

PRINCIPAL
SANTHIGIRI COLLEGE OF COMPUTER SCIENCES
VAZHITHALA P. O., THODUPUZHA
KERALA, PIN : 685 583

SANTHIGIRI

COLLEGE OF COMPUTER SCIENCES

Affiliated to MG University and Approved by AICTE

BCA Third Semester Model Examination   B Batch

Data Structures Using C++

Time :   3 Hrs   Date :   6/11/2020   Marks :   80

Part-A(Answer Any 10 Questions)   10*2= 20 Marks

1   Write a short note on Data Structures.

2   Explain Arrays.

3   Define Sparse matrix and its 3T Format.

4   List any two applications of queue.

5   What is the usage of priority Queue?

6   Explain Double Ended Queue.

7   Write the node structure of Doubly Linked List.

8   Compare Singly Linked List with Circular Linked List.

9   What is a Tree data structure? Why it is known as non linear data structure.

10   What is a skewed Binary Tree?

11   Explain Hash Function.

12   Explain inverted Files.

Part-B(Answer Any 6 Questions)   6*5=30 Marks

13   Explain Stack data structures with its operations.

14   Write a short note on queue. What are its operations

15   Explain any 2 Applications of Stack.

16   What are the advantages of Circular queue than the linear queue? Explain its operations

17   Explain the concept of Binary Search and illustrate how we can search the element 72 from the array

PRINCIPAL
SANTHIGIRI COLLEGE OF COMPUTER SCIENCES
VAZHITHALA P. O., THODUPUZHA
KERALA, PIN : 685 583
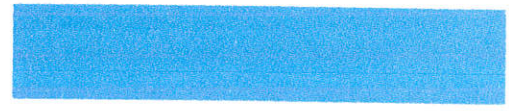
0	1	2	3	4	5	6	7	8	9
2	5	8	12	16	23	38	56	72	91

18 Compare Linked list with arrays.

19 What is a Binary Tree? How we can represent Binary Tree in the Memory.

20 What is a file Organization? Explain various types of File organization Techniques.

21 Explain the various Collision Resolution Techniques.

Part-C(Answer Any 2 Questions)   **2*15=30 Marks**

22 Write the procedures to Sort this array using any 2 sorting techniques

40	23	42	12	5	30

23 Explain Linked List with its types.

24 What is a Binary Search Tree? Using an example explain how we can traverse a Binary Search Tree using various traversing methods.

25 Explain various types of Hashing Functions.

Internal Examination Duty Log

Exam duty — IAE₁ Batch 2022 - 2025

Date	Time	Room No.	Name-Invigilator	Signature	D
19/10/2022	9.30	85	Deepa M		20
		Marian	Sebastian Cyriac		
		"	Amitha Joseph	Amitha	21
	10.20	35	Cubin George		
	10.30	Marian	Dr. Raghunath		
	10.30	Marian	Leena George		
2?/10/22	9.60	Marian	Amitha Joseph	Amitha	22
	9.30	35	Dr. Neethu Thomas	Neethu	23
	9.30	Marian	Cubin George		
	10.30	Marian	Leena George		25
	"	Dona Jose		
		35	Sigma Sathyan		
25/10/22	9.30	Marian	George K		
	9.30	"	Deepa M		
	9.30	35	Sebastian Cyriac		
	10.30	35	Dona Jose		
	10.30	Marian	Leena George		
	10.30	"	Amitha Joseph	Amitha	
27/10/22	9.30	Marian	Sigma Sathyan		
	9.30	"	Dr. Neethu Thomas	Neethu	
	9.30	35			
	10.30	Marian	Shawn Oommen Anil		
	"	"	Siya Antony		
	"	35	Deepa M		
		Marian	Amitha Joseph	Amitha	
		"	Siya Antony		
		35	Leena George		
		Marian	Dr. Neethu Thomas	Neethu	
		"	Sigma Sathyan		
		35	Deepa M		
		lab	Dr. Neethu Thomas	Neethu	
	10.30	lab	"	Neethu	

PRINCIPAL
SANTHIGIRI COLLEGE OF COMPUTER SCIENCES
VAZHITHALA P. O., THODUPUZHA
KERALA, PIN : 685 583

Answer Sheet Dispatch Log

Date	Class	No of Answer sheet	Subject	Faculty	Sign
11/12/23	S₁BCA-B	62	Fine Tune Your English	Merin Seban	Mr
11/12/23	S₁MCA	48	Maths & stat	Seje Antony	Sp
11/12/23	S₁BCA-A	18+42	Fine Tune	Merin Seban	Mr
14/12/23	S₁BCA A&B	59+60	Discrete Maths	Deepa Joseph	Dp
15/12/23	S₁BCA A	61	Basic Statistics	Seje Antony	Sp
15/12/23	S₁BCA B	61	Basic statistics	Siji Antony	Sp
18/12/23	S₁MCA	48	SE+OOM	Dr Neethu	Neethu
20/12/23	S₁BCA B	60	CFDP	Sigmie	S
22/12/23	S₁BCA A	60	CFDP	Rajani	M
×1					

Internal Examination Summary Sheet

SANTHIGIRI
COLLEGE OF COMPUTER SCIENCES
Affiliated to MG University and Approved by AICTE

Department of Computer Science December 2023
Internal Summary Sheet

IAE:	II			Time	9:30-11:30

Batch- S1MCA			Total Strength – 49	
	Subject	Absentees Count	Absentees list	
11-December-2023	Mathematical & Statistical foundation for computer Applications	1	35	
12-December-2023	Structured Engineering and Object-oriented modeling	1	35	
13-December-2023	Software Engineering and object-oriented modeling	1	35	
14-December-2023	Database technology and Nosql	1	20	
15-December-2023	Digital logic and computer Organization	3	18,37,49	
	Database technology Lab(Mysql&Mongodb)			
	Software Development Lab-I(C programming)			

Signature of DEC

Signature of HOD

PRINCIPAL
SANTHIGIRI COLLEGE OF COMPUTER SCIENCES
VAZHITHALA P. O., THODUPUZHA
KERALA, PIN : 685 583

Samples of internal answer book

SANTHIGIRI COLLEGE
Vazhithala

Answer Booklet

S

ROLL NO : 22

NAME : Libin Sebastian

COURSE : MCA

SEMESTER : I

SUBJECT : DBMS

966

1	4	6	7	11		16		21		26	
2	1½	7	8½	12		17		22		27	
3	2	8	8	13		18		23		28	
4	3½	9		14		19		24		29	
5	0	10		15		20		25		30	

11   23½ ✓

Marks Secured	35
Maximum Marks	50

Part A.

1. Attributes.

The attributes are the small specific details of a column is known as attribute.

eg:

id	name	dob	salary

→ This fields is known as attributes of a table.

The attributes have a specific values that tells to the database to which type of data can be store and what is the permitted value of that field.

Domain.

Domain is permitted values to store the data.

eg:

create table tbl_student (studentid integer, name varchar(10), course varchar(20));

The integer, varchar are the domain that have a permitted value to store the data. In the case more amount of value can store we must specify the new limit.

SANTHIGIRI COLLEGE
(Affiliated to MG University)
VAZHITHALA

BACHELOR DEGREE PROGRAMME
IN
COMPUTER APPLICATIONS
(BCA)

2018-21

PROGRESS REPORT

Name MERIN JOSANY

Batch S₁ BCA B (2018-2021)
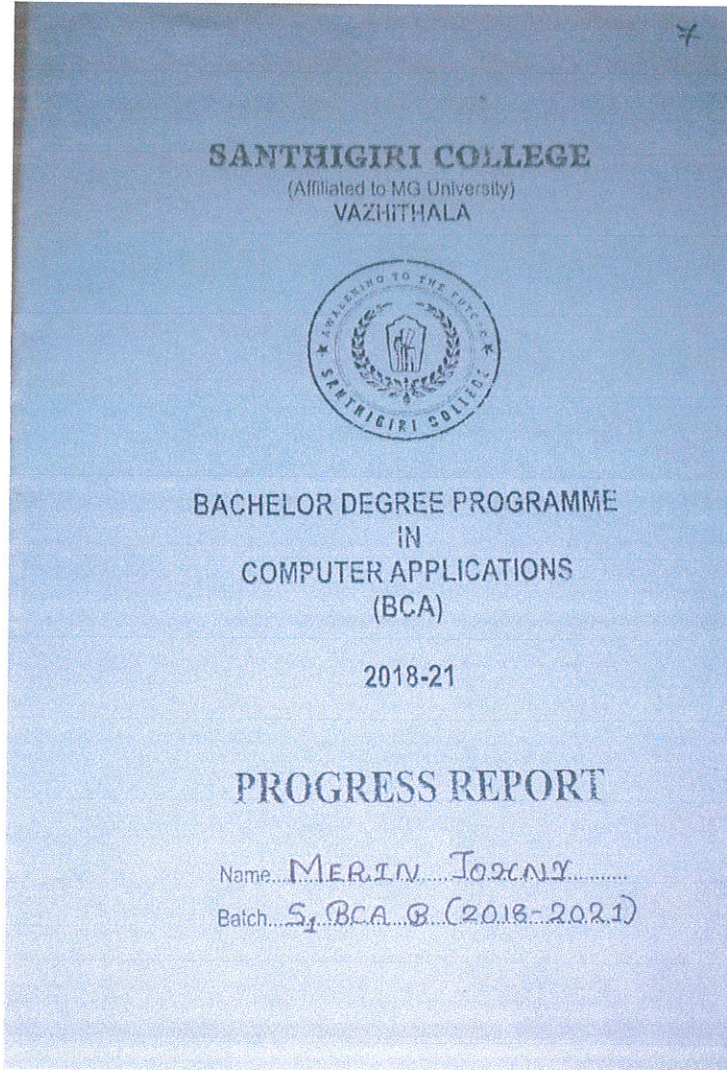
PRINCIPAL
SANTHIGIRI COLLEGE OF COMPUTER SCIENCES
VAZHITHALA P. O., THODUPUZHA
KERALA, PIN : 685 583

Third Semester BCA

In semester Assessment (ISA) -1

Pass minimum 50% for each course

Course Title	Marks	Signature With Remarks	
Advanced Statistical Methods	38		
Computer Graphics	42	Principal/ HOD	
Microprocessor and PC Hardware	34		
Operating Systems	43	Class-in Charge	Gilan
Data Structure Using C + +	46		
Software Lab - III	40	Guardian	

Total Marks	243	Percentage	81	Rank	6

In semester Assessment (ISA) -2

Pass minimum 50% for each course

Course Title	Marks	Signature With Remarks	
Advanced Statistical Methods	25		
Computer Graphics	35	Principal/ HOD	
Microprocessor and PC Hardware	36		
Operating Systems	44	Class-in Charge	
Data Structure Using C + +	43		
Software Lab - III	40	Guardian	

Total Marks	223	Percentage	74	Rank	4

Model Exam

Pass minimum 50% for each course

Course Title	Marks	Signature With Remarks	
Advanced Statistical Methods			
Computer Graphics		Principal/ HOD	
Microprocessor and PC Hardware			
Operating Systems		Class-in Charge	
Data Structure Using C + +			
Software Lab - III		Guardian	

Total Marks		Percentage		Rank	

Assessment Marks in EMBASE (College ERP)

≡   ℹ FAQ   GIBIN GEORGE

+ Mark Entry   📋 Internal Mark   📋 Student Mark   ℹ Progress Report

Select Batch	Select Semester	Select Programme		
MCA- 2022-24 ▾	First Semester ▾	MCA CT 105-Database technology and NoSql ▾	↻	🖨 Print

MCA CT 105-Database technology and NoSql

⬇ EXPORT

Sl	Roll No	University Reg No	Adm No	Name	Internal 1 5	Internal 2 5	Assignment 5	Seminar 5	Model Exam 5	Class Performance 5	Total 30
1	1		843	AKSHAY RAJ	2.60	2.70	4.90	4.70		5.00	19.90
2	2		847	ALBY BENNICHEN	3.70	3.30	4.90	4.65		4.60	21.15
3	3		833	ALEENA THOMAS	3.70	4.10	4.90	4.70		4.80	22.20
4	4		853	Amal Shajan	4.40	3.10	4.90	4.70		5.00	22.10
5	5		818	AMAL THOMAS	3.40	3.60	4.90	4.70		5.00	21.60
6	6		819	AMALA SHIBU	4.00	4.70	4.90	4.80		5.00	23.40
7	7		846	AMRUTHA VIJAYAN	3.30	3.90	4.90	4.90		4.80	21.80
8	8		837	ANGEL FRANCIS	3.30	3.50	4.90	4.80		4.80	21.30
9	9		842	ANJU SAJI	4.00	4.90	4.90	4.85		5.00	23.65
10	10		820	ANNMARY JOY	4.80	4.70	4.90	4.80		5.00	24.20
11	11		840	ANU JAMES	1.80	3.10	4.40	4.65		4.60	18.55
12	12		839	APARNA BIJU	2.80	2.70	4.40	4.75		4.60	19.25
13	13		821	ARJUN T S	2.30	3.10	4.40	4.85		5.00	19.65
14	14		822	BIJIMOL SAJI	3.80	4.60	4.40	4.85		5.00	22.65

PRINCIPAL
SANTHIGIRI COLLEGE OF COMPUTER SCIENCES
VAZHITHALA P. O., THODUPUZHA
KERALA, PIN : 685 583

Internal Mark Sheet Form A2 and B2

Internal ASSESSMENT (Theory) for U.G. Programme-CBCS (2020 admission)

Centre No.: 183   College: Santhigiri College of Computer Sciences   Semester: Third

Programme: BCA-A   Course Code: CA3CRT06   Course Title: Computer Graphics

Sl.No	Register Number	Name of the Candidate	Hours Present	% of Attendance	Assignment	Seminar	IAE-1	Model	IAE-2/Model	Improvement	Improvement	Test Marks Best II(E1,E2,E3)	Total Marks (M1+M2+M3+M4)
			42		7.5	2.5	50	80	50	80	50	10	20
					M1	M2	E1		E2		E3	M3	
1	200021092353	Abhinav Suresh	36	86	6.3	1.85	44	68	43	0	0	8.65	17
2	200021092354	Achu Jebi Mathew	41	98	6.3	2.13	38	65	41	0	0	7.8625	16
3	200021092355	Adarsh M Nair	42	100	6.3	1.98	42	43	27	0	0	6.8875	15
4	200021092356	Adithya Rajeev	41	98	6.3	2.15	41	72	45	0	0	8.6	17
5	200021092358	Afshad Bin Jamal	39	93	6.3	2.06	42	55	34	0	0	7.6375	16
6	200021092359	Aibel Shajan	37	88	5.0	2.15	42	57	36	0	0	7.7625	15
7	200021092360	Ajith Babu	42	100	6.3	2.10	40	79	49	0	0	8.9375	17
8	200021092361	Akhil Siby	37	88	6.3	2.30	42	64	40	0	0	8.2	17
9	200021092362	Akshay Manoj	39	93	6.3	2.30	43	61	38	0	0	8.1125	17
10	200021092363	Alan Biju	40	95	6.3	2.05	38	55	34	0	0	7.2375	16
11	200021092364	Alan Tom	30	71	5.0	2.10	43	56	35	0	0	7.8	15
56	200021092410	Edwin Soby	34	81	6.3	2.10	37	60	38	0	0	7.45	16
57	200021092411	Erin Roy	39	93	6.3	2.30	41	68	43	0	0	8.35	17
58	200021092412	Gayathri N M	42	100	6.3	2.30	41	63	39	0	0	8.0375	17
59	200021092413	George Benny	40	95	6.3	2.20	42	50	31	0	0	7.325	16
60	200021092414	Gopika Santhosh	36	86	6.3	2.10	39	62	39	0	0	7.675	16
61	200021092415	Gopika Sunil	38	90	6.3	1.98	40	64	40	0	0	8	16
62	200021092416	Gourisankar G	38	91	6.3	2.20	42	65	41	0	0	8.2625	17
63	200021092417	Govind C Pillai	37	88	6.3	2.45	43	60	38	0	0	8.05	17
64	200021092418	Grace Mary James	42	100	6.3	2.03	41	69	43	0	0	8.4125	17
65	200021092419	Greeshma Umesh	38	93	6.3	2.10	39	58	36	0	0	7.525	16

Fr. Paul Parakattel
Principal

Ms. Amitha Joseph
H.O.D

Dr. Dhanya Job
Teacher In Charge

PRINCIPAL
SANTHIGIRI COLLEGE OF COMPUTER SCIENCES
VAZHITHALA P. O., THODUPUZHA
KERALA, PIN : 685 583

MAHATMA GANDHI UNIVERSITY

Form B-2 (To be submitted to the University)

Internal Assesment for U.G. Programme-CBCS (2020 admission)

Centre No.: 183   College :Santhigiri College of Computer Sciences   Semester : 3

Programme :BACHELOR DEGREE PROGRAMME IN COMPUTER APPLICATIONS(BCA)

Sl.No	Reg.No	Name of the candidate	Complementary ASM Theory	Core Computer Graphics CA3CRT06 Theory	Core Microprocessor and PC CA3CRT07 Theory	Core Operating System CA3CRT08 Theory	Core Data Structure CA3CRT09 Theory	Core Software Lab.III CA3CRP03 Practical	Remarks
1	200021092353	Abhinav Suresh	17	17	17	17	16	18	
2	200021092354	Achu Jebi Mathew	18	16	17	17	16	18	
3	200021092355	Adarsh M Nair	16	15	16	16	16	12	
4	200021092356	Adithya Rajeev	18	17	17	18	16	12	
5	200021092358	Afshad Bin Jamal	17	16	17	16	16	12	
6	200021092359	Aibel Shajan	16	15	16	15	17	16	
7	200021092360	Ajith Babu	18	17	17	16	16	19	
8	200021092361	Akhil Siby	17	17	17	17	15	16	
9	200021092362	Akshay Manoj	19	17	19	18	19	18	
10	200021092363	Alan Biju	17	16	15	15	16	15	
11	200021092364	Alan Tom	16	15	16	15	15	11	
12	200021092365	Albin Biju	18	16	17	17	16	15	
13	200021092366	Alby Sunny	18	16	16	16	17	20	
14	200021092367	Alen Geo Alex	18	17	17	17	18	20	
15	200021092368	Alen Thomas	18	17	17	17	17	16	
16	200021092369	Alen Tojo	17	15	16	16	15	13	
17	200021092370	Allen Blaise	16	14	16	16	16	16	
18	200021092371	Alphonsa James	18	17	18	18	17	14	
19	200021092372	Alvin Thomas Mathew	17	16	16	16	16	16	
20	200021092373	Amith Mohanan	16	14	15	14	14	11	
120	200021092476	Vaidehi Jobiraj	18	18	17	17	17	17	
121	200021092477	Vaisakh K V	19	17	16	17	18	17	
122	200021092478	Viswajith K V	17	16	17	16	17	14	

Certified that:

1. The entries are verified with the records and there is no error or omission
2. These assessments were published and no grievances were from the students are pending

Subjects

Sl No	Subject Code	Subject Name
1		ASM
2	CA3CRT06	Computer Graphics
3	CA3CRT07	Microprocessor and PC Hardware
4	CA3CRT08	Operating System
5	CA3CRT09	Data Structure using C++
6	CA3CRP03	Software Lab III

Fr. Paul Parekattil
Principal

Ms. Amitha Joseph
H.O.D

Ms. Siji Antony
Teacher in Charge