



UNION CHRISTIAN COLLEGE ALUVA-2



Criterion 2

SSR 5th CYCLE 2023

2.5.1 Mechanism of internal/external assessment



Mechanism of internal/external assessment detailed in hand book

2. ACADEMIC PROGRAMMES: AIDED

2.1. UNDERGRADUATE PROGRAMMES

MAIN	STRENGTH	COMPLEMENTARY SUBJECTS
B. A. Economics Model I	60	Political Sc./ Mathematics./ History
English Model I	50	History
History Model I	30	Economics / Political Science
Malayalam Model I	50	Sanskrit
B.Sc. Botany Model I	32	Zoology / Chemistry
Chemistry Model I	48	Physics
Computer Science Model III	24	Mathematics / Statistics
Mathematics Model I	40	Statistics / Physics
Physics Model I	48	Mathematics / Chemistry / Statistics
Psychology Model I	30	Zoology / Statistics
Zoology Model I	32	Botany / Chemistry

2.2 POSTGRADUATE PROGRAMMES

M. A. Economics	15	M.Sc. Botany	10
English	15	Chemistry	10
History	15	Mathematics	15
Malayalam	15	Physics	12
		Psychology	15
		Zoology	12

3. ACADEMIC PROGRAMMES: SELF-FINANCING

3.1. UNDERGRADUATE PROGRAMMES

B.Sc. Biological Techniques & Specimen Preparation (BT & SP) Model III	30
Electronics & Computer Maintenance (E & CM) Model III	30
B.Com B.Com (Finance & Taxation) Model I	40
B.Com (Finance & Taxation) Model II	40

3.2. POSTGRADUATE PROGRAMMES

M.Sc. Bio-Technology	20
Bio-Informatics	20

3.3. ADD-ON PROGRAMMES

History : Advanced Diploma in Archaeology and Museology

4. OTHER ACADEMIC PROGRAMMES (AICTE)

4.1 Master of Computer Applications (M.C.A.)	120
4.2 Master of Business Administration (M.B.A.)	60

*Excerpt only. For full version of the regulations, refer to the Regulation of CBCSS, 2017 published by the Mahatma Gandhi University.



Attendance

Only students having a minimum of 75% average attendance for all the courses can register for the examination. Condonation Fees for shortage of attendance to a maximum of 10 days or 50 hours in a semester subject to a maximum of 2 times during the entire duration of the programme may be granted by the University on valid grounds.

This condonation shall not be counted for internal assessment.

Benefit of attendance may be granted to students attending University/ College Union/ Co-Curricular activities by treating them as present on the days of absence, on production of participation/attendance certificates, within one week, from competent authorities and endorsed by the Head of the institution. This is limited to a maximum of 10 days per semester and this benefit shall be considered for internal assessment also.

Students who are not eligible even with condonation due to shortage of attendance shall repeat the course along with the next batch.

5. REGULATIONS FOR UNDERGRADUATE PROGRAMMES

5.1 Choice Based Credit System 2017#

SCOPE: Applicable to all regular Undergraduate Programmes conducted by the University with effect from 2017 admissions, except for Professional and B. Voc. Programmes. The provisions supersede all the existing regulations for the Regular/ Distance/Private Undergraduate programmes to the extent herein prescribed

DEFINITIONS:

'Common Course I': A course that comes under the category of courses for English and **'Common Course II'** implies additional language.

'Complementary Course': A course which would enrich the study of core courses.

'Core course': A course within the subject of specialization in a degree (**Footnotes**) programme. It includes a course on Environmental Studies and Human Rights.

'Course': A portion of a subject to be taught and evaluated in a semester (similar to a paper under annual scheme)

'Credit' is the numerical value assigned to a paper according to the relative importance of the syllabus of the programme.

'Grade' A letter symbol (A, B, C, etc.), which indicates the broad level of performance of a student in a Paper/Course/ Semester/Programme.

'Grade Point' (GP) is the numerical indicator of the percentage of marks awarded to a student in a course.

'Open Course': An optional course which the student is free to take at his/her will.



Open courses shall be a non-major elective course offered by Departments other than the parent Department.

'Programme': A three year programme of study and examinations spread over six semesters, the successful completion of which would lead to the award of a degree.

'Semester' means a term consisting of a minimum **90** working days, inclusive of tutorials, examination days and other academic activities within a period of six months.

Words and expressions used and not defined in this regulation shall have the same meaning assigned to them in the Act and Statutes of the University.

DURATION: The duration of UG programmes shall be **6 semesters**. There shall be two semesters in an academic year : the 'ODD' semester shall commence in June and on completion of which, the 'EVEN' Semester shall commence. There shall be a two-month vacation during April /May. No student shall be allowed to complete the programme by attending more than 12 continuous semesters.

Registration: The strength of students for each programme shall be as per the existing orders, as approved by the University. The college shall send a list of students registered for each programme in each semester, giving the details of courses registered including repeat/ re-appearance courses, to the University in the prescribed form within 45 days from the commencement of the Semester. Those students who possess the required minimum attendance during a semester and could not register for the semester examination are permitted to apply for Notional Registration for the examinations concerned, which would enable them to be promoted to the next class.

Scheme and syllabus: The UG programmes shall include (a) Common Courses I and II (b) Core Course(s) (c) Complementary / Vocational Courses and (d) Open Course. There shall be one Choice Based Course (Elective Course) in the sixth semester.

For B. Com programme an elective stream shall be offered from third semester onwards.

Credit Transfer and Accumulation

system can be adopted in the programme. Transfer of Credit consists of an institution acknowledging, recognizing, and accepting credits for programmes or courses completed in another institution. The Credit Transfer Scheme shall allow students pursuing a programme in one University to continue their education in another University without a break.

Students who complete the programme with 'D' grade, as per Mahatma Gandhi University's "**Regulations for Under Graduate Programmes under Choice Based**

Minimum marks required

A separate minimum of 30% marks each for internal and external (for both theory and practical) and aggregate minimum of 35% are required for a student to pass a course. For a student to pass a programme, A separate minimum of Grade Disrequired in all the individual papers. If a candidate secures F grade for any one of the papers of feredina Semester/ Programme, only F grade will be awarded for that Semester/ Programme until he/she improves this to D Grade or above within the permitted period. (See Clause 5.3 for the full version of this Regulations)



Credit System 2017", will have one chance for improvement within 12 months, immediately after the publication of the result of the whole programme.

Students discontinued from previous regulations, CBCSS 2013, can pursue their studies, as per Mahatma Gandhi University's "Regulations for Under Graduate Programmes under Choice Based Credit System 2017" after obtaining readmission. These students have to complete the programme as per Mahatma Gandhi University "Regulations for Under Graduate Programmes under Choice Based Credit System 2017".

Practical examinations will be conducted only at the end of even semesters for all programmes. Special sanction shall be given to those programmes which need to conduct practical examinations at the end of odd semesters.

PROGRAMME STRUCTURE

Model I BA/BSc

a	Programme Duration	6 Semesters
b	Total Credits required for successful completion of the Programme	120
c	Credits required from Common Course I	22
d	Credits required from Common Course II	16
e	Credits required from Core course and Complementary courses including Project	79
f	Open Course	3
g	Minimum attendance required	75%

Model I/II B.Com

a	Programme Duration	6 Semesters
b	Total Credits required for successful completion of the Programme	120
c	Credits required from Common Course I	14
d	Credits required from Common Course II	8
e	Credits required from Core and Complementary/Vocational courses including Project	95
f	Open Course	3
g	Minimum attendance required	75%

Model III BA/BSc/B.Com

a	Programme Duration	6 Semesters
b	Total Credits required for successful completion of the Programme	120
c	Credits required from Common Course I	8
d	Credits required from Core Course + Complementary + Vocational Courses including Project	109
e	Open Course	3
f	Minimum attendance required	75%

EXAMINATIONS.: The evaluation of each paper shall contain two parts:(i) Internal or In-Semester Assessment (ISA) and (ii) External or End-Semester Assessment (ESA)

The internal to external assessment ratio shall be 1:4. Both internal and external marks are to be mathematically rounded to the nearest integer. For all papers (theory & practical), grades are given on a **7-point scale** based on the total percentage of marks, **(ISA+ESA)** as given below:-



Percentage of Marks	Grade Point	Grade
95 and above	S Outstanding	10
85 to below 95	A ⁺ Excellent	9
75 to below 85	A Very Good	8
65 to below 75	B ⁺ Good	7
55 to below 65	B Above Average	6
45 to below 55	C Satisfactory	5
35 to below 45	D Pass	

Grades for different courses, semesters and overall programme are given based on the corresponding CPA as shown below:

GPA	Grade
9.5 and above	S Outstanding
8.5 to below 9.5	A ⁺ Excellent
7.5 to below 8.5	A Very Good
6.5 to below 7.5	B ⁺ Good
5.5 to below 6.5	B Above Average
4.5 to below 5.5	C Satisfactory
3.5 to below 4.5	D Pass
Below 3.5	F Failure

CREDIT POINT AND CREDIT POINT AVERAGE

MARKS DISTRIBUTION FOR EXTERNAL EXAMINATION AND INTERNAL EVALUATION

The external theory examination of all semesters shall be conducted by the University at the end of each semester. Internal evaluation is to be done by continuous assessment. For all courses without practical's total marks of external examination is 80 and total marks of internal evaluation is 20.

Marks distribution for external and internal assessments and the components for internal evaluation with their marks are shown below:

For all courses without practical

(a) Marks of external Examination: 80 (b) Marks of internal evaluation: 20

All the three components of the internal assessment are mandatory.

Components of Internal Evaluation of theory	Marks
Attendance	5
Assignment/Seminar/Viva	5
Test paper(s) (1 or 2)(1x10=10; 2x5=10)	10
Total	20

For all courses with practical

(a) Marks for external evaluation: 60 (b) Total marks for internal evaluation: 15

Components Internal evaluation	Marks
Attendance	5
Assignment / Seminar/ Viva	2



Test Papers (2X4)	8
Total	15

For practical examinations

(a) Marks for external evaluation: 40 (b) Marks for internal evaluation: 10

Components Internal evaluation of Practical	Marks
Attendance	2
Test Papers (1X4)	4
Record*	4
Total	10

*Marks awarded for Record should be based on the number of experiments recorded and duly signed by the concerned teacher in charge. All three components of internal assessments are mandatory.

For projects

a) Marks of external Examination: 80 (b) Marks of internal evaluation: 20

Components of External Evaluation of Project	Marks
Dissertation (External)*	50
Viva-Voce (External)	30
Total	80

*Marks for Dissertation may include study tour report if proposed in the syllabus.

All the four components of the internal assessment are mandatory.

Components Internal Evaluation of project	Marks
Punctuality	5
Experimentation/Data collection	5
Knowledge	5
Report	5
Total	20

Attendance Evaluation for all papers

% of attendance	Marks
90 and above	5
85 – 89	4
80-84	3
76-79	2
75	1

(Decimals are to be rounded to the next higher whole number)

ASSIGNMENTS: Assignments are to be done from 1st to 4th Semesters. At least one assignment should be done in each semester for all courses.

SEMINAR/ VIVA: A student shall present a seminar in the 5th semester for each paper and appear for Viva-voce in the 6th semester for each course.

INTERNAL ASSESSMENT TEST PAPERS: Two test test-papers are to be conducted in each semester for each course. The evaluations of all components are to be published and are to be acknowledged by the candidates. All documents of internal assessments

are to be kept in the college for one year and shall be made available for verification by the University. The responsibility of evaluating the internal assessment is vested on the teacher(s), who teach the course.



Notification of Internal Examination

Second Centralized Internal Exam December 2022- Department Wise Time Table

I Sem Malayalam

Date	FN/AN	Time	Subject/Topic	Code
20.12.2022 Tuesday	FN	9.30 – 11.00	ENGLISH - FINE TUNE YOUR ENGLISH	401
		11.05-12.35	ENGLISH - PEARLS FROM THE DEEP	402
21.12.2022 Wednesday	FN	9.30 – 11.00	MALAYALA PADANATHINTE REETHISASTHRAM	408
		11.05-12.35	NAADAKAVUM CINEMAYUM	409
22.12.2022 Thursday	FN	9.30 – 11.00	HINDI - PROSE & ONE ACT PLAYS	415
			MALAYALAM - KATHASAHYTHYAM	410
		11.05-12.35	NAVEENA KAVITHA	407

I Sem English

Date	FN/AN	Time	Subject/Topic	Code
20.12.2022 Tuesday	FN	9.30 – 11.00	ENGLISH - FINE TUNE YOUR ENGLISH	401
		11.05-12.35	ENGLISH - PEARLS FROM THE DEEP	402
21.12.2022 Wednesday	FN	9.30 – 11.00	ROOTS OF MODERN WORLD- (Complementary for I BA English	424
22.12.2022	FN	9.30 – 11.00	HINDI - PROSE & ONE ACT PLAYS	415
			MALAYALAM - KATHASAHYTHYAM	410
		11.05-12.35	NUANCES: METHODOLOGY OF LITERARY STUDIES (I BA English)	403

I Sem Economics

Date	FN/AN	Time	Subject/Topic	Code
20.12.2022 Tuesday	FN	9.30 – 11.00	ENGLISH - FINE TUNE YOUR ENGLISH	401
		11.05-12.35	ENGLISH - PEARLS FROM THE DEEP	402



21.12.2022 Wednesday	FN	9.30 – 11.00	SOCIAL FORMATIONS IN PRE-MODERN INDIA (COMPLEMENTARY FOR I BA ECONOMICS) (OPTIONAL)	425
			GRAPHING FUNCTIONS, EQUATIONSEXPONENTIAL FUNCTIONS – (I BA Economics)	435
22.12.2022 Thursday	FN	9.30 – 11.00	HINDI - PROSE & ONE ACT PLAYS	415
			MALAYALAM - KATHSAHYTHYAM	410
		11.05- 12.35	PERSPECTIVES & METHODOLOGY OF ECONOMICS – (I BA Economics)	417

I Sem History

Date	FN/AN	Time	Subject/Topic	Code
20.12.2022 Tuesday	FN	9.30 – 11.00	ENGLISH - FINE TUNE YOUR ENGLISH	401
		11.05-12.35	ENGLISH - PEARLS FROM THE DEEP	402
21.12.2022 Wednesday	FN	9.30 – 11.00	PRINCIPLES OF ECONOMICS (Complementary I for I BA History)	418
22.12.2022 Thursday	FN	9.30 – 11.00	HINDI - PROSE & ONE ACT PLAYS	415
			MALAYALAM - KATHSAHYTHYAM	410
		11.05-12.35	PERSPECTIVES AND METHODOLOGIES IN SOCIAL SCIENCE – HISTORY (I BA History)	423

I Sem Psychology

Date	FN/AN	Time	Subject/Topic	Code
20.12.2022 Tuesday	FN	9.30 – 11.00	ENGLISH - FINE TUNE YOUR ENGLISH	401
		11.05-12.35	ENGLISH - PEARLS FROM THE DEEP	402
21.12.2022 Wednesday	FN	9.30 – 11.00	BODY SYSTEMS AND BEHAVIOUR – (for I B.Sc. Psychology)	461
		11.05-12.35	BASIC STATISTICS – (I B.Sc. Psychology)	437
22.12.2022 Thursday	FN	9.30 – 11.00	HINDI - PROSE & ONE ACT PLAYS	415
			MALAYALAM - KATHSAHYTHYAM	410
		11.05-12.35	FOUNDATIONS & METHODS OF PSYCHOLOGY (I Bsc Psychology)	429



I Sem Physics

Date	FN/AN	Time	Subject/Topic	Code
20.12.2022 Tuesday	FN	9.30 – 11.00	ENGLISH - FINE TUNE YOUR ENGLISH	401
		11.05-12.35	ENGLISH - PEARLS FROM THE DEEP	402
21.12.2022 Wednesday	FN	9.30 – 11.00	BASIC THEORITICAL & ANALYTICAL CHEMISTRY (I B. Sc Physics)	453
			DESCRIPTIVE STATISTICS (I B. Sc Physics/ MATHS)	436
		11.05-12.35	PARTIAL DIFFERENTIATION, MATRICES, TRIGNOMETRY & NUMERICAL METHODS – (for I B. Sc Physics)	432
22.12.2022 Thursday	FN	9.30 – 11.00	HINDI - PROSE & ONE	415
			ACT PLAYS	
			MALAYALAM - KATHSAHYTHYAM	410
		11.05-12.35	METHODOLOGY AND PERSPECTIVES OF PHYSICS – (I B.Sc. Physics)	443

I Sem Chemistry

Date	FN/AN	Time	Subject/Topic	Code
20.12.2022 Tuesday	FN	9.30 – 11.00	ENGLISH - FINE TUNE YOUR ENGLISH	401
		11.05-12.35	ENGLISH - PEARLS FROM THE DEEP	402
21.12.2022 Wednesday	FN	9.30 – 11.00	PROPERTIES OF MATTER & THERMODYNAMICS (for I B. Sc. Chemistry)	444
		11.05-12.35	PARTIAL DIFFERENTIATION, MATRICES, TRIGNOMETRY & NUMERICAL METHODS – (for I B. Sc. Chemistry)	433
22.12.2022 Thursday	FN	9.30 – 11.00	HINDI - PROSE & ONE	415
			ACT PLAYS	
			MALAYALAM - KATHSAHYTHYAM	410
		11.05-12.35	GENERAL AND ANALYTICAL CHEMISTRY – (I B.Sc. Chemistry)	452

I Sem Botany

Date	FN/AN	Time	Subject/Topic	Code
20.12.2022 Tuesday	FN	9.30 – 11.00	ENGLISH - FINE TUNE YOUR ENGLISH	401
		11.05-12.35	ENGLISH - PEARLS FROM THE DEEP	402



21.12.2022 Thursday	FN	9.30 – 11.00	BASIC THEORITICAL & ANALYTICAL CHEMISTRY – (for I B. Sc Botany and Zoology)	454
		11.05-12.35	NONCHORDATE DIVERSITY – (for I B. Sc Botany)	460
22.12.2022 Wednesday	FN	9.30 – 11.00	HINDI - PROSE & ONE	415
			ACT PLAYS	
		11.05-12.35	MALAYALAM - KATHSAHYTHYAM	410
METHODOLOGY & PERSPECTIVES OF SCIENCE ... - (I B.Sc. Botany)	455			

I Sem Zoology

Date	FN/AN	Time	Subject/Topic	Code
20.12.2022 Tuesday	FN	9.30 – 11.00	ENGLISH - FINE TUNE YOUR ENGLISH	401
		11.05-12.35	ENGLISH - PEARLS FROM THE DEEP	402
21.12.2022 Thursday	FN	9.30 – 11.00	BASIC THEORITICAL & ANALYTICAL CHEMISTRY – (for I B. Sc Botany and Zoology)	454
		11.05-12.35	CRYPTOGAMS, GYMNOSPERMS & PLANT PATHOLOGY - (I B. Sc. Zoology)	456
22.12.2022 Wednesday	FN	9.30 – 11.00	HINDI - PROSE & ONE	415
			ACT PLAYS	
		11.05-12.35	MALAYALAM - KATHSAHYTHYAM	410
GENERAL PERSPECTIVES IN SCIENCE AND PROTISTAN DIVERSITY - (I B.Sc. Zoology)	459			

I Sem Computer Science

Date	FN/AN	Time	Subject/Topic	Code
20.12.2022 Tuesday	FN	9.30 – 11.00	ENGLISH - FINE TUNE YOUR ENGLISH	401
		11.05-12.35	COMPUTER FUNDAMENTALS IN BASICS OF PC HARDWARE – (I B. Sc. Comp. Science)	465
21.12.2022 Wednesday	FN	9.30 – 11.00	DISCRETE MATHEMATICS (I) - (For I B.Sc. Computer Science)	434
22.12.2022 Thursday	FN	9.30 – 11.00	METHODOLOGY OF PROGRAMMING AND C LANGUAGE – (I B.Sc. Comp. Science)	466
		11.05-12.35	FUNDAMENTALS OF DIGITAL SYSTEMS - (I B.Sc. Comp. Science)	467



I Sem E & CM

Date	FN/AN	Time	Subject/Topic	Code
20.12.2022 Tuesday	FN	9.30 – 11.00	ENGLISH - FINE TUNE YOUR ENGLISH	494
		11.05-12.35	BASIC ELECTRONICS – (I B.Sc E&CM)	495
21.12.2022 Wednesday	FN	9.30 – 11.00	PARTIAL DIFFERENTIATION, MATRICES, TRIGONOMETRY & NUMERICAL METHODS – (I B.Sc. E&CM)	498
22.12.2022 Thursday	FN	9.30 – 11.00	METHODOLOGY OF SCIENCE – (I B.Sc E&CM)	496
		11.05-12.35	C PROGRAMMING - (for I B. Sc E & CM)	497

I Sem BT & SP

Date	FN/AN	Time	Subject/Topic	Code
20.12.2022 Tuesday	FN	9.30 – 11.00	ENGLISH - FINE TUNE YOUR ENGLISH	483
		11.05-12.35	INTRODUCTION TO BIOLOGICAL SCIENCES – (I B. Sc. BT & SP)	484
21.12.2022 Wednesday	FN	9.30 – 11.00	ELEMENTARY BIOCHEMISTRY - (I B.Sc. BT & SP)	487
		11.05-12.35	NON CHORDATA DIVERSITY - (I B.Sc. BT & SP)	488
22.12.2022 Thursday	FN	9.30 – 11.00	COLLECTION & PRESERVATION OF BIOLOGICAL SPECIMEN I (PLANTS) – (I B.Sc. BT & SP)	485
		11.05-12.35	COLLECTION & PRESERVATION OF BIOLOGICAL SPECIMEN II (ANIMALS) – (I B.Sc. BT & SP)	486

I Sem B Com (Model 1)

Date	FN/AN	Time	Subject/Topic	Code
20.12.2022 Tuesday	FN	9.30 – 11.00	ENGLISH - FINE TUNE YOUR ENGLISH	504
		11.05-12.35	Malayalam- KADHAYAUM KAVITHAYUM – (Model I)	507
			Hindi- PROSE & MASS MEDIA - (Model I)	505
21.12.2022 Wednesday	FN	9.30 – 11.00	CORPORATE REGULATIONS & ADMINISTRATION – (Model I & II)	511



		11.05-12.35	BANKING & INSURANCE – (Model I & II)	512
22.12.2022 Thursday	FN	9.30 – 11.00	DIMENSIONS & METHODOLOGY OF BUSINESS STUDIES – (Model I & II)	509
		11.05-12.35	FINANCIAL ACCOUNTING I – (Model I & II)	510

I Sem B Com (Model II)

Date	FN/AN	Time	Subject/Topic	Code
20.12.2022 Tuesday	FN	9.30 – 11.00	ENGLISH - FINE TUNE YOUR ENGLISH	504
		11.05-12.35	Malayalam- KADHA, KAVITHA, NADAKAM – (Model II)	508
			Hindi- PROSE, COMMERCIAL CORRESPONDENCE & TRANSLATION - (Model II)	506
21.12.2022 Wednesday	FN	9.30 – 11.00	CORPORATE REGULATIONS & ADMINISTRATION – (Model I & II)	511
		11.05-12.35	BANKING & INSURANCE – (Model I & II)	512
22.12.2022 Thursday	FN	9.30 – 11.00	DIMENSIONS & METHODOLOGY OF BUSINESS STUDIES – (Model I & II)	509
		11.05-12.35	FINANCIAL ACCOUNTING I – (Model I & II)	510

I Sem B SM

Date	FN/AN	Time	Subject/Topic	Code
20.12.2022 Tuesday	FN	9.30 – 11.00	ENGLISH - FINE TUNE YOUR ENGLISH	473
		11.05-12.35	SOCIOLOGY OF SPORTS	475
21.12.2022 Wednesday	FN	9.30 – 11.00	ECONOMICS OF SPORTS	474
22.12.2022 Thursday	FN	9.30 – 11.00	PRINCIPLES AND PRACTICES OF SPORTS MANAGEMENT	476
		11.05-12.35	FUNDAMENTALS OF SPORTS SCIENCE	477



I SEM MATHEMATICS

Date	FN/AN	Time	Subject/Topic	Code
20.12.2022 Tuesday	FN	9.30 – 11.00	ENGLISH - FINE TUNE YOUR ENGLISH	401
		11.05-12.35	ENGLISH - PEARLS FROM THE DEEP	402
21.12.2022 Wednesday	FN	9.30 – 11.00	DESCRIPTIVE STATISTICS (I B. Sc Physics/ MATHS)	436
		11.05-12.35	PROPERTIES OF MATTER & ERROR ANALYSIS (for I B. Sc MATHS)	445
22.12.2022 Thursday	FN	9.30 – 11.00	HINDI - PROSE & ONE ACT PLAYS	415
			MALAYALAM - KATHSAHYTHYAM	410
		11.05-12.35	FOUNDATIONS OF MATHEMATICS (I B.Sc. MATHS)	431



Internal Exam Duty list

Teacher's invigilation duty

Second Centralized Internal Exam December 2022

Class Room	Teachers Allotted 20/12/2022 FN	Teachers Allotted 22/12/2022 FN
PJ 1	Ms. Thasni Navas	Ms. Uma A V
	Ms. Beena A K	Dr. Priyanka N R
PJ 2	Dr. Jibin Jose Mathew	Ms. Ardra T Joy
	Mr. Dileep Chethala Neelakandan	Dr. Reshmi G R
PJ 3	Dr. Priya M P	Ms. Rintu Jose
	Mr. Ajay Gopal	Ms. Aswathy A G
PJ 4	Ms. Mary Jose	Ms. Susmi Skaria
	Mr. Akhil T V	Ms. Diya Dominic D.V
PJ 5	Dr. Shinoj V K	Dr. Justin R Nayagam
	Ms. Rajalakshmi R	Ms. Merin Rejoy
PJ 6	Mr. Arjun Mohan	Mr. Shyam Mohan
	Ms. Sheethal V R	Ms. Swathy K N
PJ 7	Ms. Binu Susan Paul	Mr. Jayadeep V K
	Ms. Bincy Jacob	Ms. Sabeela K Abdul Salam
PJ 8	Mr. Varghese Thomas K	Ms. Asha M P
	Dr. Divya Susan Philips	Ms. Rugma Suresh
VMH	Mr. Alwin Alexander	Dr. Simi Pushpan K
	Ms. Ahna Ameer	Ms. Juby John
AB 1	Ms. Anumol Jose	Ms. Ann Mary B
	Mr. Jenish Paul	Mr. Cijin K Paul
AB 2	Mr. Cheri Jacob K	Ms. Anitta Jose
	Ms. Sainaba A A	Ms. Preetha K S
SC 1	Dr. Shimi Paul Baby	Ms. Simi Varghese
	Ms. Rakhy Raphael	Dr. Reshmi R
NR 16	Ms. Sreeja S Nair	Dr. Madhu K
NR 18	Ms. Neethumol Varghese	Mr. Sunil Abraham Thomas
NR 19	Dr. Soumya P R	Dr. Pramod Dominic
NR 20	Mr. Eldo Varghese	Ms. Gincy Abraham
NR25	Dr. Jenee Peter	Ms. Asha Baby Mathews
NR 26	Ms. Sherin Annie Abraham	Ms. Feneena S Mohamed
NR 28	Dr. Aijo John K	Dr. Neelima Ranjith
NR 30	Ms. Greeshma K	Ms. Twincy Varghese
MB 1	Dr. Marikutty P J	Ms. Nino Baby
MB 2	Dr. Alex Mathew	Dr. Geena Joy
MB 28	Ms. Theres Jois Pattery	Ms. Jyothi Lakshmi S
MB 29	Ms. Shema Elizabeth Kovoor	Mr. Vipin Thomas
MB 30	Dr. Saju Mathew	Ms. Julie Ann Joseph
MB 35	Dr. Ajalesh B. Nair	MAJ. K S Narayanan
MB 36	Mr. Ajan P J	Dr. Radhika R S
MB 37	Dr. Sreelakshmi N	Ms. Sumitha Pankaj
MB 38	Mr. Kurian C. Soman	Ms. Malini R
ECONO PJ 1	Ms. Syna Soosan Abraham	Dr. Sunil Sekhar A C
ECONO PJ 2	Ms. Elizabeth Thomas	Dr. Nelson Joseph P
Library	Dr. Mini Alice	Dr. Sonia Chacko



Question Paper in OBE format

Union Christian College, Aluva				
				Code No: 606
First Internal Exam March 2023				
Course Code: CH2CRT02		Course Title: Theoretical and Inorganic Chemistry		
Faculty in charge: Dr. Jenish Paul & Ms. Minu Joys		Max Marks: 30	Duration: 1 1/2 Hours	
Name:		Class No./ Reg No:	Semester: II	
		Name of program:		
Course Outcome: CO1: Summarise various models of atomic structure CO2: Apply various theories of chemical bonding CO3: Apply and analyse basic ideas on s-block, p-block, d-block and f-block elements				
Sl No	Question	Bloom's Taxonomy (Revised)	CO	Marks
Section A Answer any five of the following (1 mark for each question) (1X5=5 marks)				
1	The radius of first orbit of hydrogen atom is 0.59 \AA . The radius of second orbit of hydrogen atom is-----	Apply	CO1	
2	Define lattice energy	Remember	CO2	
3	Discuss J.J.Thomson's model of atom	Understand	CO1	
4	Analyse Dalton Atomic theory	Analyse	CO1	
5	Use Fajan's rule to the polarization of ions	Apply	CO2	
6	Deduce any two properties of ionic bond	Evaluate	CO2	
Section B Answer any three of the following (5 marks for each question) (5X3=15 marks)				
7	Describe blackbody radiation	Understand	CO1	
8	Examine the important features of Rutherford atom model.	Analyze	CO1	
9	Deduce Born-Lande equation	Evaluate	CO2	
10	Apply Einstein equation to explain the photoelectric effect	Apply	CO1	
11	Examine the various factors affecting the formation of ionic bond	Analyze	CO2	
Section C Answer any one of the following (10 marks for each question) (10X1=10 marks)				
12	Using the postulates of Bohr model, find the radius of orbit in hydrogen atom and deduce the energy of electron in hydrogen atom.	Apply	CO1	
13	Illustrate the Born- Haber cycle and its applications.	Apply	CO2	



Internal Exam Answer Sheet

Union Christian College, Aluva				
				Code No: 626
First Internal Exam March 2023				
Course Code: ZY2CRT02		Course Title: ANIMAL DIVERSITY - NON CHORDATA		
Faculty in charge: Nila Devi K. N, Femi Anna Thomas		Max Marks: 30	Duration: 1 1/2 Hours	
Name: <i>Afnan Fatbin Manoj</i>		Class No./ Reg No: <i>451</i>	Semester: II	
		Name of Program: <i>Bsc Zoology</i>		
Course Outcome: CO1: Appreciate the diversity of life on earth CO2: Understand different levels of biological diversity through the systematic classification of invertebrate fauna CO3: Do taxa level identification of animals CO4: Understand the evolutionary significance of invertebrate fauna CO5: Have curiosity on invertebrate around us CO6: Understand the parasitic forms of lower invertebrates				
<i>29</i> <hr/> <i>30</i>				
Sl No	Question	Bloom's Taxonomy (Revised)	CO	Marks
Section A Answer any <i>five</i> of the following (1 mark for each question) (1X5=5 marks)				
1	List out the different respiratory organs in arthropods	Remembering	CO1	<i>1</i>
2	Comment on moulting	Understanding	CO1, CO2	<i>1</i>
3	Cite an example for Class Merostomata	Remembering	CO1, CO2	<i>1</i>
4	What are mesozoans?	Remembering	CO4	
5	Comment on gemmules	Understanding	CO2	<i>1</i>
6	Analyze the differences between ostia and osculum	Analyzing	CO5	<i>1</i>
Section B Answer any <i>three</i> of the following (5 marks for each question) (5X3=15 marks)				
7	Give the salient features of Subphylum Chelicerata	Understanding	CO1, CO2, CO3	<i>4 3/4</i>
8	What are the salient features of the subphylum trilobitomorpha?	Understanding	CO1, CO2, CO3	<i>4 1/2</i>
9	Evaluate the outline classification of kingdom animalia	Evaluating	CO1, CO2, CO3	
10	Analyze the characteristic features of phylum placozoa	Analyzing	CO2, CO4	
11	Explain the features of Rhopalura and Trichoplax	Understanding	CO2, CO4	<i>4 3/4</i>
Section C Answer any <i>one</i> of the following (10 marks for each question) (10X1=10 marks)				
12	Analyze the salient features of phylum Arthropoda with the classification	Analyzing	CO1, CO2, CO3	
13	Elaborate on corals and coral reefs	Analyzing	CO1, CO5	<i>10</i>

Succeeded
29
Afnan



ADDITIONAL SHEET

UNION CHRISTIAN COLLEGE, ALUVA.

SECTION - A

- 1, ~~Coxal glands, green glands, malphigian tub~~
- 1, Book gills, Book lungs, trachea, spiracles.
- 2, As arthropods grows they get rid of their cuticle or exoskeleton which inhibits its growth periodically before new one comes. This is called moulting.
- 3, Limulus
- 5, Ommatidia are asexual reproductive structures produced by sycon & internally. It can withstand unfavourable conditions and it hatches under ~~very~~ favourable conditions.
- 6, Ostia are pores present on the body of sycon through which water enters the body.
- 1, Osculum is the opening on the top of the organism through which water passes out of the organism.

SECTION - B

- 7, Sub phylum Chelicerata
 - * They are bilaterally symmetrical, triploblastic and coelomate organisms.
 - * They have chelicera or true jaw.
 - * Their body is divided into cephalothorax called Prosoma and posterior abdomen called opisthosoma.
 - * Respiratory organs include Book lungs, gills.
 - * Excretory organs are coxal glands or malphigian tub.
 - * Further divided into 3 classes :- Merostomata, Arachnida and Pycnopoda.



Class Merostomata

- * Body is divided into prosoma and opisthosoma
- * Prosoma has a pair of chelicerae and walking
- * Opisthosoma is further divided to ~~mesostoma~~ mesostoma and merostoma
- * Merostoma consists of appendages which helps in locomotion
- * Mesostoma ends in a sharp telson.
- * Respiratory organs book gills
- * Excretory organs coxal glands
- * ~~They~~ Important member is Limulus. They have haemocyanin in their blood instead of haemoglobin i.e, Cu is more than Fe. So their blood has a blue colour and is used for medicinal purposes.

Class Arachnida

- * Body divided into prosoma and opisthosoma
- * They are the air breathing arthropods
- * Respiratory organs are book lungs
- * Excretory organs coxal glands or malpighian tubules
- * Fertilisation internal. Sexes are separate
- * E.g. Spiders

Class Pycnopoda

- * Body is divided into ^{Head} cephalon, middle trunk and posterior abdomen
- * Head bears has 4 segments, middle trunk has 3 segments & posterior abdomen is vestigial
- * Head bears 4 pairs of appendages - a pair of chelicerae (jaws), a pair of walking legs, a pair of ovigerous legs (carry egg), a pair of pedipalps (to grasp). Middle trunk has 3 pairs of walking legs & abdomen is rudimentary & donot have appendages
- * Males carry the brooded egg. This larvae is called Protonymphon
- E.g. Sea spiders.



ADDITIONAL SHEET

UNION CHRISTIAN COLLEGE, ALUVA.

Subphylum Trilobitomorpha

- * They are three-lobed organisms.
- * They have biramous appendages on each segment except the last segment.
- * It consists of a class called Class Trilobita.
- * Body is divided into 3 tagmata (sections): Cephalon (head), thorax and abdomen.
- * They belong to phylum Arthropoda, which is the largest phylum with a large number of species.

Rhopalura ~~Class~~ ^{DIVISION} Mesozoa

- * They belong to ~~Class~~ ^{DIVISION} Mesozoa.
- * Body is cylindrical and vermiform.
- * ~~Body is covered by a monolayered~~
- * Tissues and organs are absent.
- * Body covered by ~~monolayered~~ epidermis which has monolayered ciliated cells called somatoderm. They are seen around a core of 2 or more reproductive cells of sperm or ova (axial cells).
- * Sexes are separate. Females are larger than males.
- * Females have masses of eggs inside their body.
- * Female gonopore is behind the middle part of the body.
- * Fertilisation is internal. Development is indirect through a ciliated larva (infusiform larva).

Trichoplax adhaerans

- * They ~~are~~ belong to Division Placozoa.
- * They are seen stuck to glass slides or pipettes.
- * They are flat and grow up to few millimeters.
- * Body has two cellular layers: The top epitheloid layer.



ADDITIONAL SHEET
UNION CHRISTIAN COLLEGE, ALUVA.

Types of Reef

① Fringing reef

- * They are the most commonly seen reefs.
- * They are also referred as shore reefs.
- * They grow from the seabottom, projecting seaward and directly grow at the shore.
- * The outer edge of a reef is called a reef edge or reef front.
- * ~~There is a region~~ Between a reef edge and shore there is a slightly lower, more or less flat ^{region} called reef flat.
- * There is an inner flat which serves as a boat channel for the natives.

② Barrier reef

- * They have grown in the sea about 1-15 kms away from the shore.
- * The Great Barrier reef of Australia is the longest barrier reef.
- * ^{Place of} inner flat is taken over by lagoon flat, otherwise similar to fringing reef.

③ Atoll reef

- * They are also referred as shore ^{island} or lagoon island.
- * They are circular or horse-shoe shaped.
- * Bermuda of Atlantic, Aldabra ⁱⁿ of Indian Ocean Lakshadweep islands are examples.



of ~~cylindrical~~^{calcareous} cells and bottom layer of cylinder cells with cilia which help in locomotion and gland cells which lack cilia.

- * In between two layers is a fluid filled cavity called fiber syncytium.
- * Reproduce asexually by fragmentation and budding
- * They also reproduce sexually

SECTION - C

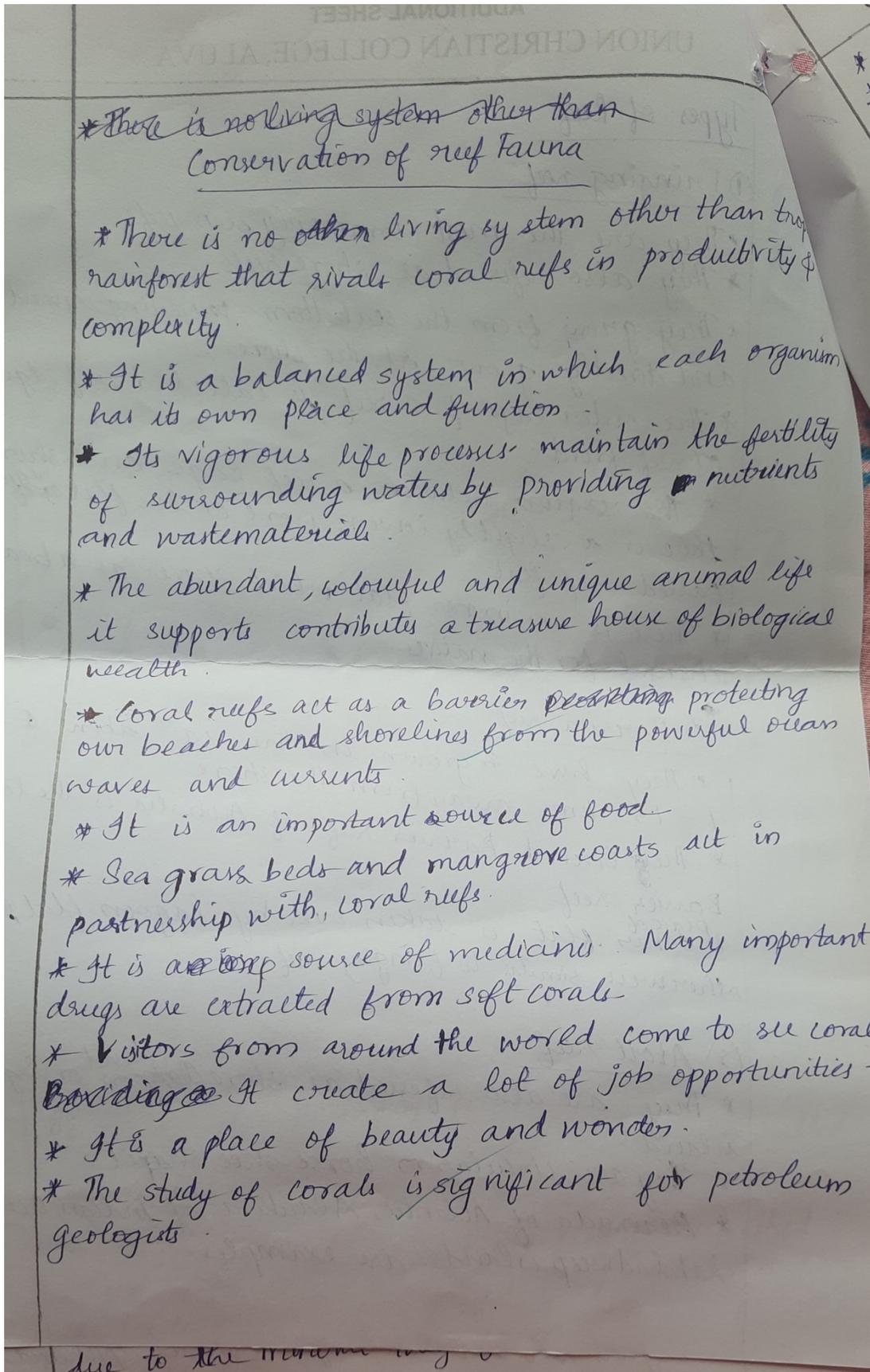
13. * A coral reef is a complex living community in which reef building corals create a physical environment where many plants and animals thrive.

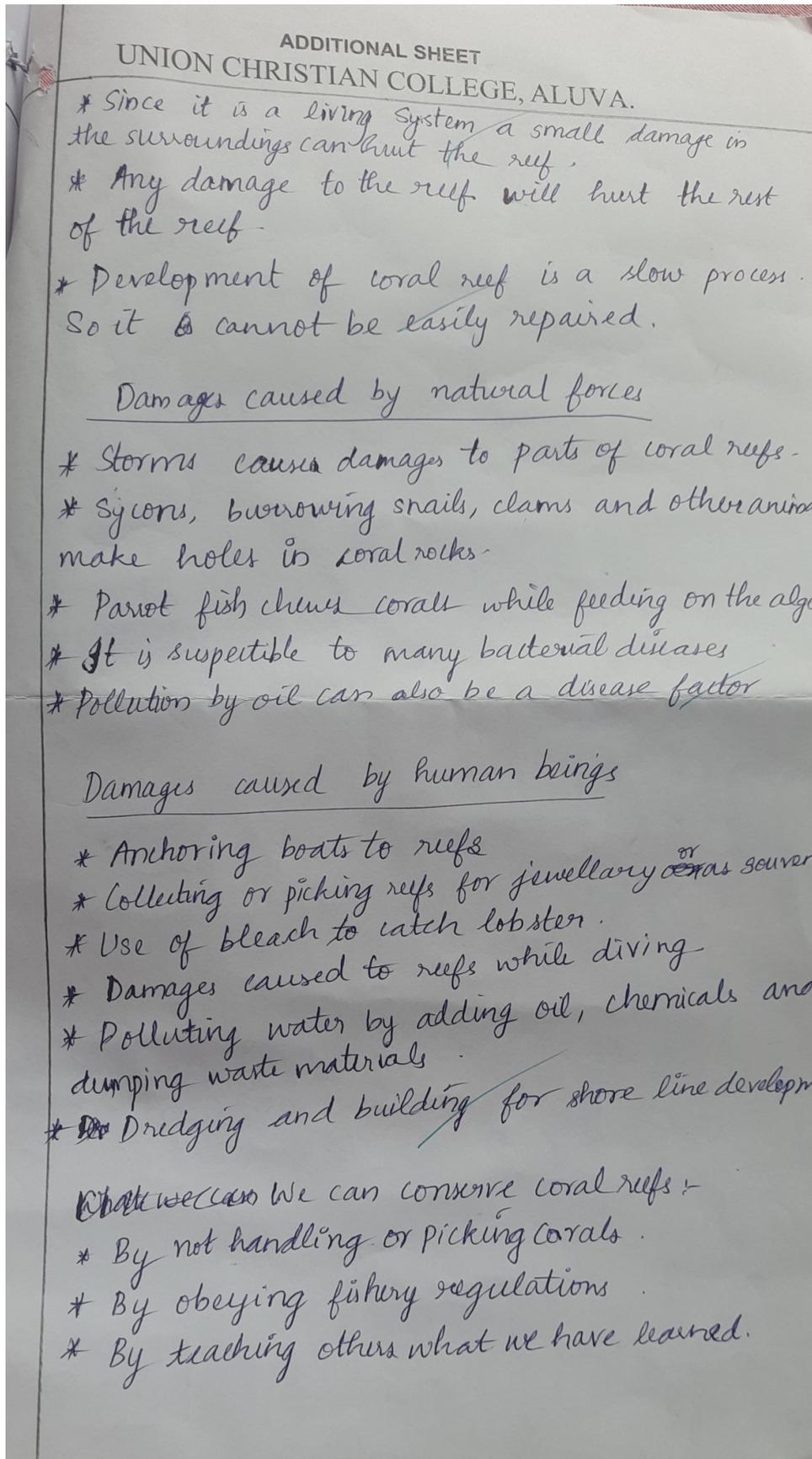
10. * The basic unit of a coral is a primitive animal called Polyp. A polyp forms cup-shaped structures around its soft body. They grow massive in groups. * As they grow and multiply new cup skeletons are formed on top of old shelled, stony, dead skeletons to form a ~~rock~~ coral "rock". Rock amasses to form reefs. Reefs are 10 kilometers long.

* The living surface of hard corals are green, yellow, pink or even blue. It is due to the presence of gastrovascular symbiotic algae zooxanthellae living in the lining of polyp "stomachs".

* The corals that form flexible skeletons are called soft corals. They are purple, tan, pink or brown.

* Two special corals - Black coral (Antipathes) & Red coral (Corallium) are prized for jewellery making due to the mineral they form.







Grievance Mechanism as Mentioned in Handbook

GRIEVANCE REDRESSAL MECHANISM

Internal assessment shall not be used as a tool for personal or any other type of vengeance. A student has all rights to know how the teacher arrived at the marks. In order to address the grievance of students, a three-level Grievance Redressal mechanism has been envisaged. A student can approach the upper level only if grievance has not been addressed at the lower level.

Level 1: Department Level: The Department cell chaired by the HOD, Department Coordinator, Faculty Advisor and Teacher in-charge as members.

Level 2: College level: A committee with the Principal as Chairman, College Coordinator, HOD of concerned Department and Department Coordinator as members.

Level 3: University Level: A Committee constituted by the Vice-Chancellor as Chairman, Pro-Vice-Chancellor, Convener - Syndicate Standing Committee on Students Discipline and Welfare, Chairman- Board of Examinations as members and the Controller of Examination as member-secretary.

The College Council shall nominate a Senior Teacher as coordinator of internal evaluations. This coordinator shall make arrangements for giving awareness of the internal evaluation components to students immediately after commencement of I semester. The internal evaluation marks/grades in the prescribed format should reach the University before the 4th week of October and March in every academic year.

EXTERNAL EXAMINATION: The external theory examination of all semesters shall be conducted by the University at the end of each semester. Only students having a minimum of 75% average attendance for all the courses can register for the examination. Condonation Fees for shortage of attendance to a maximum of 10 days in a semester subject to a maximum of 2 times during the entire duration of the programme may be granted by the University on valid grounds. This condonation shall not be counted for internal assessment. Benefit of attendance may be granted to students attending University/ College Union/ Co-curricular activities by marking them as present on the days of absence, on production of participation/ attendance certificates, within one week from competent authorities and endorsed by the Head of the institution. This is limited to a maximum of 10 days per semester and this benefit shall be considered for internal assessment also. Those students who are not eligible even with condonation due to shortage of attendance shall repeat the **semester** along with the next batch after obtaining readmission.

All students are to do a project in the area of core course. This project can be done individually or in groups (not more than five students) for all subjects which may be carried out inside or outside the campus. Special sanction shall be obtained from the



Vice-Chancellor to the new generation programmes and programmes on performing arts where students have to take projects which involve larger groups. The projects are to be identified during the II semester of the programme with the help of the supervising teacher. The report of the project in duplicate is to be submitted to the department in the sixth semester and is to be produced before the examiners appointed by the University. External Project evaluation and Viva / Presentation are compulsory for all subjects and will be conducted at the end of the programme.

There shall be supplementary exams only for the fifth semester. Notionally registered candidates can also apply for the said supplementary examinations. For reappearances/improvement, for other semesters the students can appear along with the next batch. A student who registers his/her name for the external exam for a semester will be eligible for promotion to the next semester. A student who has completed the entire curriculum requirement, but could not register for the Semester examination can register notionally, for getting eligibility for promotion to the next semester. A candidate who has not secured minimum marks/credits in internal examinations can redo the same registering along with the University examination for the same semester, subsequently. There shall be no improvement for internal evaluation.



UNION CHRISTIAN COLLEGE, ALUVA

Exam Related Grievance Submission Form

Sl. No.	Particulars	
1	Name of the Student	
2	Admission No./University Register No.	
3	Department	
4	Programme Name	
5	Semester	
7	Date of Grievance Submission	
9	Grievance	
10	Signature of Student	
12	Signature of Class Teacher	
14	Signature of HOD	

Action Taken (For Office Use)

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After internal exams PTA were conducted to get feedback from parents and communicate their ward progress









Software for internal exam mark entry and A form and B form Generation

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- Effective for management of multiple institutions from any where on internet.
- History for all the major transactions created for future reference.
- Short learning curve for any user.

Login

Institution: Union Christian College, Aluva, India
Year: 2023 - 2024
Username: 9496106863
Password:

Login

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Attendance entry

Report Incident | DOCUMENTS | Union Christian C | 2018-19 - Google Drive | Teacher Login

tcs.uccollege.edu.in/InternalExamination/StaffsInternalMarkEntry.aspx

Student Internal Assessments

Class: Fourth Semester-BSc Botany Paper: ORGANIC CHEMISTRY PRACTICALS- CH4CMP03
Assessment: Attendance Previous Dates: 31/03/2023
Assessment Date: 31/03/2023

View Details

Name	Roll No	Marks		Attendance
		Min	Max	
		0.00	2.00	
ADITHYA P	B 209	2		✓
AHMED ASIF M M	B 210	2		✓
AKSHAY A KUMAR	B 211	2		✓
ASWINIPRIYA V B	B 212	2		✓
BINIL K P	B 213	2		✓
C ATHIRA	B 214	1		✓
DEVIKA S MENON	B 215	2		✓
FATHIMA NAZRIN C N	B 216	2		✓
FEBEENA YOOSUF	B 217	2		✓
FIDA FATHIMA	B 218	2		✓
GAYATHRI SUNIL	B 219	2		✓
HIMA P K	B 220	0		✓
NAHLA HASSAN	B 221	0		✓

Test



UNION CHRISTIAN COLLEGE, ALUVA

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NAAC Re-Accredited with A Grade in 4th Cycle (CGPA 3.45)

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SSR
5th CYCLE
2023

Report Incident | DOCUMENTS | Union Christian C | 2018-19 - Google Drive | Teacher Login

tcs.uccollege.edu.in/ReportControls/ConsolidatedPaperWise.aspx?RptType=IMMG

Student Details | Attendance Day Wise | Attendance | **Internal Mark** | Time Table | Internal Mark / Internal MarkList (Form A)

Internal MarkList (Form A)

Course: BSc Botany | Semester: IV Sem-BSc Bot
 Paper: CH4CMP03 ORGANIC CHEMISTRY PRACTICALS | From Date: 21/11/2022
 To Date: 31/03/2023
 Status: Active | Centre No: G025
 Year of Admission: | Generate

Export to the selected format | Export

M G UNIVERSITY
INTERNAL ASSESSMENT(PRACTICAL) FOR U.G. PROGRAMME-CBCS(ADMISSION) -

Centre No : G025 | College : Union Christian College, Aluva, India
 Semester : IV Sem-BSc Bot | Programme : BSc Botany
 Course Code : CH4CMP03 | Course Title : ORGANIC CHEMISTRY PRACTICALS

Sl. No.	Reg No.	Name of Candidate	Attendance. Max : 2 Marks	Test 1 Max : 4 Marks	Record Max : 4 Marks	Grand Total Max : 10 (1)+(2)+(3)	Remarks
1	210021023043	ADITHYA P	2	4	4	10	
2	210021023044	AHMED ASIF M M	2	4	4	10	
3	210021023045	AKSHAY A KUMAR	2	4	4	10	
4	210021023046	ASWINPRIYA V B	2	4	4	10	

A form and B form (sample)

M G UNIVERSITY
INTERNAL ASSESSMENT FOR U.G. PROGRAMME-CBCS(2021 ADMISSION) - 2021-2022

Centre No : G025 | College : Union Christian College, Aluva, India | Semester : IV Sem-BSM
 Programme : Bachelor of Sports Management

Sl. No.	Reg. No.	Name of Candidate	Core Course						Remark	
			SM4CRT14	SM4CRT16	SM4OJPD1	SM4CRT15	SM4CRT13	SM4CRT12		
			Theory	Theory	OJT	Theory	Theory	Theory		
			Marks (20)	Marks (20)	Marks (20)	Marks (20)	Marks (20)	Marks (20)		
1	210021078887	A R RAHUL	20	18	18	18	16	19		
2	210021078888	ABHINAND T N	14	13	16	12	11	15		
3	210021078889	ABHINAV C	7	6	14	6	6	9		
4	210021078890	ABHINAV SUDHEER	16	14	16	12	12	16		
5	210021078891	ABIL MOHAMMED A K	10	8	16	6	8	12		
6	210021078892	ABIN DINESH	6	9	14	7	7	9		
7	210021078893	ADIL I	9	9	16	6	7	10		
8	210021078894	ADITHYA JANAN S	8	10	17	7	8	11		
9	210021078895	AKSHAY K B	9	8	15	6	7	10		
10	210021078896	ALBIN K SALIM	13	11	18	8	12	12		
11	210021078897	ALEN THOMAS	15	15	18	14	13	16		
12	210021078899	ANAMIKA JOY	20	19	19	19	19	18		
13	210021078900	ANANDU SIDHARTH V S	11	10	16	7	9	10		
14	210021078901	ANANYA SANJAY	19	18	18	18	18	19		
15	210021078902	ANIE DIXON	20	19	17	18	18	19		
16	210021078903	ANJANA V	10	12	15	9	10	12		
17	210021078904	ARUN RAJ D	6	9	14	6	6	9		
18	210021078905	CYRIL RAJAN	8	9	15	6	8	11		
19	210021078906	DHEERAJ GOPI	8	8	14	4	9	9		

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 from the students are pending.

Agay Gopal de
 Name and Signature of the Teacher(s) in Charge

Dr. BINDU. M
 Name and Signature of the Head of the Department
 Department of Physical Education
 Union Christian College,
 Aluva - 683 102

Union Christian College
 ERNAKULAM

Prof. P. V. Punnoose
 Name and Signature of the Principal
 Union Christian College, Aluva



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5th CYCLE
2023

M G UNIVERSITY

INTERNAL ASSESSMENT(Theory) FOR U.G. PROGRAMME-CBCS(2020-21 ADMISSION)

Centre No : G025

College : Union Christian College, Aluva, India

Semester : I Sem-BSM

Programme : Bachelor of Sports Management

Course Code : EN1CCT01

Course Title : Fine-tune Your English

Sl. No.	Reg No.	Name of Candidate	Attendance.	Assignment/ Seminar/viva	Test 1	Test 2	Grand Total	Remarks
			Max : 5	Max : 5	Max : 5	Max : 5	Max : 20	
			Marks	Marks	Marks	Marks	(1)+(2)+(3)	
1	200021081603	ABHAY DEV P S	5	5	3.5	3.5	17	
2	200021081604	ABHIJITH M R	5	5	3.75	4.25	18	
3	200021081605	ABHINAV E K	5	5	3.75	3.5	18	
4	200021081606	ABHIRAM BHASKARAN V P	5	5	3.75	3.75	18	
5	200021081607	ADARSH MOHANAN	5	5	3.5	3.5	17	
6	200021081608	AHMED ALI U C	5	5	3.5	3.5	17	
7	200021081609	AL SAHAF KABEER	5	5	3.5	3.5	17	
8	200021081610	ASHIQUE K S	5	5	3.5	3.5	17	
9	200021081611	CIYAN SAMI BIN ANWAR	5	5	4.25	4.5	19	
10	200021081612	EBIN K B	5	5	3.75	3.75	18	
11	200021081613	ELDHOSE K B	5	5	3.5	3.75	18	
12	200021081614	FAROOK FAISAL	5	5	3.5	4.25	18	
13	200021081615	HARIKRISHNAPRIYA G NAIK	5	5	4	4.25	19	
14	200021081616	JITHUMON P J	5	5	3.75	4	18	
15	200021081617	JOHN JOSE	5	5	3.5	3.75	18	
16	200021081618	MILAN SOMAN	5	5	3.75	3.75	18	
17	200021081619	MOHAMED AMEEN U H	5	5	3.5	3.75	18	
18	200021081620	MOHAMMED RIZWAN BASHEER	5	5	3.5	3.5	17	
19	200021081621	MUHAMAD RANEEF T A	5	5	3.5	3.5	17	
20	200021081622	MUHAMMED ANAS R	5	5	4	4	18	

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 from the students are pending.

Ann Pearl Sajju
Name and Signature of
the Teacher(s) in Charge

Dr. [Signature]
Name and Signature of the
Head of the Department



Dr. THEOPHILUS SIMON
Principal
Union Christian College
Aluva-2