SACRED HEART COLLEGE FOR WOMEN

CHALAKUDY, THRISSUR, KERALA

AQAR 2020-21

CRITERION II - TEACHING-LEARNING AND EVALUATION

SUB CRITERION **- 2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution**

SACRED HEART COLLEGE FOR WOMEN

CHALAKUDY, THRISSUR, KERALA

AQAR 2020-21

DEPARTMENT OF COMMERCE

CRITERION II - TEACHING-LEARNING AND EVALUATION

SUB CRITERION - **2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution**

CRITERION 2 - TEACHING-LEARNING AND EVALUATION
2.6.2. Attainment of Programme & Course outcomes evaluated by the dept of commerce

Programme outcomes	Methods of evaluating Programme/ Course outcomes by the institution	Inference
Critical Thinking	Examinations	Excellent academic performance, A+ and University ranks
	Quiz competitions Debate competitions	Excellent performance and prize winning positions
	Role Playing	Acquiring managerial and leadership qualities
	Budget Analysis	Analysing , evaluating and recognizing the impact of budget in the economy
Problem solving	Case study Analysis	Analyse the problem and find the best solution using relevant theoretical concept
	Skill based certificate / add on courses conducted by the department	Acquiring specific knowledge and skills in GST concepts and calculations
	Peer group discussion	Discussing and transferring ideas
	Knowledge sharing	Taking awareness classes to needy persons in the community

Effective Communication	English speaking day (Every Thursday)	Excellence in english communication skills
	Business news discussion	Acquiring knowledge and Creating innovative ideas in business
	Presentation on relevant topic	Update knowledge and acquiring an overview about changes
	Give class wise seminars and assignments and presentation	Ability in take presentations and Class seminars and submit assignments
	Field visits/study tour/commerce association (CASH)	Acquiring knowledge and ideas through experiential learning

Effective citizenship	Extension activities ;- Visits to Government children home Visit sevagiri Sneha bavan.	Students involvement in social issues, social commitment etc
Self directed and lifelong learning	Awareness classes/seminars/workshops/ career guidance seminars/NET coaching/driving classes/certificate courses/psc coaching	Students able to present seminars acquiring knowledge, Excellence in competitive exams Encourage self confidence and empowerment

SACRED HEART COLLEGE FOR WOMEN

CHALAKUDY, THRISSUR, KERALA

AQAR 2020-21

DEPARTMENT OF CHEMISTRY

CRITERION II - TEACHING-LEARNING AND EVALUATION

SUB CRITERION **- 2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution**

B Sc. Chemistry 2020–23 Batch

Semester: I Course category: Core Course I (CHE1B01)
Paper name: Theoretical and Inorganic Chemistry-I
Faculty: Dr. Santhosh Paul
Total strength: 25

Course outcome (CO)	Methods of evaluating the attainment of CO	Weightage in marks of questions in the internal exam to assess the CO	Percentage of Students attained the CO above 90 % level through different methods	Percentage of students attained the CO above 70 % level through different methods	Percentage of students attained the CO below 70 % level through different methods	Inference
CO I: To apply the methods of a research project	Internal Exam	10 Marks Q. no. 1, 2, 11 & 12	32	24	44	Students are new to this area, but they were able to pick up the ideas and concepts of research and projects
	Assignment	3 students were submitted assignment from this topic	67	33	0	
	Seminar	2 students have taken seminars from this topic	100	0	0	
CO II: To understand the principles behind volumetry	Internal Exam	24 Marks Q. no. 6, 13, 14, 18 & 19	16	24	60	Students have slightly struggled to understand the theory of the topic
	Assignment	6 students were submitted assignment from this topic	66	16	18	
	Seminar	4 students have taken seminars from this topic	50	25	25	
CO III: To analyse the	Internal Exam	23 Marks Q. no. 3, 7, 8, 9, 10 & 20	0	20	80	Students are able to grasp the topic as they are familiar to it
	Assignment	6 students were submitted assignment from this topic	100	0	0	

characteristics of different elements.	Seminar	8 students have taken seminars from this topic	100	0	0	
CO IV: To distinguish between different acid base concepts	Internal Exam	8 Marks. Q. no. 4 & 21	44	0	66	Students got good understanding about this topic And the theory behind it
	Assignment	3 students were submitted assignment from this topic	66	34	0	
	Seminar	5 students have taken seminars from this topic	60	20	20	
CO V: To analyse the stability of different nuclei	Internal Exam	14 Marks. Question no. 5, 12, 15 & 16	8	68	24	Students were able to ctach up the topic with repeated classes, seminars and assignments
	Assignment	3 students were submitted assignment from this topic	67	33	0	
	Seminar	2 students have taken sseminars from this topic	100	0	0	

Parameters

Marks (%)	Students attained the CO
80–100	Above 90% level
60–79	Above 70% level
Less than 60%	Below 70% level

SACRED HEART COLLEGE, CHALAKUDY
FIRST SEMESTER B.Sc DEGREE EXAMINATION (CBCSSUG – CHEMISTRY)
CHE1B01 - Core Course I: THEORETICAL AND INORGANIC CHEMISTRY – I

Time: Two Hours   **Maximum: 60 Marks**

Section A (Short answers)
(Answer questions up to 10 marks. Each question carries 2 marks)

1. What is hypothesis? How do you formulate hypothesis?

2. Differentiate Scientific law and theory

3. Explain Fajan's rule

4. Explain Lux-Flood concept

5. Disciuss group displacement law with suitable examples

6. What do you mean by primary and secondary standards

7. What do you mean by representative eleements

8. Define ionization entalpy

9. Explain diagonal relationship of elements with suitable examples

10. Write any four uses of ozone

11. What are the crriterias for scientific statement?

12. Explain nuclear fission with a suitable example.   [Ceiling of marks: 10]

Section B (Paragraph)

(Answer questions up to 15 marks. Each question carries 5 marks)

13. Explain how to store and handle chemicals in a laboratory

14. What are the methods of expressing concentration of a solution in chemistry

15. Explain Exchange theory and nuclear fluid theory

16. Explain the role of isotopes in radio diagnosis and radiotheerapy

17. What are the major objectives of chemical research?

18. Explain various Acid base titrations

19. Write down the action of metal ion indicators in complexometric titrations   [Ceiling of marks: 15]

Section C (Essay)
(Answer any one. Each question carries 10 marks)

20. Explain in detail how does periodic properrties vary across a period and across a column in a periodic table

21. Explain the classification of acids and bases as hard and soft.   [1 X 10 = 10]

B Sc. Chemistry 2020–23 Batch

Semester: II Course category: Core Course II (CHE1B02)
Paper name: Theoretical and Inorganic Chemistry-II
Faculty: Dr. Santhosh Paul
Total strength: 25

Course outcome (CO)	Methods of evaluating the attainment of CO	Weightage in marks of questions in the internal exam to assess the CO	Percentage of Students attained the CO above 90 % level through different methods	Percentage of students attained the CO above 70 % level through different methods	Percentage of Students attained the CO below 70 % level through different methods	Inference
CO I: To understand the importance and the impact of quantum revolution in science.	Internal Exam	15 Marks Q. no. 1, 2, 3, 4 & 13	20	44	36	Students were picked up easily in this topic
	Assignment	2 students were submitted assignment from this topic	50	50	0	
	Seminar	3 students have taken seminars from this topic	66	44	0	
CO II: To understand and apply the concept that the wave functions of hydrogen atom are nothing but atomic orbitals.	Internal Exam	25 Marks Q. no. 5, 14, 15 & 20	16	28	56	The topic is comparatively new to the students. More time taken for the students to understand this topic
	Assignment	7 students were submitted assignment from this topic	71	14	15	
	Seminar	6 students have taken seminars from this topic	66	16	18	
CO III: To understand that	Internal Exam	24 Marks Q. no. 6, 16, 17 & 21	8	20	72	Students were grasped the

chemical bonding is the mixing of wave functions of the two combining atoms.	Assignment	8 students were submitted assignment from this topic	75	25	0	topic withour much struggle
	Seminar	8 students have taken seminars from this topic	75	13	12	
CO IV: To understand the concept of hybridization as linear combination of orbitals of the same atom.	Internal Exam	15 Marks. Q. no. 7, 8, 18 & 19	20	24	56	The students learned the underlying concept of this topic
	Assignment	4 students were submitted assignment from this topic	75	25	0	
	Seminar	5 students have taken seminars from this topic	80	20	0	
CO V: To inculcate an atomic/molecular level philosophy in the mind.	Internal Exam	8 Marks. Q. no. 9, 10, 11 & 12	28	60	12	Coceiving the topic is important. Some of them got good idea about the whole topic
	Assignment	4 students were submitted assignment from this topic	100	0	0	
	Seminar	3 students have taken sseminars from this topic	75	25	0	

Parameters

Marks (%)	Students attained the CO
80–100	Above 90% level
60–79	Above 70% level
Less than 60%	Below 70% level

SACRED HEART COLLEGE, CHALAKUDY
SECOND SEMESTER B.Sc DEGREE EXAMINATION (CBCSSUG – CHEMISTRY)
CHE1B01 - Core Course I: THEORETICAL AND INORGANIC CHEMISTRY – II

Time: Two Hours   **Maximum: 60 Marks**

Section A (Short answers)
(Answer questions up to 10 marks. Each question carries 2 marks)

1. what is plum Pudding model of an atom?

2. What are the limitations of Rutherfford's model of atoms?

3. What is photoelectric effect

4. Write De Broglie Wave equation and explain the teerms

5. Define operator witha suitable example

6. What do you mean by bonding and antibonding molecular orbitals

7. Define hybridization

8. What are the limitations of VB Theory?

9. Explain how a pi bond is formed

10. Write down the conditions for effective combination of atomic orbitals

11. Differentiate orthogonality and orthonormality conditions

12. What do you mean by elecctron diffraction   [Ceiling of marks: 10]

Section B (Paragraph)
(Answer questions up to 15 marks. Each question carries 5 marks)

13. Explain the atomic spectrum or line spectrum of hydrogen

14. Derive the Laplacian and Hamiltonian operators from time independent Schrodinger wave equation

15. Distinguish between orbit and orbital

16. Differentiate atomic orbitals and molecular orbitals

17. Draw the molecular orrbital diagram of CO molecule and calcuate its bond order

18. Explain Valence Bond Theory

19. Explain sp^3d^2 hybridization with a suitable example and derive the geometry   [Ceiling of marks: 15]

Section C (Essay)
(Answer any one. Each question carries 10 marks)

20. Derive the particle in a one dimensional box problem

21. Derive the molecular orbital theory of H_2^+ ion   [1 X 10 = 10]

SACRED HEART COLLEGE FOR WOMEN

CHALAKUDY, THRISSUR, KERALA

AQAR 2020-21

DEPARTMENT OF PHYSICS

CRITERION II - TEACHING-LEARNING AND EVALUATION

SUB CRITERION **- 2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution**

MSc Physics- 2020-22 Batch - Semester I

Course category: Core Course I
Paper name: CLASSICAL MECHANICS(PHY1C01)
Batch : MSc PHYSICS Batch – 2019-21   Faculty Name : Ancymaria Varghese
Total strength of the class =11

Course Outcomes:
- **TheLagrangian and Hamiltonian approaches in classical mechanics.**
- **The classical background of Quantum mechanics and get familiarized with Poisson brackets and Hamilton -Jacobi equation**
- **Kinematics and Dynamics of rigid body in detail and ideas regarding Euler's equations of motion**
- **Theory of small oscillations in detail along with the basis of Free vibrations.**
- **Basic ideas about Non linear equations and chaos.**

Course Outcomes(CO)	Methods of evaluating the attainment of CO.	Weightage in marks of questions in the Internal exam to assess the CO. Evaluation of Assignments, Seminars etc	Percentage of students attained the CO above 90 % level through different methods	Percentage of students attained the CO above 70 % level through different methods	Percentage of students attained the CO below 70 % level through different methods	Inference
TheLagrangian and Hamiltonian approaches in classical mechanics.	Internal Exam	45 marks Question No- 1,9,13	45%	0%	55%	Basic understanding is attained by majority students.
	Assignment	11 students have done Assignments from this topic.	63%	37%	0%	
	Seminar					
The classical background of Quantum	Internal Exam	50 marks Question No- 2,6,10,14	18%	18%	64%	Students seem to struggle in this area due to difficulty in

mechanics and get familiarized with Poisson brackets and Hamilton -Jacobi equation	Assignment	11 students have done assignments on this topic.	54%	27%	19%	understanding the concepts.
	Seminar					
Kinematics and Dynamics of rigid body in detail and ideas regarding Euler's equations of motion	Internal Exam	50 marks Question No-3,7,11,15	55%	0 %	45%	Difficult concepts. More efforts are needed to increase the level of outcome.
	Assignment	11 students have done assignments on this topic.	72%	27%	1%	
	Seminar	5 students have done Seminars on this topic.	60%	20%	20%	
Theory of small oscillations in detail along with the basis of Free vibrations.	Internal Exam	35 marks Question No.-4,17,16	0%	0%	100%	Easy to understand the concepts and increase their level of outcome.
	Assignment					
	Seminar					
Basic ideas about Non linear equations and chaos.	Internal Exam	50 marks Question No.-5,8,12,18	0%	36%	64%	Easy to understand the concepts except for two topics. and increase their level of outcome.
	Assignment					
	Seminar	6 students have done Seminars on this topic.	50%	50%	0%	

Parameters

If marks secured is above 80% - students attained the CO above 90 % level

If marks secured is above 60% - students attained the CO above 70 % level

If marks secured is below 60% - students attained the CO below 70 % level

SACRED HEART COLLEGE CHALAKUDY
FIRST INTERNAL EXAMINATION-2021
M.SC Physics PHY1C01--CLASSICAL MECHANICS

Time : Three Hours   Maximum Weightage: 30 Weightage

Section A Answer all questions, each carry weightage 1

1. State D'Alembert's principle
2. Show that the transformation (q, p) to (Q, P) defined by Q = -p, P = q is an example of canonical transformation.
3. Describe Euler angles with respect to rotation of rigid bodies
4. Define small oscillations
5. What is a logistic map? Express it mathematically
6. Define poisson's brackets and its important properties
7. Explain coriolis force
8. Define Fixed points in a chaotic system .Give an example.

Section B Answer any two questions, each carry weightage 5

9. Explain Hamilton's principle and use that to derive the Lagrange's equations.

10. Deduce Hamilton's equations of motion and explain canonical transformation and obtain equations of transformation using generating functions F (g, P, t) and F (p, P, t,).

11. Explain about infinitesimal rotations and rate of change of vector.How it leads to coriolis force?

12. Describe logistics map.Discuss fixed points, universal constants and bifurcation diagram for it.

Section C Answer any four questions, each carry weightage 3

13. Taking the case of a simple harmonic oscillator in one dimension show
How do we obtain the Hamiltonian from the Lagrangian?

14. Prove the Poisson bracket relation between angular momentum components given by $[L_x, L_y] = L_z$

15. What are the different classification of tops on the basis of moment of inertia. Explain its significance.

16. Derive the expressions for normal frequencies and T4 normal coordinates for the vibrations of linear triatomic molecule

17. A particle of mass m moves along the x axis under the influence of potential energy $v(x) = -k\, x\, \exp(-\beta x)$ where k and β are constants. Find the equilibrium position.

18. Describe the possible attractors for a pendulum motion under various conditions.

MSc Physics- 2020-22 Batch - Semester I
CLASSICAL MECHANICS

NAME	SECTION A(Answer all questions, each carry 5 marks)								Section B (Answer any two questions, each carry 25 Marks)				Section C (Answer any four questions, each carry 15 marks)						TOTAL	Percentage of marks in CO1	Percentage of marks in CO2	Percentage of marks in CO3	Percentage of marks in CO4	Percentage of marks in CO5
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	150	Marks: 45	Marks: 50	Marks: 50	Marks: 35	Marks: 50
	CO1	CO2	CO3	CO4	CO5	CO2	CO3	CO5	CO1	CO2	CO3	CO5	CO1	CO2	CO3	CO4	CO4	CO5						
AHALYA RAHUL	5	4	5	5	5	5	5	5	25	25			12	12	15	15			143	93	92	50	57.14285714	20
AHKHILA N V	5	3	5	5	5	5	5	5	25	25			15	9	15		15		142	100	84	50	57.14285714	20
ANJANA ROSE	5	5	5	5	5	5	5	5			25	25	15	15	15	15			150	44	50	100	57.14285714	70
BETSY BABY	5	4	5	5	5	5	5	5	25		25		15		15			15	134	100	18	100	14.28571429	20
BETTY MARIYA VARGHESE	5		5	5	5	5	5	5	25	25			15		15		15		130	100	60	50	57.14285714	20
DISHA KADAMBATT	5	4	5	3	5	5	5	5			25	25	12	9	15	15			138	38	36	100	51.42857143	70
JAINA JACOB	3	3	3	5	5	5	5	5	25			25		15	15			15	129	62	46	46	14.28571429	70
JESMY SHAJU	5	5	5	5	5	5	5	5		25	25		15		15	15			135	44	70	100	57.14285714	20
JUDY VARGHESE	5	5	5	5	5	5	5	5	25			25		15	15		15		135	67	50	50	57.14285714	70
KAVYA SWAMINATHAN	5	5	5	5	5	5	5	5	25		25		15	15	15	15			150	100	50	100	57.14285714	20
NOOPURA ANAND	5	3	5	4	5	5	5	5		25	25		15	12	15			15	144	44	90	100	11.42857143	20

BSc Physics- 2020-23 Batch - Semester I

Course category: Core Course I
Paper name: PHY1B01: MECHANICS I
Faculty Name: Dr. Nijo Varghese & Ms. Fency K F
Total strength of the class = 27

COURSE OUTCOMES

CO1	Understand and apply the basic concepts of Newtonian Mechanics to Physical Systems
CO2	Understand and apply the basic idea of work-energy theorem to physical systems
CO3	Understand and apply the rotational dynamics of rigid bodies

Course Outcomes (CO)	Methods of evaluating the attainment of CO.	Weightage in marks of questions in the Internal exam to assess the CO. Evaluation of Assignments, Seminars etc	Percentage of students attained the CO above 90 % level through different methods	Percentage of students attained the CO above 70 % level through different methods	Percentage of students attained the CO below 70 % level through different methods	Inference
CO1 -Understand and apply the basic concepts of Newtonian Mechanics to Physical Systems	Internal Exam	23 marks Question No-1,2,4,18,19,20	37%	22%	41%	Majority have the basic understanding of the outcome.
	Assignment	All students have done Assignments from this topic.	95 %	5%	0%	
	Seminar	9 students have done Seminars on this topic.	80%	20%	0%	

CO2 -Understand and apply the basic idea of work-energy theorem to physical systems	Internal Exam	33 marks Question No-5,6,7,8,13,14,21	33%	30%	37%	.A bit more effort is needed as this concept is a little difficult
	Assignment	All students have done Assignments from this topic.	90 %	10%	0%	
	Seminar	9 students have done Seminars on this topic.	80%	20%	0%	
CO3 - Understand and apply the rotational dynamics of rigid bodies	Internal Exam	28 marks Question No-9,10,11,12,15,16,17,22	4%	26%	70%	More efforts are needed to increase the level of outcome as the topic is difficult
	Seminar	9 students have done Seminars on this topic.	80%	20%	0%	
	Assignment	All students have done Assignments from this topic.	95 %	5%	0%	

Parameters

If marks secured is above 80% - students attained the CO above 90 % level

If marks secured is above 60% - students attained the CO above 70 % level

If marks secured is below 60% - students attained the CO below 70 % level

B.Sc PHYSICS I SEMESTER II INTERNAL EXAMINATION 2020-21
Core Course – Physics: PHY1B01 - MECHANICS-I

Time: 2 Hrs   **Maximum: 60 Marks**

Section A– Short Answer type. **(Short Answer Type; Answer all questions; Each correct answer carries two marks)**

1. State work-energy theorem. Give its significance.
2. Explain the terms (a) Physical pendulum (b) Radius of gyration
3. Distinguish between torque and force.
4. Draw the energy diagram of an attractive two-atom system and mark the bounded region.
5. What are conservative forces? Give examples.
6. Describe the dynamics of a spring – block system.
7. Work done during uniform circular motion is zero. Justify.
8. A block of mass is moving in x-direction with velocity **V.** What is the angular momentum of the block about a point B at a distance l on y-axis.
9. What is friction? What is the expression for the maximum value of friction?
10. Show that the motion under central force is confined to a plane.
11. State and explain Newton's law of gravitation.
12. What are fictitious forces? Give an example.   **(Ceiling - 20)**

Section B (Paragraph/Problem Type; Answer all questions in a paragraph; Each correct answer carries a maximum of five marks)

13. Explain the energy diagram of a harmonic oscillator and hence prove that harmonic oscillator is a good example of bounded motion.
14. Discuss the general steps involved in applying Newton's laws to a system. Consider the case of two bodies placed on a tabletop as an example.
15. Explain the principle of Atwood's machine.
16. A Drum Major's Baton consists of two masses m_1 and m_2 separated by a thin rod of length l. The baton is thrown into the air. Find the centre of mass and equation of motion for the centre of mass of the baton.
17. Obtain the moment of inertia of a disc.
18. Develop the equation of motion for simple harmonic motion.
19. Explain the principle and working of a bola.   **(Ceiling - 30)**

Section C   **(Answer any one question; Answer carries 10 marks)**

20. Define the term potential energy. Derive the relation between potential energy and force for a conservative system and discuss how this relation is used in stability analysis.
21. Obtain the relation between torque and angular momentum. Using this prove Kepler's law of equal areas.   **(1x10=10 marks)**

BSc Physics- 2020-23 Batch - Semester II

Course category: Core Course II
Paper name: PHY2B02: MECHANICS II
Batch : BSc. Physics – 2020-23   Faculty Name : Maria Mookken & Libi Prakash
Total strength of the class = 27

COURSE OUTCOMES

CO1	Understand the features of non-inertial systems and fictitious forces
CO2	Understand and analyze the features of central forces with respect to planetary forces
CO3	Understand the basic ideas of Harmonic Oscillations
CO4	Understand the analyze the basic concepts of wave motion

Course Outcomes(CO)	Methods of evaluating the attainment of CO.	Weightage in marks of questions in the Internal exam to assess the CO. Evaluation of Assignments, Seminars etc	Percentage of students attained the CO above 90 % level through different methods	Percentage of students attained the CO above 70 % level through different methods	Percentage of students attained the CO below 70 % level through different methods	Inference
CO1- Understand the features of non-inertial systems and fictitious forces	Internal Exam	33 marks Question No-9, 10,11,12,18,19,20,23	11%	22%	67%	Basic understanding is attained by majority students. A Little more practices needed
	Assignment	All students have done Assignments from this topic.	90 %	10%	0%	
	Seminar	9 students have done Seminars on this topic.	80%	20%	0%	

CO2- Understand and analyze the features of central forces with respect to planetary forces	Internal Exam	30 marks (First internal test)	93%	5%	2%	Most of the students attained the proposed outcome.
	Assignment	All students have done Assignments from this topic.	90 %	10%	0%	
	Seminar	5 students have done Seminars on this topic.	85%	15%	0%	
CO3 - Understand the basic ideas of Harmonic Oscillations.	Internal Exam	33 marks Question No- 1,2,3,4,15,16,17,21	0%	7%	93%	More efforts are needed to increase the level of outcome.
	Seminar	13 students have done Seminars on this topic.	80%	20%	0%	
	Assignment	9 students have done Assignments from this topic.	90 %	10%	0%	
CO4 - Understand the analyze the basic concepts of wave motion	Internal Exam	28 marks Question No- 5,6,7,8,13,14,22	5%	0%	95%	More efforts are needed to increase the level of outcome, as the concept is a bit difficult.
	Seminar	9 students have done Seminars on this topic.	83%	17%	0%	
	Assignment	All students have done Assignments from this topic.	90 %	10%	0%	

Parameters

If marks secured is above 80% - students attained the CO above 90 % level

If marks secured is above 60% - students attained the CO above 70 % level

If marks secured is below 60% - students attained the CO below 70 % level

SACRED HEART COLLEGE, CHALAKUDY
B.Sc PHYSICS SECOND SEMESTER INTERNAL EXAMINATION JUNE 2021
PHY2B02: MECHANICS II

Time: 2 Hrs   **Total Marks: 60**

Section A – Short Answer type.   (Answer all questions in two or three sentences, each correct answer carries maximum of 2 marks)

1. What is damped oscillations?
2. What is meant by amplitude resonance?
3. Write down the differential equation of the damped harmonic oscillator and mention the term involved?
4. What is logarithmic decrement?
5. Define Phase velocity and group velocity.
6. Write down the differential equation for one dimensional wave and explain the terms.
7. What is a pulse? How is time duration of pulse represented mathematically?
8. What is meant by normal modes of vibration?
9. Define an inertial frame of reference.
10. State the principle of equivalence.
11. What are Galilean transformations?
12. State the principle of relativity.   (Ceiling – 20)

Section B – Paragraph / Problem type.   (Each correct answer carries a maximum of 5 marks)

13. Show that velocity of sound is independent of pressure
14. **a)** The phase velocity of gravity waves of wavelength λ is given by . Show

        that

     b) show that a standing wave of the form   obeys classical wave equation

15. Prove that the space average of kinetic and potential energy is not equal.
16. Show that in presence of damping force, velocity of an oscillating particle decreases exponentially with time.

17. Show that in a forced harmonic oscillator the power absorbed is maximum at the frequency of velocity resonance.

18. What is a Foucault pendulum? Calculate the time it will take the plane of oscillation of a Foucault's pendulum to turn through 90o at a point where the co-latitude is 60o .

19. What are uniformly accelerating systems? Discuss the origin of fictitious forces in such systems.

20.A cylinder rolls on an accelerating plank. Find the acceleration of the cylinder. (Ceiling – 30)

SECTION C – Essay type (Essays - Answer in about two pages, any one question. Answer carries l0 marks)

21. Derive the equation for damped harmonic oscillator and solve it. Discuss the three cases of damping

22. Derive an expression for energy associated with a mechanical wave .

23. What is a rotating coordinate system? Obtain expression for acceleration relative to rotating coordinates. Hence discuss Coriolis forces and centrifugal forces**.** (1 x 10 = 10)

B.Sc PHYSICS FIRST SEMESTER INTERNAL EXAMINATION JUNE 2021

PHY2B02: MECHANICS II

Time: 2 hrs **Total Marks: 20+10(Viva) =30 Marks**

Section A (Answer all questions, each correct answer carries a maximum of 2 marks)

1. What is a central force?

2. Give the condition of closure for an orbit.

3. Write the solution of linear S.H.M and expression for velocity of the particle at any instant. (Ceiling - 4)

Section B (Answer all questions in a paragraph, each correct answer carries a maximum of 4 marks)

4. What are the general properties of a central force motion?

5. The mean distance of Mars from the Sun is 1.524 times that of the earth from the sun. How many years would be required for mars to make one revolution around the sun?

6. Setup the differential equation for S.H.M of particle attached to a spring. (Ceiling - 8)

Section C (Answer any one question) 7. State and prove Kepler's first law of planetary motion.

8. Derive an expression for the KE and PE and total energy for a particle executing S.H.M. Plot the energies as a function of displacement. (1 x 8 = 8 marks)

Internal Exam CO Mapping BSc. Physics 2020-23 Batch Semester -1 (Physics Core) PHY1B01: MECHANICS I

Section A- (Short Answer Type) Each question carries 2 marks. Answer all questions. (Ceiling – 20) — Questions 1–12

Section B – Paragraph / Problem type. (Each correct answer carries a maximum of 5 marks) (Ceiling – 30) — Questions 13–20

SECTION C (Essay Type) Answer any two of the following questions. Each question carries 10 marks. — Questions 21–22

Percentage of marks in CO1 — Marks: 23, Eff Mrk: 16
Percentage of marks in CO2 — Marks: 33, Eff Mrk: 24
Percentage of marks in CO3 — Marks: 28, Eff Mrk: 20

Register	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	Total Marks	% CO1	% CO2	% CO3	Remarks
	Q.No →	CO1	CO1	CO1	CO1	CO2	CO2	CO2	CO2	CO3	CO3	CO3	CO3	CO2	CO2	CO3	CO3	CO3	CO1	CO1	CO1	CO2	CO3	60				
12526	AbhiramiKH	1.5	2	1		2	2	1	2	2			0.5	4		5	1		3	1			8	33	53.1	77.1	55.0	
12547	Abia Cleetaus		2			1	1					2			1		2						4	10	12.5	33.3	15.0	
12730	AMBIKA REEN BAE	1	2	2	1	2	2		1	1.5		1.5		5	2	2.5	3		4	3	1.5	3	9	44	90.6	72.9	75.0	
12676	Anisha P. V	2	2	1		1.5	2	1		1		1		4		3	4		2.5	3		2	7	35	65.6	66.7	52.5	
12731	Anjana A B	2	2	2	0	2	2	1	1		2	2		5	5	3	2		5	2			4	38	81.3	58.3	75.0	
12671	Anjana Sajeevan	2	2	2		1.5	1	1	2		1		1	3	2	2.5	3		2	1			5	29	56.3	52.1	52.5	
12566	Anna Jose	1.5	2			2		1	1.5		2	1	1.5	1	2	1	2	2.5		3			3	24	40.6	54.2	37.5	
12521	ANU DASAN M D	2	1	2	2	1	1.5	1	2		2	1	0.5	1	2	2	3		3				4	26	62.5	52.1	42.5	
12745	AryaSunny	2	2	2	1	2	1	1.5	1			1	1	1.5	2.5	3				1		1	5	22	50.0	41.7	52.5	
12692	AYANA BOSE P C	2	2	2	2	1	1.5	1	2	2	2	1	1		4.5	5	5	4	5	5	2		8	55	100.0	100.0	50.0	
12589	Gauri T S		2	2	2	2	1	2	1	1.5	2	2	2	1	4	2	5	3	5	3	5	3	9	58	100.0	100.0	57.5	
12712	Nikitha k. R	2	2	1	2		1.5	2	2	0.5	1	1	2	3			3.5	3	2.5	3	1		7	33	84.4	75.0	42.5	
12544	Sandra santhosh	2	2	2		1	2	1		1	2	0.5		4		4.5	5		5	4.5	4	2	6	41	90.6	81.3	72.5	
12536	Satheertha TS	2	2		2	2	1	2	2	2	2	1	2		2.5	3	5	2	5	4.5			7	44	96.9	100.0	47.5	
12728	Shahna.c.t		2	1		1	1	2		2	1	2	1	1	4	4	2.5	3	3	3.5			7	39	59.4	93.8	45.0	
12747	Abhirami T	1	2	1	1.5	2	1	2	1.5	2	1	1	2	2	5	2.5	5	4	3.5	3			8	46	75.0	100.0	67.5	
12567	Agna Rose Raju	2	2	1	2	1	2	1.5	1	1.5	2	2	2	3.5	3.5	1.5	4		4.5	3			4	36	90.6	70.8	62.5	
12525	Anagha A S		2	2	1.5	2		2		2	1	2	2	1	4.5	4	2.5	3	3	3.5	2	3	8	49	87.5	100.0	62.5	
12780	Angela S	2	2	2	2	2	2	2	2	2	2	1	1.5	5	5	4	5	2.5		3	1	2	9	56	75.0	100.0	100.0	
12737	Arathi KB		1	0.5									0.5											2	9.4	2.1	0.0	
12689	AYISHA FARHEEN	2	2	2	1	2	1	1.5	1			1	1	5	5	5	5	4.5	4.5	5			4	44	100.0	85.4	77.5	
12599	BLESSY BABU	1	2	2	1	2	2		1	1.5		1.5		5	2	2.5	3		4	3	1.5	3	9	42	90.6	72.9	75.0	
12612	Jyothi.M S			1			1		1			1			1				1				2	8	12.5	20.8	5.0	
12764	Lakshmi Thilakan	2		1		1.5			0.5	1	1								1				2	10	25.0	18.8	7.5	
12524	Luluva V.S	2	2	2		1	2	1		1	2	0.5		4	4.5	5		5	4.5	4			5	39	90.6	77.1	62.5	
12540	NIYA C V	1.5	2	2		2	2	1	2	2	2		2	4	4	5	4		3	5		2	8	48	84.4	95.8	85.0	
12718	Sona Mariya	1	2	1	1.5	2	1	2	2	2	1	1	2	2	5	5	5	4	3.5	5	2		8	55	100.0	100.0	70.0	

Internal Exam CO Mapping BSc. Physics 2020-23 Batch Semester -2 (Physics Core) PHY2B02: MECHANICS II

Register	Name	Q1 CO3	Q2 CO3	Q3 CO3	Q4 CO3	Q5 CO4	Q6 CO4	Q7 CO4	Q8 CO4	Q9 CO1	Q10 CO1	Q11 CO1	Q12 CO1	Q13 CO4	Q14 CO4	Q15 CO3	Q16 CO3	Q17 CO3	Q18 CO1	Q19 CO1	Q20 CO1	Q21 CO3	Q22 CO4	Q23 CO1	Total Marks (60)	% CO1 (Marks:33, Eff 21)	% CO3 (Marks:33, Eff 21)	% CO4 (Marks:28, Eff 17)	% CO2 (Marks:30, Eff 30)	Total mark Internal test 1 (Marks:30)
12526	AbhiramiKH	2		1.5	1			0.5	1	2	1	1					3		1	2	4	2		6	22	85.7	45.2	2.9	83	25
12547	Abia Cleetaus		1							1		1.5	1							1	2.5			1.5	9.5	40.5	4.8	0.0	85	25.5
12730	AMBIKA REEN BABU																									0.0	0.0	0.0	92	27.5
12676	Anisha P. V																									0.0	0.0	0.0	72	21.5
12731	Anjana A B	2								2	2	1	1.5			5			2.5		1.5			8	27.5	88.1	33.3	0.0	0	0
12671	Anjana Sajeevan	2	1	1.5	1					1	2	1	1			1			3	1		8			22	42.9	69.0	0.0	88	26.5
12566	Anna Jose	2						2		1.5	1.5	2	2				2.5		2.5	2		4.5		1.5	22.5	61.9	42.9	11.8	85	25.5
12521	ANU DASAN M D	2								1	2		1.5		4				2					2	14.5	40.5	28.6	0.0	0	0
12745	AryaSunny			1						1	1										2			6.5	11.5	50.0	4.8	0.0	70	21
12692	AYANA BOSE P C	2	1	1.5	1		2		2	2	2	2	1.5			5			3	2.5	4.5			8	40	100.0	50.0	23.5	98	29.5
12589	Gauri T S	2	1.5		0.5			1	1.5	2	2	2				5	1	1	2.5	3	5			7.5	37.5	100.0	52.4	5.9	90	27
12712	Nikitha k. R			2	1.5					2		2				5	2		2.5			6			23	31.0	78.6	0.0	82	24.5
12544	Sandra santhosh	2						1		1.5	2	2	2	1	1	0.5			3	1.5				3	20	71.4	16.7	11.8	65	19.5
12536	Satheertha TS																									0.0	0.0	0.0	63	19
12728	Shahna.c.t	1		1.5	1.5				2	2	1					1.5			2	1.5	2	6		2.5	21	52.4	54.8	11.8	98	29.5
12747	Abhirami T																									0.0	0.0	0.0	88	26.5
12567	Agna Rose Raju	1		1.5		0.5			0.5		1			1			2	1		1		5.5		3.5	15	26.2	52.4	11.8	92	27.5
12525	Anagha A S																									0.0	0.0	0.0	95	28.5
12780	Angela S																									0.0	0.0	0.0	95	28.5
12737	Arathi KB							0.5						2	0.5	0.5	0.5								4	0.0	7.1	14.7	72	21.5
12689	AYISHA FARHEEN	0.5	1							1.5		2		1	2		2.5		1.5	2		4			22.5	33.3	47.6	5.9	92	27.5
12599	BLESSY BABU			1.5	1	1	1	1		1	2	2	2						3	2.5	1	1		2	21	73.8	16.7	17.6	77	23
12612	Jyothi.M S				1.5	2				1.5		1	1.5						1	2	4			4	18.5	71.4	7.1	11.8	75	22.5
12764	Lakshmi Thilakan																									0.0	0.0	0.0	0	0
12524	Luluva V.S	1.5		1						1.5	1	2	2		1	5			3	1	2			5	30	83.3	35.7	5.9	87	26
12540	NIYA C V																									0.0	0.0	0.0	93	28
12718	Sona Mariya	2	2	1	2	1.5	1.5	2	2	2	2	2	2	5	5	5		5	5	4.5	5			10	59.5	100.0	81.0	100.0	100	30

SACRED HEART COLLEGE FOR WOMEN

CHALAKUDY, THRISSUR, KERALA

AQAR 2020-21

DEPARTMENT OF HISTORY

CRITERION II - TEACHING-LEARNING AND EVALUATION

SUB CRITERION **- 2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution**

BA History- 2020-23 Batch - Semester I

Course category: Core Course I
Paper name: TRENDS IN HISTORIOGRAPHY (HIS1B01)
Batch : BA History Batch – 2020-23 Faculty Name : Libin Francis
Total strength of the class = 46

Course Outcomes(CO)	Methods of evaluating the attainment of CO.	Weightage in marks of questions in the Internal exam to assess the CO. Evaluation of Assignments, Seminars etc	Percentage of students attained the CO above 90 % level through different methods	Percentage of students attained the CO above 70 % level through different methods	Percentage of students attained the CO below 70 % level through different methods	Inference
Expose the basic understanding regarding the development of History as a discipline	Internal Exam	22 marks Question No-1, 13,15,19	55%	32%	13%	Basic understanding is attained by majority students.
	Assignment	10 students have done Assignments from this topic.	69 %	15%	16%	
	Seminar	13 students have done Seminars on this topic.	80%	20%	0%	
Familiarise the major trends in the arena of Historical Writing and Thought	Internal Exam	29 marks Question No- 2,3,4,5,6,9,10,14,20	48%	30%	22%	Students seem to struggle in this area due to difficulty in understanding the concepts.
	Assignment	14 students have done Seminars on this topic.	72%	17%	11%	

	Seminar	18 students have done Assignments from this topic.	71%	21%	8%	
Illustrate how the methodological and philosophical shifts have contributed for the development of History as a discipline.	Internal Exam	28 marks Question No- 7,8,11,12,16,17,18	46%	23%	31%	Difficult concepts. More efforts are needed to increase the level of outcome.
	Assignment	18 students have done Seminars on this topic.	61%	22%	17%	
	Seminar	18 students have done Assignments from this topic.	56%	22%	22%	

Parameters

If marks secured is above 80% - students attained the CO above 90 % level

If marks secured is above 60% - students attained the CO above 70 % level

If marks secured is below 60% - students attained the CO below 70 % level

Sacred Heart College for Women Chalakudy

BA HISTORY FIRST SEMESTER INTERNAL EXAMINATION , FEBRUARY 2021

SUBJECT : TRENDS IN HISTORIOGRAPHY

Time: 2 Hours Total Marks : 60

Section A. You can answer all questions. Each question carries 2 marks. Maximum mark is 20.
Write 50 words.

1. E H Carr.
2. Graeco-Roman historiography
3. Ballads
4. Substantialism
5. Isnad
6. *Muquddimah*
7. Empiricism
8. 'Historische Zeitschrift'
9. Cyclical history
10. Cicero
11. 'Religion of Humanity'
12. 'Berlin Revolution'

Section B. **You can answer all questions. Each question carries 5 marks. Maximum mark is**
20. Write 100 words.

13. How do you differentiate between past and history?
14. Compare between the historiographical methods of Ranke and Auguste Comte.
15. Trace the evolution of history from 'quasi-history' to 'history proper'.
16. Evaluate A.J Toynbee's approach towards history.
17. Describe the aspects of Cultural History as propounded by Jacob Burckhardt.

Section C. **Answer any two questions. Each question carries 10 marks. Write 300 words.**

18. Write a note on Karl Marx's approach to history.
19. Evaluate Vico's idea of history.20. Compare between Ibn Khaldun and St. Augustine in their approaches to history.

BA History- 2020-23 Batch - Semester II

Batch : BA History Batch – 2020-23
Course Category: Core Course II
Paper name: Trends in Indian Historiography: HIS2 B02   **Faculty Name : Libin Francis**
Total strength of the class = 45

Course Outcome:
- Get the basic understanding regarding the development of Historical consciousness in India.
- Provide a basic understanding regarding the major trends in the arena of Historical Writing and Thought in India.
- Expose the students to the major paradigms associated with the study of Indian History, which will help them to understand the Indian History Courses in the following semesters.

Course Outcomes(CO)	Methods of evaluating the attainment of CO.	Weightage in marks of questions in the Internal exam to assess the CO.	Percentage of students attained the CO above 90 % level through different methods	Percentage of students attained the CO above 70 % level through different methods	Percentage of students attained the CO below 70 % level through different methods	Inference
Understanding regarding the development of Historical consciousness in India.	Internal Exam	17 marks Question No-1,16,24	85 %	10 %	5%	Easy concepts. Students could learn these concepts more easily.
	Assignment	13 students	85%	15%	0%	
	Seminar	10 students	70%	20%	10%	
Understanding regarding the major trends in the arena of Historical Writing and Thought in India.	Internal Exam	43 marks Question No-2,3,4,17,18,19,10,20,21,27	80%	14%	6%	Easy concepts. Students could learn these concepts more easily.
	Assignment	15 students	73%	20%	7%	
	Seminar	14 students	79%	14%	7%	

Major paradigms associated with the study of Indian History	Internal Exam	44 marks Question No-5,6,7,8,9,11,12,13, 14,15,,22,23,25,26	64%	20%		Difficult concepts. More efforts are needed to increase the level of outcome.
	Assignment	17 students				
	Seminar	21 students				

Parameters

If marks secured is above 80% - students attained the CO above 90 % level

If marks secured is above 60% - students attained the CO above 70 % level

If marks secured is below 60% - students attained the CO below 70 % level

Sacred Heart College, Chalakudy
BA History Second Semester Second Internal Examination, September 2021
HIS2 B02 Trends In Indian Historiography

Time: 2½ hours　　　　　**Exam Date-15/09/2021**　　　　　**Maximum Marks: 80**

SECTION A (Short Answer Type) Each question carries 2 marks. Answer all questions.

1. Yuga and Mahayuga
2. Tripitaka
3. Prashastis
4. Kitab-al-Hind
5. Indology
6. Theory of Arian race.
7. Great Men Theory
8. Elamkulam Kunjan Pillai
9. Paradigm
10. Romila Thapar
11. Karl Wittfogel
12. 'Indian Feudalism'
13. Grassroot history
14. Antonio Gramsci
15. Partha Chatterjee

(Ceiling 25 Marks)

SECTION B – Each answer in 100 words. Each question carries 5 marks. Answer all questions.

16. Write a note on Jainist and Buddhist traditions in Indian Historiography.
17. Compare between historiographical traditions of Sultanate and Mughal period.
18. Write a note on Mangala kavya.
19. Evaluate the reasons why Rajatarangini is given so much importance as historical work.
20. How did nationalist historians opposed the ideas of colonial historians?
21. Evaluate Bipan Chandra's historiographical account.
22. Write a note on subaltern historiographical trend.
23. Analyse the perspectives of gender history.

(Ceiling 35 Marks)

SECTION C (Essay Type) Answer any two of the following questions. Each question carries 10 marks.

24. Write an essay on Itihasa-Purana traditions in ancient India.
25. Describe the aspects like Hydraulic Society, Oriental Despotism, Asiatic Mode production etc. which the colonial historians had used to criticise India's past.
26. Write a note on Marxist approach to historiography.
27. Evaluate Romila Thapar's approach to historical writings of the past.

(2x10=20)

2.6.2

BA History 2019 -2022

Course category: Core Course I

Paper name: Trends in Historiography (HIS1B01)

Batch:BAHistory -2019 -2022 Faculty Name : Meenu Jacob

Total Strength:40

Course Outcome

· Expose the basic understanding regarding the development of History as a discipline.

· The emphasis will be on the major trends in the arena of Historical Writing and Thought.

Illustrate how the methodological and philosophical shifts have contributed for the development

Course Outcomes (CO)	Methods of evaluating the attainment of CO	Weightage in marks of questions in the internal exams to assess the CO Evaluation of assignments, seminars	Percentage of students attained the CO above 90%level through	Percentage of students attained the CO above 70%level through different methods	Percentage of students attained the CO below 70%level through different methods	Inference

		different methods				
Expose the basic understanding regarding the development of History as a discipline	Internal Exam	23 marks, Question No.1,3,13,14,18,25	60%	30%	10%	Coceptual difficulties faced by the students
	Assignment	14 students have done assignment from this topic	75%	20%	5%	
	Seminar	15 students have done seminar from this topic	75%	20%	5%	
The emphasis will be on the major trends in the arena of Historical Writing and Thought.	Internal Exam	30 marks, Question No.15,12,11,2,5,24,23,22	65%	25%	10%	Basic understanding of the area achieved by the students
	Assignment	10 students have done assignment from this topic	75%	20%	5%	
	Seminar	12 students have done seminar from this topic	75%	20%	5%	

Illustrate how the methodological and philosophical shifts have contributed for the development of History as a discipline	Internal Exam	27 marks, Question no,17,21,2,4,6,7,8,10, 20	60%	25%	15%	Coceptual difficulties faced by the students
	Assignment	16 students have done assignment from this topic	75%	20%	5%	
	Seminar	13 students have done seminar from this topic	80%	15%	5%	

Parameters

If marks secured above 80%- students attained CO above 90%level

If marks secured above 60%- students attained CO above 70%level

If marks secured below 60%- students attained CO below 70%level

SACRED HEART COLLEGE CHALAKUDY

INTERNAL EXAMINATION,2019

Trends in Historiography (HIS1B01)

I B A. History   **Time: 2.5Hours**

Maximum Weightage:80

I   Answer the questions in two or three sentences. Each question carries 2 marks.ceiling 25.

1. Thucydides
2. Bacon
3. Spengler
4. Livy
5. Peloponnessian war
6. City of God
7. Vico
8. Partha Chatterji
9. Total history
10. Herodotus
11. Thucidides
12. Gender
13. Romila Thaper

14. Charitas
15. Karl Marx

II   Answer the questions in two or three sentences. Each question carries 2 marks.ceiling 35

16. Contributions of Herder

17. What is Berlin Revolution

18. Edward Gibbon

19. What is subaltern history

20. Ibn Khaldun

21. Write a brief note on Cartesianism

22. Merits of enlightenment historiography

23. Subaltern history

III Essay Questios – Answer any two, each carries 10 marks

24.   Discuss the limitations of ancient Indian historiography

25. Explain the limitations of Chinese historiography
26.   Evaluate the contributions of Marc Bloch
27.   What is Positivism? Highlight its significance

BA History 2019 -2022

Course category: Core Course II

Paper name: Trends in indian Historiography (HIS2B02)

Batch:BAHistory -2019 -2022 Faculty Name : Meenu Jacob

Total Strength:40

Course out come

- Get the basic understanding regarding the development of Historical consciousness in India.
- Provide a basic understanding regarding the major trends in the arena of Historical Writing and Thought in India.
- Expose the students to the major paradigms associated with the study of Indian History, which will help them to understand the Indian History Courses in the following semesters.

Course Outcomes (CO)	Methods of evaluating the attainment of CO	Weightage in marks of questions in the internal exams to assess the CO Evaluation of assignments, seminars	Percentage of students attained the CO above 90%level through different methods	Percentage of students attained the CO above 70%level through different methods	Percentage of students attained the CO below 70%level through different methods	Inference
Get the basic understanding regardingthe development of Historical consciousness in India	Internal Exam	20 marks, Question No.2,4,5,10,12,17,23	50%	30%	20%	Coceptual difficulties faced by the students
	Assignment	14 students have done assignment from this topic	65%	20%	15%	
	Seminar	15 students have done seminar from this topic	75%	20%	5%	
Provide a basic understandingregarding the major	Internal Exam	30 marks, Question No.1,3,22,16,24,6,7,9	55%	25%	20%	Coceptual difficulties faced by

trends in the arena of Historical Writing and Thought in India.	Assignment	10 students have done assignment from this topic	65%	20%	15%	the students
	Seminar	12 students have done seminar from this topic	75%	20%	5%	
Expose the students to the major paradigms associated with the study of Indian History, whichwill help them to understand the Indian History Courses in the following semesters	Internal Exam	30 marks, Question no,25,17,18,21,23	80%	15%	5%	Basic understanding of the area achieved by the students
	Assignment	16 students have done assignment from this topic	75%	20%	5%	
	Seminar	13 students have done seminar from this topic	85%	10%	5%	

Parameters

If marks secured above 80%- students attained CO above 90%level

If marks secured above 60%- students attained CO above 70%level

If marks secured below 60%- students attained CO below 70%level

SACRED HEART COLLEGE,CHALAKUDY

Trends in indian Historiography (HIS2B02)

IInd Internal Examination-February 2020

Max Credits:80   Time:2.5 hours

I   Answer the questions in two or three sentences. Each question carries 2 marks.ceiling 25.

1. Narratives   2. Bacon

3. Christopher Hill

4. E P Thompson

5. Enlightenment Modernity

6. Local history

7. Sumit Sarkar

8. Positivism

9. Berlin revolution

10. Oriental despotism

11. Hydraulic Society

12. Uma Chakravarthy

13.Environmental history

14.R S Sharma

15. Al biruni

II   **Answer the questions in two or three sentences. Each question carries 2 marks.ceiling 35**

16. Describe Carlyle

17. write a short note od DescartesDescartes

18. Write a note on contributions of Vico

19. Write a note on Budhidt tradition in writing history

20. Write a note on indology

21.Describe Asiatic mode of production

22. Describe Marxist approach n writing history

23. Sketch the hegalian concept of dialectis

24.Describe regional history

III Essay Questios – Answer any two, each carries 10 marks

25. Write an essay on West asian historiography

26. Write an essay on Indian historiography

27. Roman Historiography

28. Write an essay on Cambridge school of historical writing

BA History 2019 -2022

Course category: Core Course I

Paper name: WORLD HISTORY – 1, State, Society and Civilisation in the Ancient World

Batch:BAHistory -2019 -2022 Faculty Name : Meenu Jacob

Total Strength:40

Course Outcome

To know a general time line and outline of ancient civilizations, including key events and cultural achievements of different ancient civilizations

·   The course provides an overview of early cultures and meetings between cultures and similar trends across cultures Compares and contrasts past with current events, issues and problems

·   Ability to recognize the multiple spatial and temporal contexts and to look at one's own society and civilization in contrast to other societies and civilizations.

Ability to recognize the influence of global forces and identify their connections to local and national developments.outcome

Course Outcomes (CO)	Methods of evaluating the attainment of CO	Weightage in marks of questions in the internal exams to assess the CO Evaluation of assignments, seminars	Percentage of students attained the CO above 90%level through different methods	Percentage of students attained the CO above 70%level through different methods	Percentage of students attained the CO below 70%level through different methods	Inference
To know a general time line and outline of ancient civilisations, including key events and cultural achievements of different ancient civilisatiojs	Internal Exam	20 marks, Question No.27,2,3,4,10,15	40%	30%	30%	Coceptual difficulties faced by the students
	Assignment	10 students have done assignment from this topic	75%	20%	5%	
	Seminar	12 students have done seminar from this topic	70%	20%	10%	

The course provides an overview of early cultures and meetings between cultures and similar trends across cultures	Internal Exam	20 marks, Question No.26, 17,18	45%	25%	30%	Coceptual difficulties faced by the students
	Assignment	10 students have done assignment from this topic	55%	20%	25%	
	Seminar	12 students have done seminar from this topic	80%	10%	10%	
Compares and contrasts past with current events,	Internal Exam	15 marks, Question no,16,19,20	80%	15%	5%	Basic understanding of the area achieved by the students
	Assignment	10 students have done	75%	20%	5%	

issues and problems		assignment from this topic				
	Seminar	13 students have done seminar from this topic	80%	10%	10%	
Ability to recognise the multiple spatial and temporal contexts and to look at one's own society and civilisation in contrast to other societies and civilisations	Internal Exam	10% marks, Question No,21,22	75%	20%	5%	Basic understanding of the area achieved by the students
	Assignment	5 students have done assignment from this topic	85%	10%	5%	
	Seminar	10 students have done assignment from this topic	85%	10%	5%	

Ability to recognise the influence of global forces and identify their connections to local and national developments	Internal Exam	15% marks, Question No, 23,1,5,6,7,8	80%	15%	5%	Basic understanding of the area achieved by the students
	Assignment	5 students have done assignment from this topic	80%	15%	5%	
	Seminar	5 students have done assignment from this topic	85%	10%	5%	

Parameters

If marks secured above 80%- students attained CO above 90%level

If marks secured above 60%- students attained CO above 70%level

If marks secured below 60%- students attained CO below 70%level

SACRED HEART COLLEGE, CHALAKUDY

SECOND INTERNAL EXAMINATION-2020

HIS3BO3 – WORLD HISTORY – 1, State, Society and Civilisation in the Ancient World

Time:2.5hrs   **Marks: 80**

I   Answer the questions in two or three sentences. Each question carries 2 marks.ceiling 25.

1.   Tweleve tables

2.   Memphis

3.   Palaeolithic age

4.   Plebians

5.   Features of Hellenistic philosophy

6. Slave system in Roman empire

7. Trace the growth of Athenian democracy

8. Examine the development of writing system in ancient Egypt

9. Pyramids

10. Mesolithic age

11. Contributions of Plato

12. Pax Romana

13. Chattelperonian culture

14. Socratese

15. Plato

II   Answer the questions in two or three sentences. Each question carries 2 marks.ceiling 35

16. Explain the Sumerian system of writing

17. Explain the features of Urban revolution

18. Write a short note on Philosophical contributions ancient Greece

19. Bring out the significance Religion of Sumeria

20. Mention the Imperial contacts of the Roman Empire

21. Explain Silk routes

22. Write a note on Assyrian civilisation

23. Write a note on Bronze age civilisation

III Essay Questios – Answer any two, each carries 10 marks

24.   Explain Mesopotamian civilisation

25.   Write an essay on Neolithic revolution

26.   Explain the features of city states

27.   Explain the literary contributions of Sumerians

 2.6.2

BA History 2019 -2022

Course category: Core Course I

Paper name HIS3 B04 INDIAN HISTORY-1

Batch:BAHistory -2019 -2022 Faculty Name : SMINA.M.B

Total Strength:40

Course Outcome :

- To provide a broad historic outline about the process of socio-political formations in the north and south India up to 1300 CE. F

- The course provide four main process of the socio-political formations; the emergence of the first urbanization in the north western part of early India during bronze age, the socio-political formations of IndoGangetic plains in the Iron Age, the emergence of an empire under Mauryas in the north and Muvendars in the South and the formation of feudal cultures in the north and south

Course Outcomes (CO)	Methods of evaluating the attainment of CO	Weightage in marks of questions in the internal exams to assess the CO Evaluation of assignments, seminars	Percentage of students attained the CO above 90%level through different methods	Percentage of students attained the CO above 70%level through different methods	Percentage of students attained the CO below 70%level through different methods	Inference
To provide a broad historic outline about the	Internal Exam	23 marks, Question No.1,3,13,14,18,25	60%	30%	10%	Coceptual difficulties faced by the students

process of socio-political formations in the north and south India up to 1300 CE. F	Assignment	14 students have done assignment from this topic	75%	20%	5%	
	Seminar	15 students have done seminar from this topic	75%	20%	5%	
The course provide four main process of the socio-political formations; the emergence of the first urbanization in the	Internal Exam	30 marks, Question No.15,12,11,2,5,24,23,22	65%	25%	10%	Basic understanding of the area achieved by the students
	Assignment	10 students have done assignment from this topic	75%	20%	5%	

north western part of early India during bronze age western part of early	Seminar	12 students have done seminar from this topic	75%	20%	5%	
India during bronze age, the socio-political formations of IndoGangetic plains in the Iron Age, the emergence of an empire under Mauryas in the	Internal Exam	27 marks, Question no,17,21,2,4,6,7,8,10,20	60%	25%	15%	Coceptual difficulties faced by the students
	Assignment	16 students have done assignment from this topic	75%	20%	5%	

north and Muvendars in the South and the formation of feudal cultures in the north and south	Seminar	13 students have done seminar from this topic	80%	15%	5%	

Parameters

If marks secured above 80%- students attained CO above 90%level

If marks secured above 60%- students attained CO above 70%level

If marks secured below 60%- students attained CO below 70%level

SACRED HEART COLLEGE CHALAKUDY

INTERNAL EXAMINATION,2019

HIS3 B04 Indian History-1

Time: 2 ½ Hours   **Maximum: 80marks**

SECTION A (Short Answer Type)

Answer the questions in two or three sentence Each question carries 2 marks

1. Sir John Marshall

2. Daya Ram Sahni

3. Mound of dead

4. Great Bath

5. Mahajanapadas

6. Oligarchies

7. Tirthankars

8. Tripitaks of Buddhism

9. Tinai

10. Arikamedu

11. P G W

12. Sapthanga theory of state

13. **Indica**

14. **Conquest of Kalinga**

15. **Girnar Rock Edict (Ceiling 25 Marks)**

SECTION B (Paragraph Type)

Answer the questions in 100 words Each question carries 5 marks

16. **Write a short note on Pre- Harappan culture**

17. **Write a short note on Asko Parpola**

18. **Explain the nature of Asoka dharma**

19 **Give a brief sketch on the nature of Muvender polity**

20. **Write a short note on Indo-Roman trade**

21. **Give an account of temple based Bhakti traditions of Alwars in south India**

22. **Write a short note on Megasthenees Indicia**

23. **Mark the following Harapan sites in the outline map provided**

Lothal, Dholavira, Kalibangan, Harappa, Mohenjodaro
(Ceiling 35 Marks)

SECTION C (Essay Type)

Answer any two of the following questions Each question carries 10 marks

24. **Examine the debate on the decline of the Indus valley civilization**

25. Briefly discuss the socio-economic life in the later Vedic period

26. Analyze the geographical structure of early Tamizhakam on the basis of Tinai concept

27. Examine views of R.S Sharma and Herbans Mukhia on Indian feudalism

BA History 2019 -2022

Course category: Core Course V

Paper name: World History -2, Medieval World: State and Society

Batch:BAHistory -2019 -2022 Faculty Name : Meenu Jacob

Total Strength:40

Course Outcome :

- The course is prepared to create knowledge on medieval world through which students could able to understand different state systems, its socio- cultural contributions and its impact on later society.
- Along with a study on medieval European state and society, it focuses on the sociopolitical and economic currents of medieval Central Asia, West Asia and East Asia
- The course would provide an understanding on scientific and intellectual interactions that taken place between the East and the West in the medieval period

Course Outcomes (CO)	Methods of evaluating the attainment of CO	Weightage in marks of questions in the internal exams to assess the CO Evaluation of assignments, seminars	Percentage of students attained the CO above 90%level through different methods	Percentage of students attained the CO above 70%level through different methods	Percentage of students attained the CO below 70%level through different methods	Inference
To create knowledge on medieval world through which students could able to understand different state system	Internal Exam	20 marks, Question No.1,10,12,12,15,16,17	70%	25%	5%	Basic understanding of the area achieved by the students
	Assignment	15 students have done assignment from this topic	75%	20%	5%	
	Seminar	12 students have done seminar from this topic	80%	15%	5%	

Focuses on the socio political and economic currents of medieval central Asia, West Asia and East Asia	Internal Exam	20 marks, Question No.2,3,4,5,6,18,19	50%	25%	25%	Coceptual difficulties faced by the students
	Assignment	15 students have done assignment from this topic	60%	25%	15%	
	Seminar	12 students have done seminar from this topic	80%	10%	10%	
Understand the scientific and intellectual interactionsthat taken place between East and West	Internal Exam	40 marks, Question no,20,21,22,23,25,26	85%	10%	5%	Basic understanding of the area achieved by the students
	Assignment	10 students have done assignment from this topic	75%	20%	5%	

	Seminar	16 students have done seminar from this topic	85%	5%	10%	

Parameters

If marks secured above 80%- students attained CO above 90%level

If marks secured above 60%- students attained CO above 70%level

If marks secured below 60%- students attained CO below 70%level

SACRED HEART COLLEGE, CHALAKUDY

World History -2, Medieval World: State and Society

IInd Internal Examination- HIS4 B05- 2021

Max Credits:80

Time:2.5 hours

SECTION A

Answer the questions in two or three sentences. Each question carries 2 marks.ceiling 25.

1. Caliphate

2.Papacy

3.Serfdom

4.Sufi order

5.Monasticism

6.Advaitha Vedanta

7.Nyaya Philosophy

8.Samkhya philosophy

9.Purva Mimamsa

10. Crusades

11.Goths

12.Feudalism

13.Saffavids

14.Cheng ho

15.Serfdom

SECTION   B

Answer the questions in two or three sentences. Each question carries 2 marks.ceiling

16.write a short note on the agrarian order of the medieval period

17.South Indian Bakthi tradition

18.North Indian Bakthi tradition

19.Indian astronomy

20.write an essay on the development of science in China

21.Subinfeudation

22.Explain the political structures of new empires in the west and east

23.Spread of Christianity

Section C

Essay Questios – Answer any two, each carries 10 marks

24. Write an essay on European feudalism

25. Write an essay on six systems of Indian philosophy

26.Explain the development of Mathematics in India during the medieval period

2.6.2

BA History 2019 -2022

Course category: Core Course I

Paper name HIS4B06 INDIAN HISTORY-2

Batch:BAHistory -2019 -2022 Faculty Name : SMINA.M.B

Total Strength:40

Coursr Out Come :

- The course is framed to explicate the nature of state and society in Medieval India
- It familiarizes the students with process of state formation; economic pattern of medieval India along with the social and cultural developments of the period
- . It explains the process of medieval trade related to Arabian Sea and Indian Ocean. Students could able to understand changing pattern of agrarian system in medieval India
- A new phase in Indian History began with the advent of the Arabs in Sindh in A.D.712.
- The Arabs brought a new religion, a new culture and civilization to the Indian Sub-Continent.
- The new form of religious ideas, culture, fine arts etc. have lasting impact on India

Course Outcomes (CO)	Methods of evaluating the attainment of CO	Weightage in marks of questions in the internal exams to assess the CO Evaluation of assignments, seminars	Percentage of students attained the CO above 90%level through different methods	Percentage of students attained the CO above 70%level through different methods	Percentage of students attained the CO below 70%level through different methods	Inference

The course is framed to explicate the nature of state and society in Medieval India	Internal Exam	20 marks, Question No.1,10,12,12,15,16,17	70%	25%	5%	Basic understanding of the area achieved by the students
	Assignment	15 students have done assignment from this topic	75%	20%	5%	
	Seminar	12 students have done seminar from this topic	80%	15%	5%	
It familiarizes the students with process of state formation; economic pattern of medieval India along with the social and cultural developme	Internal Exam	20 marks, Question No.2,3,4,5,6,18,19	50%	25%	25%	Coceptual difficulties faced by the students
	Assignment	15 students have done assignment from this topic	60%	25%	15%	
	Seminar	12 students have done seminar from this topic	80%	10%	10%	

nts of the period						
It explains the process of medieval trade related to Arabian Sea and Indian Ocean. Students could able to understand changing pattern of agrarian system in medieval India	Internal Exam	20 marks, Question no,20,21,22,23,25,26	85%	10%	5%	Basic understanding of the area achieved by the students
	Assignment	10 students have done assignment from this topic	75%	20%	5%	
	Seminar	16 students have done seminar from this topic	85%	5%	10%	
A new phase in Indian History began with the advent of the	Internal Exam	20 marks, Question no,27,28,29,30,31	85%	10%	5%	Basic understanding of the area achieved

| Arabs in Sindh in A.D.712.

The Arabs brought a new religion, a new culture and civilization to the Indian Sub-Continent.

The new form of religious ideas, culture, fine arts etc. have lasting impact on India	Assignment	10 students have done assignment from this topic	75%	20%	5%	by the students
	Seminar	16 students have done seminar from this topic	85%	5%	10%	Easy concepts. Students could learn these concepts more easily.
						.

Parameters

If marks secured above 80%- students attained CO above 90%level

If marks secured above 60%- students attained CO above 70%level

If marks secured below 60%- students attained CO below 70%level

SACRED HEART COLLEGE CHALAKUDY

INTERNAL EXAMINATION,2019

Fourth Semester B A Degree Examination (CBCSS-UG)

HIS4 B06 Indian History 2

Time: 2 ½ Hours   **Maximum: 80marks**

SECTION A (Short Answer Type)

Answer the questions in two or three sentence Each question carries 2 marks

1. Ahoms

2. zabti

3. Qazi

4. Bhatinda Fort

5. Sutana Raziya

6. Pritviraj Chauhan

7. Kabir Das

8. AdiGrantha

9. Din-I Lahi

10. Muqti

11. Silsilas

12. Babarnama

13. AbulFazl

14. Chahalgani

15. Sher Shah   (Ceiling 25 Marks)

Section B (Paragraph Type)

Answer the questions in100 words Each question carries 5 marks

16. Give an account of trade and commerce in Mugal India with special reference on Indian Ocean trade. 17. Evaluate the contributions of Gulbadam Begam to the Medieval Indian Historiography.

18. Examine the salient features of Indo- Islamic Art and Architecture.

19. Explain the Science and technology in Mughal India

20. Give an account on administrative reforms of Muhammad Bin Thuglaq

21. Analyze the economic reforms under the Mughals.

22. Explain the functions of Ashtapradhan under Maratas ? Write a short note on its features.

23. Mark the following medieval sites in the outline map provided.

a) Lahore, b) Daulatabad, c) Humpi, d) Kanauj, e) Jaunpur

(Ceiling 35 Marks)

Section C (Essay Type)

Answer any two of the following questions Each question carries 10 marks (2 out of 4)

24. Explain the Bhakti tradition during the medieval period.

25. Define Indian Feudal model and its critic.

26. Critically evaluate Akbar's administration and his Rajput policy.

27. Give an account of the polity and cultural contribution of the Vijayanagara kingdom.

(2x10=20 Marks)

HIS2B02 - Trends in Indian Historiography

Section A - (Short Answer Type) Each question carries 2 marks. Answer all questions.

SECTION B – Each answer in 100 words. Each question carries 5 marks. Answer all questions.

SECTION C (Essay Type) Answer any two of the following questions. Each question carries 10 marks.

Section C: 24-CO1, 25-CO3, 26-CO3, 27-CO2

Register No	Name	Total Marks	Percentage of marks in CO1	Percentage of marks in CO2	Percentage of marks in CO3	Remarks
12790	Adhila Banu					
12606	Aiswarya Babu	57	46/17	44/33	38/40	
12654	Amrutha k.u	19	72/17	82/33	3/40	
12638	Anila Anilkumar	13	92/17	2/33	54/40	
12740	Archana TS					
12519	Ashida Baiju	58	13/17	20/33	24/40	
12735	Aswathy MR	26	8/17	6/33	10/40	
12539	BabyRani Prattipati					
12642	Chinju Pc	28	11/17	10/33	18/43	
12766	Devikrishna k. S					
12518	Disna davis					
12529	Gayathry N J	41	65/7	44/33	19/40	
12573	Hanna mary					
12517	Jisa paul	51	15/17	29/43	9/30	
12666	Jemol m.j					
12543	KA sanila	22	7/17	44/33	18/40	
12626	Khadeeja Sanha. C					
12516	M.A. Fathima Jasra	65	51/7	25/43	34/40	
12659	Merin paul	25	84/17	12/43	5/30	
12631	Meenu Renny	23	34/19	7/43	12/40	
12542	Megha Benny	16	13/7	84/43	6/40	
12596	Naja c.p	40	13/17	20/43	5/30	
12592	Nandana TN	40	13/17	17/43	9/30	
12791	Praveena M B					
12609	Praveena.k	39	10/17	13/33	14/40	
12784	Rajalakshmi V A	19	11/17	5/33	2/40	
12502	Rathika Ramesan	33	24/17	14/33	16/40	
12513	Ramya P B					
12587	Reshma K S	48	11/17	15/33	23/40	
12665	Revathy P R	40	12/17		15/40	
12620	Sabaha basheer	31	0/7	14/43	18/40	
12533	Seethal M S	54	2/7	29/43	23/40	
12678	Shafna jasmin p	37	0/17	12/33	24/50	
12679	Shifna Shireen KP					
12523	Smitha Antony	41	4/7	22/33	18/50	
12753	Sneha Babu					
12733	Sneha k ramesh	29	11/17	8/33	10/40	
12586	Sreelakshmi k	10	1/7	6/33	3/40	
12741	Thahira k.r	40	13/17	10/45	15/40	
12682	Thankeswari vp	28	8/17	38/33	5/40	
12680	Vandana E.v					
12660	Varsha N.S	11	0/17	6/33	5/40	
12501	Vijisha v v					

medieval world

Register Q.No	Name	1 (co1)	2 (co2)	3 (co2)	4 (co2)	5 (co2)	6 (co2)	7 (co2)	8 (co2)	9 (co1)	10 (co2)	11 (co1)	12 (co3)	13 (co2)	14 (co1)	15	16 (co1)	17 (co1)	18 (co2)	19 (co2)	20 (cq3)	21 (cq3)	22 (co3)	23 (cq3)	C (co)	C (co)	Total Marks	% CO1	% CO2	% CO3	Remarks
1	Dponya	2	1		2	2	2		2			2	2	2	2		5	4	1	5	5	2			10	10	62	14/18	17/26	26/34	
2	Ashitha	1	1	2	2	2		1		1		1					2	3	5		4	1			10	2	42	18/18	19/26	5/34	
3	Athulya	2	2	1	1	2	2										2	3	5		4				8	8	40	14/18	21/26	4/34	
4	Krishna	1	1	1	1	1	2		3								2	3	3						10	2	32	20/18	12/26	0/34	
5	Pilli Ravi	2	2	2	2	2	2	2	2	2	2		1	2			2	3	5	5	4	1	2		10	8	108	8/18	26/26	14/34	
6	Sujitha	2		2		1	1		2		1	1	2				5		5	5					10	10	52	15/18	19/26	12/34	
7	Aleena	2		1	1	1		2		2	2	2	2					5	5		2	4			8	8	52	14/18	20/26	16/34	
8	Alana N		2	1	3		1	2	2	2	2	1					2	3	2	3		5			10	10	50	17/18	17/26	15/34	
9	Brighty	1	1		1	2		2		2	2	1		2	2			4	6		2	4			8	8	52	13/18	19/26	16/34	
10	Arya	2	2	2	2	2	2	2	2	2	2		2	2			5	5	4	4	5		3		10	8	68	13/18	23/26	20/34	
11	Aiyang	2	1	1	2	2	1	1	1								5		5	5	5	5	3	5	10	10	60	15/16	17/26	20/34	
12	Anya	2		2		2	1	1	1								1		1	1	4	1				8	28	12/18	10/26	6/34	
13	Anna		2	1	3	2	1										1	5	2	5					10	8	40	17/16	21/26	1/34	
14	Arunima	2					2	3	1	1	1	2	4	4	2							4			8	8	42	14/18	13/26	15/34	
15	Asha	1		2	1	1	2	1	2									2	3	5					10	4	34	11/18	19/26	4/34	
16	Ashna	1	1		1	3	4	2				1	1				2	3	4				1		5	5	30	11/18	16/26	7/34	
17	Feena	2	2	2	2	2	1	1	2								1	4	2	3	1	5	8	4	44	10/18	17/26	11/34	
18	Greethu	2	2	1	1	1	1	2									2	3	2	1		1	1		4	4	28	11/18	15/26	2/34	
19	Henna	2	1	1	1	1	2	2									2		2		2	2	10	4	32	14/18	14/26	4/34	
20	Jeeva	2			1	1		1	1	4	2	1					2	3			4	1	6	4	30	15/18	11/26	5/34	
21	Krishna		2		2	2	2			2	2							4		4	10	4	32	13/18	16/26	6/34	
22	Lakshmi	2	2	2		2		2									5		3	2	4	4	28	7/18	15/26	2/34	
23	Melvi	2			2	2	2	2	1	4	4	2					5		5	5	10	10	52	16/18	22/26	12/34	
24	Naima	1	1	1	4	1	1		2								5	2	3	2	8	6	36	17/18	20/26	2/34	
25	Nivya	2	2	2	1	1	4	2	1								5	3	2	4	1	6	2	38	17/18	16/26	5/34	
26	Roshna	2	1	1	2	1	1	1									4	4	2	1	3	4	28	8/18	16/26	3/34	
27	Sandra	2	1	1	2	1	2										2	3	4	1	2	10	8	40	17/18	21/26	2/34	
28	Greye	1			1	1	1	1	2	2	3	5	2	2	4	4	28	12/18	11/26	7/34	
29	Smithu			1	1	2	2	2	1	2	5	4	4	4	28	9/16	15/26	8/34	
30	Sona	1	1	1	2	2	1	1	1	3	5	2	10	2	32	15/16	15/26	2/34	
31	Sreekuth	2	2	2	1	1	1	1	5	5	10	4	34	12/16	13/26	10/34	
32	Surya	2	2	1	2	1	2	2	1	1	3	5	4	2	4	36	5/16	21/26	7/34	
33	Surya K	2	2	4	4	1	1	2	4	4	2	1	3	4	28	5/18	17/26	7/34	
34	Varsha	1	1	1	1	2	2	2	2	1	2	2	5	2	3	4	1	10	10	52	17/16	23/26	11/34	
35	Nayana	2	2	1	2	3	5	5	10	6	36	14/18	11/26	10/34	
36	Niya	2	2	1	1	4	4	5	2	3	4	5	8	38	17/18	17/26	4/34	

SECTION C (Essay Type) Answer any two of the following questions. Each question carries 10 marks.

Section A- (Short Answer Type) Each question carries 2 marks. Answer all questions.

SECTION B – Each answer in 100 words. Each question carries 5 marks. Answer all questions.

Regist Q.No.→	Name	Section A (Short Answer Type) Each question carries 2 marks. Answer all questions																						SECTION B – Each answer in 100 words. Each question carries 5 marks. Answer all questions				SECTION C (Essay Type) Answer any two of the following question carries 10 marks	Total Marks	Percentage of marks in CO1	Percentage of marks in CO2	Percentage of marks in CO3	Remarks	CO4	CO5
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23									
1	Arshya																																	
2	Geetha																																	
3	Athulya																																	
4	Krishnendu																																	
5	Pithaz																																	
6	Sruthi																																	
7	Alana																																	
8	Anagha																																	
9	Anagha																																	
10	Anjali																																	
11	Anjana																																	
12	Ardra																																	
13	Anna																																	
14	Aryanna																																	
15	Asha																																	
16	Freeya																																	
17	Ashna																																	
18	Greeshma																																	
19	Henna																																	
20	Jeeva																																	
21	Rishma																																	
22	Lakshmi																																	
23	Melvi																																	
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26	Misneen																																	
27	Nivitha																																	
28	Roshni																																	
29	K.R. Rohini																																	
30	Sandra																																	
31	Sreela																																	
32	Smrithi																																	
33	Sona																																	
34	Sreekutty																																	
35	Surya																																	
36	Sneha K																																	
37	Varsha																																	