

SHRI R. L. T. COLLEGE OF SCIENCE, AKOLA
PROPOSED ACADEMIC CALENDER 2021-2022

CHART -A
(SESSIONS)

S. No.	Session	From	To	Total Days
01	First	Mon. 30.08.2021	Sat. 15.01.2022	105
02	Second	Mon. 17.01.2022	Tue. 31.05.2022	109

CHART-B
(VACATIONS)

S.No.	Vacations	From	To	Total Days
01	Winter	Mon. 01.11.2021	Sat. 06.11.2021	06
02	Summer	Wed. 01.06.2022	Thur. 30.06.2022	26
			Total	32

CHART-C
(PUBLIC HOLIDAYS)

S.No.	Festival	Day and Date
01	Ganesh Chaturthi	Fri. 10.09.2021
02	Gouri Pujan	Mon. 13.09.2021
03	Gandhi Jayanti	Sat. 02.10.2021
04	Sarvapitru Amavasya	Wed. 06.10.2021
05	Dasara	Fri. 15.10.2021
06	Id-E-Milad	Tue. 19.10.2021
07	Gurumank Jayanti	Fri. 19.11.2021
08	Christmas	Sat. 25.12.2021
09	Makarsankrati	Fri. 14.01.2022
10	Republic Day	Wed. 26.01.2022
11	Shivaji Maharaj Jayanti	Sat. 19.02.2022
12	Mahashiv Ratri	Tue. 01.03.2022
13	Holi (Second Day)	Fri. 18.03.2022
14	Gudhi Padwa	Sat. 02.04.2022
15	Dr. Babasaheb Ambedkar Jayanti / Mahavir Jayanti	Thur. 14.04.2022
16	Good Friday	Fri. 15.04.2022
17	Ramzan Id (Id-Ul-Fitar)	Tue. 03.05.2022
18	Buddha Pournima	Mon. 16.05.2022
	Total	18

CHART - D
(SUNDAYS DURING TWO SESSIONS)

S. No.	Session	From	To	Total Sundays
01	First	Mon. 10.06.2019	Wed. 23.10.2019	20
02	Second	Thur. 21.11.2019	Sat. 25.04.2020	19
			Total	39

CHART-E
(DAYS TO BE UTILIZED FOR ADMISSION/EXAMINATION/
NON INSTRUCTIONAL DAYS)

S. No.	Session	Admission/Examination/ Non instructional days	Net
01	First	Admission Process	18
02	First	Unit test Examination	10
03	First	Odd Semester University Examination	19
04	Second	Unit test Examination	10
05	Second	Even Semester University Examination	30
		Total	87

$$\begin{aligned} \text{Total Number of Teaching Days} &= 364 - (B+C+D+E) \\ &= 364 - (32+18+39+87) \\ &= 188 \end{aligned}$$

$$\begin{aligned} \text{As per SGBAU Academic Calender Teaching Days allotted for the session 2021-22} \\ &= 173 \end{aligned}$$

Dr. P.R. Kawle
Chairman
Academic Calendar Committee

LIST OF PROPOSED ACADEMIC AND CULTURAL PROGRAMMES
TO BE HELD BY THE COLLEGE DURING 2021-22

S. No.	Date	Details of Programme
1	30-08-21	Opening of the College
2	04-09-21	Staff Council Meeting
3	05-09-21	Teachers Day celebration
4	08-09-21	Literacy Day
5	20-09-21	Time table of degree college (B.Sc.-II, III, Sem-III, V) (Theory)
6	24-09-21	N. S. S. Foundation Day Programme
7	04-10-21	Time table for B.Sc.-II, III, Sem-III, V (Theory & Practical)
8	11-10-21	Time table for B.Sc.-I, II, III, and M.Sc. (Theory & Practical)
9	02-10-21	Mahatma Gandhi and Lal Bahadur Shastri Jayanti
10	01-11-21 to 06-11-21	Winter vacations
11	22-11-21 to 27-11-21	Seminars to be arranged
12	1-7-12-21	AIDS Awareness Programme
13	06-12-21	Dr. Babasaheb Ambedkar Mahaparinirvan Din
14	20-12-21	Sant Gadge Baba Death Anniversary
15	21-12-21	Class/ Unit Test
16	24-12-21 Friday	Blood Donation and Prize Distribution Programme Late. Principal M. G. Joshi Memorial Day
17	31-12-21	Date of Submission of Achievements of Students, Staff & Non Teaching Staff of College 27-01-19 to 31-12-20
18	Dec-Jan 21	NSS Residential Camp
19	14-01-22 Friday	Foundation Day of B. G. E. Society, Akola
20	17-01-22	Opening of the College
21	26-01-22 Wednesday	Republic Day Celebration and Prize Distribution for the achievement of students, teachers and Non teaching staff
22	19-02-22	Shivaji Maharaj Jayanti
23	28-02-22	National Science Day
24	14-04-22	Chauda Tas Abhyas Vikasacha Dhyas Bharatratna Dr. Babasaheb Ambedkar Jayanti
24	20-04-22	Date of Submission of Annual Assessments for PBAS
25	20-04-22	Staff Council Meeting

26	02-05-22 to 07-05-22	Class/ Unit Test
27	23-05-22 to 28-05-22	Seminars to be arranged
28	30-05-22	Submission of Committee Report

Salant

Principal
Shri R.L.T. College of Science
Civil Lines, AKOLA (M.S.)

P.R. Kawle

Dr. P.R. Kawle
Chairman
Academic Calendar Committee




ANNUAL PLAN

Session : 2021-22 (W-21) Class : B.Sc-III (Sem-V)
 Subject : physics (55) [Q.M, N.P, Etc.] Paper / Unit : 1, 2, 3, 4, 5 & 6
 Approximate number of theory periods required : Six per week
 Approximate number of practical periods required : Eight per week

S.No.	Unit & Method	Required Lectures	Duration	
			From	To
1)	Unit-I: origin of Q.M.	16	SEPTEMBER OCTOBER NOVEMBER DECEMBER JANUARY	FEBRUARY
2)	Unit-II: Application of Schrodinger eqn & its Application	16		
3)	Unit-III: Atomic & molecular physics	16		
4)	Unit-IV: Nuclear physics	16		
5)	Unit-V: Hybrid parameter & classification in amplifier	16		
6)	Unit-VI: Feedback in amp. & oscillator.	16		
7)	physics practical pertaining & its demonstration.	18 per week		




 HEAD OF THE
 PHYSICS DEPARTMENT
 R.L.T. College of Science
 Akola

ANNUAL PLAN

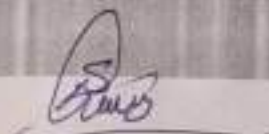
Session : 2021-22 (S-22) Class : B.Sc. - III (Sem-VI)

Subject : Statistical mechanics & SP Paper / Unit : Statistical

Approximate number of theory periods required : Mechanics - e

Approximate number of practical periods required : Solid state physics
Unit - 1, 3, 4, 5, 2nd half

S.No.	Unit & Method	Required Lectures	Duration	
			From	To
1)	Statistical mechanics (Maxwell Boltzmann Statistics) [unit-I]	16	F E B R U A R Y	M A Y
2)	Unit-III : Crystallography	16		
3)	Unit-IV : Electrical Properties of materials	16		
4)	Unit-V : Magnetic Properties of materials	16		
5)	Unit-II : (Half portion covered) Bose-Einstein & Fermi-Dirac Statistics	16 09		



Shri R. L. T. College of Science, Akola

Class Test Time Table (Online/offline)

B.Sc.-I, II and III years (Semester-I, III and V)

Session: 2021-22

Class/Date & Time	B.Sc.-I	B.Sc.-II	B.Sc.-III
	11.30 am to 12:30 pm	1:30 pm to 2:30 pm	3:30 pm to 4:30 pm
Monday 27/12/2021	English (11.30 am to 12:30 pm) Marathi/Hindi (Time: 1:30 pm to 2:30 pm)
Tuesday 28/12/2021	Physics Zoology	Physics Zoology	Physics Zoology
Wednesday 29/12/2021	Mathematics Botany	Mathematics Botany	Mathematics Botany
Thursday 30/12/2021	Electronics Microbiology	Electronics Microbiology	Electronics Microbiology
Friday 31/12/2021	Chemistry Computer Sci./I.T.	Chemistry Computer Sci./I.T.	Chemistry Computer Sci./I.T.
Saturday 01/01/2022	Bio-Informatics Bio-Chemistry	Bio-Informatics Bio-Chemistry	Bio-Informatics Bio-Chemistry

Important Instructions:

1. This is the college level exam and will be conducted online/offline mode.
2. The online exam will be MCQ's based. There will be 40 MCQs questions, students have to be solve any 30 questions and each question carry 1 mark.
3. Student should contact their subject teacher for the syllabus of the exam and other details.
4. The online exam will be conducted through Google Forms. The students who do not have mobile phone or internet connectivity, they will appear for offline exam in the college as per above mention schedule.
5. The exam links will be provided by Subject Teachers/ Guardian Teacher/ Examination Committee on created Google Class Room/ What's app Groups. The offline exam will be conducted by subject teachers at departmental level.
6. The exam will be conducted as per the guideline issued by S.G.B. Amravati University and Government of Maharashtra about COVID-19.

Examination Committee

1. Dr. S. M. Nagrale
2. Shri S. R. Jaiswal

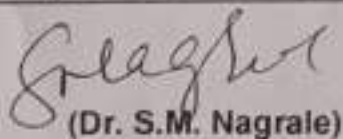
Dr. V. D. Nanoty
Principal

SHRI R.L.T.COLLEGE OF SCIENCE, AKOLA
CLASS TEST EXAMINATION: APRIL-2022

1. The class tests are being conducted for each subject from **Monday, 18/04/2022** to **Saturday 23/04/2022**.
2. The total no. of marks for each subject of **B.Sc. I, II and III will be 30 marks**
3. The courses to be prescribed for class tests, the setting of question papers, distribution of question papers at the time of examination and the conduction of examination according to the given schedule will be the responsibility of Head of Department of each subject.
4. Head of Department of each subject will also collect the mark list from concerned teachers and submit the consolidated mark list up to **Monday, 02/05/2022** to the Incharge, Exam Committee, Dr S. M. Nagrale , Department of Zoology.
5. The manuscript of the question papers to be submitted to the Principal on or before day 13/04/2022

TIME TABLE

DATE	SUB	CLASS	TIME
Monday 18/4/2022	ENG	B.Sc. I	12.00 pm to 1.30 pm
	MARATHI/HINDI		2.30 pm to 4.00 pm
Tuesday 19/4/2022	CHEM	B.Sc. I	12.00 pm to 1.30 pm
		B.Sc.II & III	2.30 pm to 4.00 pm
Wednesday 20/4/2022	ELE/MICRO/BIOINFO	B.Sc. I	12.00 pm to 1.30 pm
		B.Sc.II & III	2.30 pm to 4.00 pm
Thursday 21/4/2022	PHY/BIOCHEM	B.Sc. I	12.00 pm to 1.30 pm
		B.Sc.II & III	2.30 pm to 4.00 pm
Friday 22/4/2022	ZOO/CPS/IT	B.Sc. I	12.00 pm to 1.30 pm
		B.Sc. II & III	2.30 pm to 4.00 pm
Saturday 23/4/2022	MATHS/BOT	B.Sc. I	12.00 pm to 1.30 pm
		B.Sc. II & III	2.30 pm to 4.00 pm


(Dr. S.M. Nagrale)

Exam Committee

(Dr V.D. Nanoty)

Principal

Shri R.L.T. College of Science, Akola

B.Sc.-I (Sem-I) "Physics" Class Test January-2021

Shri R.L.T. College of Science, Akola,

College Class Test: B.Sc.-I (Sem-I)

Subject: Physics

Date: 22/01/2021

Time: 12 noon to 1 pm

* Required

1. Name of the Student *

2. Group *

3. College Roll Number

4. Mobile Number *

MCQs

Instructions:

1. There are 40 multiple choice questions (MCQ's). Each question carries 1 marks.
2. Solve any 30 questions. No negative marking.
3. Submission of test is allowed once only.

5. 1) Kepler's first law is about

Mark only one oval.

- Elliptical orbit
- period
- area
- volume

6. 2) Kepler's second law is about

Mark only one oval.

- Elliptical orbit
- period
- area
- volume

7. 3) Kepler's third law is about

Mark only one oval.

- Elliptical orbit
- period
- area
- volume

8. 4) Kepler's third law is about

Mark only one oval.

- Law of Elliptical orbit
- law of period
- law of areal velocity
- none of above

9. 5) Force keeping the planets in elliptical orbit is

Mark only one oval.

- Electrostatic force
- Nuclear force
- Gravitational force
- Magnetic force

10. 6) The SI unit of gravitational constant is

Mark only one oval.

- Nm^2kg^2
- $\text{Nm}^2\text{kg}^{-2}$
- $\text{Nm}^{-2}\text{kg}^2$
- $\text{N}^2\text{m}^2\text{kg}^2$

11. 7) The SI unit of intensity of gravitational field is

Mark only one oval.

- N/kg
- N/kg²
- Nm²kg
- Nkg

12. 8) With increase in altitude, the value of 'g'

Mark only one oval.

- Increase
- decrease
- remains constant
- none of these

13. 9) Theoretically as depth increases the value of g

Mark only one oval.

- increases
- decreases
- remain constant
- become zero

14. 10) The intensity of gravitational field of the earth is, maximum at

Mark only one oval.

- Center of earth
- equator
- poles
- same everywhere

15. 11) Kepler's Law is known as law of areal velocity

Mark only one oval.

- First
- Second
- Third
- None of above

16. 12) Gravitational potential is a quantity

Mark only one oval.

- Scalar
- vector
- tensor
- both a and b

17. 13) The moment of momentum is called

Mark only one oval.

- Couple
- torque
- impulse
- angular momentum

18. 14) S.I. unit of moment of inertia is

Mark only one oval.

- Kg.m/sec²
- kg.m²
- kg.cm²
- gm.cm²

19. 15) The sum of the product of masses of the particle of the body and the square of the distance from the axis of rotation is the

Mark only one oval.

- Torque on the body
- moment of inertia
- radius of gyration
- theorem of parallel axes

20. 16) Unit of angular momentum is

Mark only one oval.

- Kg.m²/s
- kg.m²s²
- kg.m²
- kg.m/s

21. 17) Unit of linear momentum is

Mark only one oval.

- Kg.m²/s
- kg.m²s²
- kg.m²
- kg.m/s

22. 18) Moment of a disc about an axis perpendicular to its plane and passing through its center is

Mark only one oval.

- MR²
- MR²/2
- 3/2MR²
- 2/5MR²

23. 19) When a planet orbits the Sun, one of the foci of the elliptical orbit is

Mark only one oval.

- The axis
- The perihelion
- The centre
- The Sun

24. 20) The formula for Kepler's third law is

Mark only one oval.

- $P^3 = a^2$
- $P^3 = a^3$
- $P^2 = a^2$
- $P^2 = a^3$

25. 21) What happens to the gravitational potential at the center of the uniform spherical shell which shrinks gradually?

Mark only one oval.

- Remains constant
- Decreases
- Increases
- Oscillates

26. 22) The atmosphere around the earth is held by

Mark only one oval.

- Gravity
- Winds
- Clouds
- None of the above

27. 23) The weight of a body at the center of the earth is

Mark only one oval.

- Zero
- Infinite
- Same as on the surface of earth
- None of the above

28. 24) As we go from the equator to the poles, the value of g

Mark only one oval.

- Remains the same
- Decreases
- Increases
- Decreases upto a latitude of 45°

29. 25) Force of gravity is least at

Mark only one oval.

- The equator
- The poles
- A point in between equator and any pole
- None of these

30. 26) On which of the following factor does the moment of inertia of an object not depend upon

Mark only one oval.

- Axis of rotation
- Angular velocity
- Distribution of mass
- Mass of an object

31. 27) When the torque acting on the system is zero, which of the following is constant?

Mark only one oval.

- Linear impulse
- Linear momentum
- Force
- Angular momentum

32. 28) When does the moment of inertia of a body come into the picture?

Mark only one oval.

- When the motion is rotational
- When the motion is linear
- When the motion is along a curved path
- None of the above

33. 29) What does $L^2/2I$ represent?

Mark only one oval.

- Power
- The torque of a particle
- The potential energy of a particle
- The rotational kinetic energy of a particle

34. 30) Which of the following has the smallest moment of inertia about the central axis if all have equal masses and radii?

Mark only one oval.

- Ring
- Disc
- Spherical shell
- Sphere

35. 31) What is angular momentum

Mark only one oval.

- scalar
- axial vector
- scalar and vector
- polar vector

36. 32) A disk and a sphere of the same radius but different masses roll off on two inclined planes of the same altitude and length. Which one of the two objects gets to the bottom of the plane first?

Mark only one oval.

- Disk
- Sphere
- Both reach at the same time
- Depends on their masses

37. 33) A solid cylinder of mass 50 kg and radius 0.5 m is free to rotate about the horizontal axis. A mass less string is wound round the cylinder with one end attached to it and other hanging freely. Tension in the string required to produce an angular acceleration of 2 rev/s^2 is

Mark only one oval.

- 25N
- 50N
- 78.5N
- 157N

38. 34) When a mass is rotating in a plane about a fixed point, its angular momentum is directed along

Mark only one oval.

- a line perpendicular to the plane of rotation
- the line making an angle of 45° to the plane of rotation
- the radius
- the tangent to the orbit

39. 35) What would be the duration of the year if the distance between the earth and the sun gets doubled?

Mark only one oval.

- 1032 days
- 129 days
- 365 days
- 730 days

40. 36) A body of mass m is taken from the earth's surface to the height equal to twice the radius (R) of the earth. The change in potential energy of body will be

Mark only one oval.

- $mg2R$
- $2/3mgR$
- $3mgR$
- $1/3mgR$

41. 37) Newton's law of gravitation applies to

Mark only one oval.

- Small bodies only
- Plants only
- All bodies irrespective of their size
- For solar system

42. 38) The diameter of the orbit of the planet round the sun is 25 times the diameter of the earth's orbit round the sun. Calculate the period of revolution of a planet round the sun.

Mark only one oval.

- 125 years
- 20 years
- 153 years
- 2.5 years

43. 39) A uniform circular disc of mass 5 kg has radius 0.5m. Calculate M.I. of a disc about an axis passing through its center and perpendicular to its plane.

Mark only one oval.

- 0.625
- 6.25
- 625
- 123.6

44. 40) A solid cylinder of mass 20 kg rotates about its axis with constant angular speed 100 rad/s. The radius of the cylinder is 25 cm. What will be the moment of inertia about its axis and kinetic energy of rotating cylinder.

Mark only one oval.

- 3125 J
- 3.125 J
- 3200 J
- 312.5 J

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Google Forms

B.Sc.-III (Sem-V) "Physics" Class Test W-2021

Shri R. L. T. College of Science, Akola

College Class Test : B. Sc. III (Sem - V)

Subject - Physics

Date : 28/12/2021

Time: 2:30 pm to 3:30 pm (1 hr)

* Required

1. Email *

2. Name of the Student *

3. Group *

Mark only one oval.

P1

P2

P3

P4

P5

P6

4. Mobile Number *

MCQs

Instructions :

1. There are 40 Multiple choice questions each carries one mark.
2. Solve any 30 questions
3. Submissions of test is allowed once only.

5. 1. According to vector atom model, electron orbits are quantized in.....

Mark only one oval.

- a) Magnitude only
- b) Direction only
- c) Both magnitude and direction
- d) None of the above

6. 2. Principal quantum number gives information about.....

Mark only one oval.

- a) Number of electrons in orbit
- b) Sub shells of orbit
- c) Spin of electron
- d) Angular momentum of electron

7. 3. Selection rule for orbital quantum number is

Mark only one oval.

- a) $\Delta L = \pm 1$
- b) $\Delta L = \pm 1$ or 0
- c) $\Delta L = \pm 2$
- d) $\Delta L = +1$

8. 4. For Silver atom, traces are obtained on photographic plate with non-homogeneous magnetic field.

Mark only one oval.

- a) One
 b) two
 c) three
 d) four

9. 5. According to Duane-Hunt law λ_{\min} is proportional to (V-accelerating Voltage)

Mark only one oval.

- a) V^2
 b) V^{-2}
 c) V^{-1}
 d) V

10. 6. If vacancy in L-shell due to removal of electron is filled by electron in N-shell then spectral line is obtained.

Mark only one oval.

- a) $L\alpha$
 b) $L\beta$
 c) $K\alpha$
 d) $L\gamma$

11. 7. The value of nuclear screening constant b in Moseley's law for K-series is.....

Mark only one oval.

- a) 1
 b) 2
 c) 3
 d) 4

12. 8. Raman Effect is observed in

Mark only one oval.

- a) Solid
 b) Liquid
 c) Gas
 d) In all above

13. 9. If frequencies of incident light and scattered light are V and then Raman shift is given by

Mark only one oval.

- a) $V_i - V_s$
 b) $V_i + V_s$
 c) $V_i \pm V_s$
 d) V_i / V_s

14. 10. Spectrum obtained from sodium vapor lamp is an example of spectra

Mark only one oval.

- a) Continuous emission
 b) Line emission
 c) Band emission
 d) Absorption

15. 11. Spectrum obtained from hot red metal is an example of spectra

Mark only one oval.

- a) Continuous emission
 b) Line emission
 c) Continuous absorption
 d) Absorption

16. 12. In X-ray emission tubes, X-ray is emitted by the acceleration of _____

Mark only one oval.

- a) Atoms
 b) Protons
 c) Electrons
 d) Neutrons

17. 13. The wavelength range of X-rays is _____

Mark only one oval.

- a) 1 mm to 700 nm
 b) 400 nm to 1 nm
 c) 1 nm to 0.001 nm
 d) 0.1 m to 1 mm

18. 14. When did Dr. C.V. Raman received Nobel Prize?

Mark only one oval.

- a. 1927
 b. 1929
 c. 1930
 d. 1932

19. 15. An X-ray tube operates on 50 kV. What is the shortest wavelength of x-ray produced?

Mark only one oval.

- a) 0.248 Å
 b) 0.0248 Å
 c) 24.8 Å
 d) 2.48 Å

20. 16. The total number of atomic orbits in fourth energy level of an atom is

Mark only one oval.

- a) 16
 b) 32
 c) 4
 d) 8

21. 17. Azimuthal quantum number defines:

Mark only one oval.

- a) e/m ratio of electron
 b) Angular momentum of electron
 c) Spin of electron
 d) Magnetic moment of electron

22. 18. Which quantum numbers gives the shell to which the electron belongs?

Mark only one oval.

- a) n
 b) l
 c) m
 d) s

23. 19. How many electrons can the first energy level ($n=1$) hold?

Mark only one oval.

- a) 2
- b) 1
- c) 8
- d) 4

24. 20. Raman shift is positive for.....

Mark only one oval.

- a) Stoke line
- b) Anti-stoke line
- c) Rayleigh line
- d) None of the above

25. 21. Geiger-Muller counter is used to detect.....

Mark only one oval.

- a) Protons
- b) Neutrons
- c) Photons
- d) None of these

26. 22. A Geiger-Muller tube is a...

Mark only one oval.

- a) Gas ionization detector
- b) Cloud chamber
- c) Fluorescence detector
- d) Spectrophotometer

27. 23. Which type of radiation is the least penetrating.....

Mark only one oval.

- a) alpha
- b) Beta
- c) Gamma
- d) X-ray

28. 24. Process by which energy is released in sun is. ...

Mark only one oval.

- a) Fission
- b) Haber's
- c) Fusion
- d) Radioactivity

29. 25. Binding energy of helium is

Mark only one oval.

- a) less than that hydrogen
- b) less than that of lithium
- c) more than that of lithium
- d) Equal to that of hydrogen

30. 26. Most stable isotopes in nature is

Mark only one oval.

- a) iron-56
- b) carbon-12
- c) uranium-35
- d) uranium-238

31. 27. The half-life of radioactive nuclei is.....

Mark only one oval.

- a) $0.693/\lambda$
- b) $0.793/\lambda$
- c) 0.6932λ
- d) 0.7932λ

32. 28. The sum of a number of proton and neutron is called

Mark only one oval.

- a) Atomic number
- b) Mass number
- c) Isotopes
- d) None of these

33. 29. Unit of nuclear binding energy is usually expressed in....

Mark only one oval.

- a) Mev
- b) eV
- c) Kev
- d) Joules

34. 30. Which of the following is correct during fusion of hydrogen into helium.....

Mark only one oval.

- a) Mass is increased
- b) Mass is reduced
- c) Energy is absorbed
- d) Energy is released

35. 31. Proton has the charge

Mark only one oval.

- a) 1637 times of an electron
- b) 1737 times of an electron
- c) 1837 times of an electron
- d) 1937 times of an electron

36. 32. As per modern theory, the atom has a diameter of about

Mark only one oval.

- a) 10^{-4} mm
- b) 10^{-5} mm
- c) 10^{-6} mm
- d) 10^{-7} mm

37. 33. Nuclear force areforce

Mark only one oval.

- a) Long range
- b) Short range
- c) Infinite range
- d) None of the above

38. 34. Nuclear fission occurs in

Mark only one oval.

- a) Nuclear bomb
- b) Hydrogen bomb
- c) Both a & b
- d) None of the above

39. 35. Nuclear reactor are used to generate

Mark only one oval.

- a) Power
- b) Energy
- c) Work
- d) None of the above

40. 36. The volume of a nucleus in an atom is proportional to the

Mark only one oval.

- a) Mass number
- b) Proton number
- c) Neutron number
- d) Electron number

41. 37. The size of nucleus is estimated to be of the order of

Mark only one oval.

- a) Few picometer (10^{-12} m)
- b) Few femtometer (10^{-15} m)
- c) Few nanometer (10^{-9} m)
- d) Few micrometer (10^{-6} m)

42. 38. Radioactivity is the process of:

Mark only one oval.

- a) an unstable nucleus becoming stable
- b) an electron moving to a higher energy shell
- c) an electron moving to a lower energy shell
- d) a stable nucleus becoming unstable

43. 39. The number of protons in a nucleus is expressed by the symbol:

Mark only one oval.

- a) A
- b) Z
- c) X
- d) M

44. 40. How many neutrons are in a Uranium-235 nucleus?

Mark only one oval.

a) 235

b) 146

c) 92

d) 143

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B.Sc.-II (Sem-III) Physics Exam W-2021

PHYSICS UNIT TEST

Date-28/12/21 Time: 1:30 to 2:30 pm

Solve any 30 questions.

* Required

1. Mobile No. *

2. 1. Which is not a scalar field function.

Mark only one oval.

Electric potential

Temperature

Density

Velocity

3. 2. which is not a vector field function

Mark only one oval.

Displacement

Acceleration

Intensity of electric field

Temperature

4. 3. Curl of vector function \vec{A} is written as.

Mark only one oval.

- $\nabla \cdot \vec{A}$
 $\nabla^2 \cdot \vec{A}$
 $\nabla \times \vec{A}$
 $\nabla^2 \times \vec{A}$

5. 4. When the following is not a vector.

Mark only one oval.

- grad ϕ
 div \vec{F}
 curl \vec{F}
 none of these

6. 5. which vector field \vec{F} remains parallel at the point of consideration the div \vec{F} is.

Mark only one oval.

- positive
 negative
 zero
 any value

7. 6. for converting double integration sign in to single integration sign the theorem used is

Mark only one oval.

- Stoke's theorem
 Gauss's law
 Gauss's divergence theorem
 Green theorem

8. 7. SI unit of magnetic flux density is.

Mark only one oval.

- tesla
 Wb/m²
 N/Am
 all of these

9. 8. when vector field \vec{F} diverges at the point of consideration then div

Mark only one oval.

- positive
 negative
 zero
 any value

10. 9. Which of the following is unit of inductance.

Mark only one oval.

- Ohm
 Henry
 Ampere turns
 Webers/metre

11. 10. According to Faraday's law, EMF stands for

Mark only one oval.

- Electromagnetic field
 Electromagnetic force
 Electromagnetic friction
 Electromotive force

12. 11. Calculate the emf when a coil of 100 turns is subjected to a flux rate of 0.3 tesla/sec.

Mark only one oval.

- 3
 30
 -30
 -300

13. 12. Semiconductor define as

Mark only one oval.

- whose conductivity greater than conductor
 whose conductivity lower than insulator
 whose conductivity lies between conductor and insulator
 all of these

14. 13. A plane surface is rotated in a uniform electric field. When is the flux of the electric field through the surface maximum?

Mark only one oval.

- When the surface is perpendicular to the field
 When the surface is parallel to the field
 When the surface is at an angle of 30 degree with the field
 When the surface is at an angle of 45 degree with the field

15. 14. When is the flux through a surface taken as positive

Mark only one oval.

- When the flux lines are directed inwards
- When the flux lines are directed outwards
- No flux lines through the surface
- Flux lines are parallel to each other

16. 15. The net charge through a closed surface in a given medium depends on

Mark only one oval.

- Size of the surface
- Charge of the surface
- The shape of the surface
- Area of the surface

17. 16. Electric flux is a quantity a) vector

Mark only one oval.

- vector
- Scalar
- positive
- negative

18. 17. In the expression $e = -d\phi/dt$, the -ve sign signifies

Mark only one oval.

- The induced emf is produced only when magnetic flux decreases
- The induced emf opposes the change in the magnetic flux
- The induced emf is opposite to the direction of the flux
- None of these

19. 18. The SI unit of magnetic flux is:

Mark only one oval.

- T
- Poise
- Wb
- Wb/m²

20. 19. Find the electric force when the charge of 2C is subjected to an electric field of 6 units.

Mark only one oval.

- 6
- 3
- 12
- 24

21. 20. Find the magnetic force when a charge 3.5 Coulomb with flux density of 4 units is having a velocity of 2m/s.

Mark only one oval.

- 14
- 28
- 7
- 32

22. 21. Magnetis force act on moving charge is.....

Mark only one oval.

- Transverse
- Longitudinal
- Zig-Zag
- All of these

23. 22. Line integral is used to calculate

Mark only one oval.

- Area
- Volune
- Length
- None of these

24. 23. The divergence of which quantity will be zero

Mark only one oval.

- E
- D
- H
- B

25. 24. Magnetic flux density is quantity

Mark only one oval.

- Scalar
- Vector
- Tensor
- None of these

26. 25. Find the Maxwell equation derived from Faraday's law.

Mark only one oval.

- $\text{Div}(\mathbf{H}) = \mathbf{J}$
 $\text{Div}(\mathbf{D}) = \mathbf{I}$
 $\text{Curl}(\mathbf{E}) = -d\mathbf{B}/dt$
 $\text{Curl}(\mathbf{B}) = -d\mathbf{H}/dt$

27. 26. Find the Maxwell law derived from Ampere law

Mark only one oval.

- $\text{Div}(\mathbf{I}) = \mathbf{H}$
 $\text{Div}(\mathbf{H}) = \mathbf{J}$
 $\text{Curl}(\mathbf{H}) = \mathbf{J}$
 $\text{Curl}(\mathbf{B}) = \mathbf{D}$

28. 27. In N- Type of semiconductor majority of charge carriers are

Mark only one oval.

- Holes
 Holes & Electrons
 Electrons
 None of these

29. 28. The displacement current is due to

Mark only one oval.

- Steady electric field
 Flow of steady current
 Variation of electric field
 Variation of magnetic field

30. 29. The magnitude of induced emf is given by

Mark only one oval.

- Faraday's law
 Lenz's law
 Fleming left hand rule
 None of these

31. 30. The equation $\nabla \cdot (\mathbf{B}) = 0$ represents

Mark only one oval.

- Gauss's law in electrostatics
 Faraday's law
 Ampere's law
 Gauss's law in magnetostatics

32. 31. The displacement current is given by

Mark only one oval.

- $\mu_0 \epsilon_0 (d\mathbf{E})/dt$
 $\mu_0 \epsilon_0 (d\phi)/dt$
 $\epsilon_0 (d\mathbf{E})/dt$
 $\epsilon_0 (d\phi)/dt$

33. 32. The equation $\nabla \times \mathbf{E} = - (\partial \mathbf{B})/\partial t$ represents

Mark only one oval.

- Coulomb's law
 Ampere's law
 Faraday's law
 Gauss's law

34. 33. The equation $\nabla \times \vec{H} = \vec{j} + (\partial \vec{D})/\partial t$ represents

Mark only one oval.

- Coulomb's law
- Faraday's law
- Ampere's law
- Gauss's law

35. 34. The velocity of electromagnetic waves in dielectric medium having permittivity ϵ and permeability μ is given by

Mark only one oval.

- $\sqrt{\epsilon/\mu}$
- $\sqrt{\mu/\epsilon}$
- $1/\sqrt{\epsilon\mu}$
- $\sqrt{\epsilon\mu}$

36. 35. According to Faraday's law, the total induced voltage in a conductor which is moved in a magnetic field depends upon

Mark only one oval.

- Change in magnetic flux
- Rate of change of magnetic flux
- Initial value of magnetic flux
- Final value of magnetic flux

37. 36. Which of the following is not the statement of Faraday's law.

Mark only one oval.

- $e = - (d\phi)/dt$
- $e = -N (d\phi)/dt$
- $e = -N dt/(d\phi)$
- $e = - d/dt (N\phi)$

38. 37. The force experience by charge moving with velocity v in uniform magnetic field is given by

Mark only one oval.

- $F = q(v)$
- $(F) = qB$
- $F = q(v \times B)$
- $E = q(v \cdot B)$

39. 38. Poynting vector gives the,

Mark only one oval.

- Direction of polarization
- Rate of energy flow
- Intensity of electric field
- Intensity of magnetic field

40. 39. What is the unit for displacement current?

Mark only one oval.

- No unit
- Ampere
- Coulomb
- Ampere/Coulomb

41. 40. The direction of propagation of electromagnetic waves is given by

Mark only one oval.

- vector \vec{H}
- vector \vec{E}
- vector $\vec{E} \times \vec{H}$
- vector \vec{B}

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Shri RLT College of Science, Akola

B.Sc. I Sem-II

Unit Test – 2021-22

Subject- Physics

Time : 1 hr. 30 min.

Max. Marks : 30

Note: 1) All question are compulsory

2) Figure to the right indicates full marks.

3) Draw neat and clean diagram wherever necessary.

Q.1 A.: Fill in the blanks.

(2)

i. Each molecule of mono atomic gas has _____ degree of freedom.

ii. The path of a charge particle in transverse electric filed is a _____.

B. Choose the correct alternatives.

(2)

i. R.M.S. speed of the molecule is directly proportional to

a. T

b. T^2

c. $1/T$

d. \sqrt{T}

ii. Velocity of the particle from velocity selector is equal to

a. E/B

b. B/E

c. E

d. B

C. Answer in one sentence.

(2)

i. What is mass spectrograph?

ii. Define mean free path.

Q2. Either

a) State the assumption of kinetic theory of gasses.

(4)

b) Deduce Boyle's law .

(4)

c) State and prove law of equipartion of energy

(4)

OR

p) Derive Vander Waal's equation of state for real gas.

(4)

q) What are degree of freedom. Find degree of freedom for mono, dia and polyatomic gases

(4)

r) Derive an expression for mean free path of a gas molecule in terms of density of gas.

(4)

Q3 Either

a) Explain the motion of charge particle in transverse electric filed.

(4)

b) Describe the construction and working of electron gun.

(4)

c) Explain the construction and working of velocity selector.

(4)

OR

p) Explain the working of Bainbridge mass spectrograph.

(4)

q) Draw a neat diagram of cyclotron and explain its construction and working.

(4)

r) Explain the motion of charge particle in transverse magnetic field.

(4)

Shri R. L. T. College of Science Akola

B.Sc. III (Sem-VI)

UNIT-TEST (2021-2022)

Subject- Physics

Time: 1.30 hr

Maximum Marks: 30

Q1. A) Fill in the blanks

1) Free electrons are free to move the metal surfaces.[1]

2) Miller indices are denoted by [1]

B) Choose correct alternatives

1) S. I. Unit of Conductivity is:

a) Siemens per meter

b) $(\text{Ohm. m})^{-1}$

c) Ohm. m

d) Both (a) & (b) [1]

2) The coordination number of fcc structure is

(a) 6 (b) 8

(c) 12 (d) 16 [1]

C) Answer in one sentence

1) Define Fermi energy. [1]

2) Unit cell [1]

Q2 a) Describe three dimensional crystal systems and their Bravais lattices. [6]

b) State and explain Bloch theorem. [4]

c) Define electrical conductivity and state its unit.[2]

OR

Q3. p) Classify in details the materials are conductors, insulators and semiconductors on the basis of energy band. [6]

q) Write the properties of crystalline and amorphous solids. [4]

r) What are line defects? Explain Edge dislocation. [4]

Q4. a) State and explain Bragg's law. [4]

b) Explain the concept of "electron in periodic potential".[4]

c) Obtain an expression for electrical conductivity in terms of mean free path of free electrons. [4]

OR

OR

Q5. p) Explain the terms

1. Space lattice

2. Miller indices.

3. Reciprocal lattice. [6]

q) X-rays of wavelength 2 \AA make a glancing angle of 15° in the first order when diffracted from NaCl crystal. Find the lattice constant of a NaCl crystal. [4]

r) Explain co-ordination number for bcc and fcc structure. [2]

Shri RL College of Science, Akola.
B.Sc. I Sem-II (Summer- 2022)
Internal Examination Marks
Subject : Physics

S. No	Name of Students	Batch	Uni. Roll No.	Test (12)	Assig (8)	Total (20)
1.	Aachal Pradip Dambare	P3	21AB114533	07	08	15
2.	Abhishek Brijlal Jadhao	P4	21AB114544	12	08	20
3.	Abhishek Haridas Dahake	P6	21AB114545	00	08	08
4.	Aboli Shekhar Khumkar	P3	21AB114547	10	08	18
5.	Achal Sanjay Belokar	P2	21AB114550	10	08	18
6.	Aditi Pramod Shirsat	P1	21AB114554	07	08	15
7.	Aditi Sanjay Chavan	P3	21AB114555	07	08	15
8.	Aaditya Rajesh Lad	P2	21AB114556	07	08	15
9.	Aditya Sharad Shirsat	P4	21AB114558	10	08	18
10.	Aishwarya Dnyaneshwar Gayakwad	P4	21AB114560	12	08	20
11.	Akanksha Ajit Deshmukh	P4	21AB114562	12	08	20
12.	Akanksha Manoj Waskar	P3	21AB114563	10	08	18
13.	Akshay Arvind Banchare	P5	21AB114566	10	08	18
14.	Akshay Eknath Kharole	P2	21AB114567	10	08	18
15.	Amit Gautam Ugale	P4	21AB114570	00	00	00
16.	Aniket Prakash Jadhao	P4	21AB114573	07	08	15
17.	Ankit Ganesh Yadav	P3	21AB114578	07	08	15
18.	Ankit Madhukar Patharkar	P5	21AB114579	07	08	15
19.	Ankit Rameshwar Ingle	P1	21AB114580	00	00	00
20.	Anuradha Ghanshyam Agarkar	P2	21AB114585	10	08	18
21.	Arpita Ananta Awachar	P4	21AB114592	07	08	15
22.	Ayushman Ashok Bunde	P2	21AB114603	00	00	00
23.	Bhagyashri Kamalakar Ingle	P2	21AB114604	07	08	15
24.	Bharti Ravikumar Motwani	P6	21AB114607	12	08	20
25.	Bhavesh Vishwanath Tayde	P3	21AB114608	07	08	15
26.	Chaitanya Dipak Landge	P2	21AB114611	07	08	15
27.	Chaitanya Kishor Deshmukh	P3	21AB114612	07	08	15

28.	Chetan Jitendra Gaikwad	P1	21AB114614	00	00	00
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30.	Chinmayi Sachin Amin	P4	21AB114617	12	08	20
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32.	Deeksha Gajendra Mishra	P4	21AB114619	12	08	20
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35.	Dipali Haridas Laudakar	P2	21AB114631	10	08	18
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39.	Gaurav Vilas Wankhade	P4	21AB114643	07	08	15
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42.	Gauri Sunil Rajput	P2	21AB114652	12	08	20
43.	Gayatri Madhavrao Hande	P2	21AB114658	07	08	15
44.	Gayatri Ramdas Dongre	P2	21AB114659	10	08	18
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47.	Harshal Gajanan Kedar	P1	21AB114666	07	08	15
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49.	Indrayani Janardhan Gawande	P4	21AB114670	12	08	20
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52.	Jaya Balu Dahatonde	P4	21AB114675	12	08	20
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54.	Juhi Vijay Ahuja	P2	21AB114679	12	08	20
55.	Kalyani Shriram Digambar	P3	21AB114683	07	08	15
56.	Kanchan Manoj Sharma	P4	21AB114684	12	08	20
57.	Kaushal Ganesh Bansod	P4	21AB114686	10	08	18
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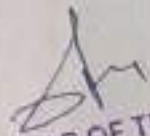
60.	Krishna Ravindra Patil	P6	21AB114693	12	08	20
61.	Krushna Haribhau Ingle	P5	21AB114694	10	08	18
62.	Kuldip Chandrakant Ahirkar	P2	21AB114696	12	08	20
63.	Kunal Shrikrushna Kiratkar	P1	21AB114700	10	08	18
64.	Lakshmi Shrikrushna Janorkar	P3	21AB114701	07	08	15
65.	Mandar Vikas Kulkarni	P1	21AB114709	00	08	08
66.	Mangesh Govind Chakradeve	P5	21AB114710	07	08	15
67.	Mangesh Rajratana Wankhade	P4	21AB114711	07	08	15
68.	Mangesh Ramesh Janokar	P6	21AB114712	07	08	15
69.	Manoj Shrihari Telgote	P4	21AB114717	07	08	15
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77.	Naman Ramkumar Yadav	P6	21AB114744	00	00	00
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79.	Neha Narayan Pawar	P2	21AB114754	10	08	18
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84.	Om Rajesh Thakur	P2	21AB114766	12	08	20
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90.	Pooja Shamrao Fokmare	P2	21AB114781	12	08	20
91.	Prachi Sanjay Punde	P2	21AB114784	07	08	15

92.	Prachi Uddhavrao Kukade	P2	21AB114789	07	08	15
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99.	Prathmesh Ramesh Raibole	P4	21AB114807	10	08	18
100.	Pratiksha Bhaskar Nilkhan	P4	21AB114809	00	00	00
101.	Pratiksha Ganesh Fokmare	P2	21AB114811	12	08	20
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103.	Prerna Nilesh Nimkale	P4	21AB114817	12	08	20
104.	Radhika Gajanan Raut	P2	21AB114821	07	08	15
105.	Rahul Sanjay Jadhao	P2	21AB114823	10	08	18
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112.	Rohan Dattatray Mahalle	P5	21AB114839	10	08	18
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121.	Sajagata Subhash Gawai	P2	21AB114861	07	08	15
122.	Sakshi Suryaprakash Wankhade	P4	21AB114885	10	08	18
123.	Sakshi Vinod Mutthe	P2	21AB114888	07	08	15

124.	Samiksha Govinda Gorle	P4	21AB114890	10	08	18
125.	Samiksha Rameshwar Pohare	P3	21AB114894	12	08	20
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129.	Sanjana Panjabrao Dhadse	P3	21AB114907	10	08	18
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132.	Sayali Gajanan Kamble	P2	21AB114914	12	08	20
133.	Sayali Rajesh Chaudhari	P2	21AB114916	12	08	20
134.	Sharayu Dattatray Lasurkar	P4	21AB114921	10	08	18
135.	Shaunak Arun Lande	P1	21AB114924	10	08	18
136.	Shifa Mahreen Abdul Wajid Mohd	P3	21AB114925	10	08	18
137.	Shreyasha Shuddhodhan Wankhade	P6	21AB114943	10	08	18
138.	Srushti Dipak Damodar	P5	21AB114944	00	00	00
139.	Shruti Girish Gore	P4	21AB114947	12	08	20
140.	Shruti Rajesh Gujar	P2	21AB114949	10	08	18
141.	Shubham Hanuman Ghate	P3	21AB114952	12	08	20
142.	Shubham Kishor Waghade	P3	21AB114953	07	08	15
143.	Siddharth Narendra Manmothe	P4	21AB114956	12	08	20
144.	Siddhi Mohanrao Korde	P4	21AB114957	07	08	15
145.	Srushti Shashikant Nimkarde	P3	21AB114967	07	08	15
146.	Sujal Rajkumar Gawande	P6	21AB114970	10	08	18
147.	Sukanya Uttamrao Ghansavadh	P2	21AB114971	07	08	15
148.	Sweety Devanand Khandare	P4	21AB114977	00	00	00
149.	Tanaya Jaykumar Wankhade	P4	21AB114979	10	08	18
150.	Tanmay Narayan Gadge	P4	21AB114980	12	08	20
151.	Tejas Dipak Manwar	P4	21AB114984	12	08	20
152.	Tejas Kiran Pawar	P6	21AB114985	12	08	20
153.	Tejas Pramod More	P2	21AB114986	07	08	15
154.	Tridha Sanjaykumar Poharkar	P6	21AB114991	07	08	15
155.	Tushar Suresh Thorat	P3	21AB114994	10	08	18

156.	Tushit Kailas Damodar	P3	21AB114995	07	08	15
157.	Uday Ganesh Ghuge	P5	21AB114996	12	08	20
158.	Uttara Vasant Umale	P2	21AB114997	10	08	18
159.	Vaibhav Vinod Sarkate	P4	21AB114999	10	08	18
160.	Vaibhavi Santosh Deshpande	P2	21AB115001	07	08	15
161.	Vaidehi Amol Chinchale	P4	21AB115002	07	08	15
162.	Vaidik Anil Thadkar	P6	21AB115003	12	08	20
163.	Vaishnavi Devidas Solanke	P4	21AB115006	07	08	15
164.	Vaishnavi Mahadevrao Dhattrak	P4	21AB115010	12	08	20
165.	Vaishnavi Rameshwar Undal	P2	21AB115012	07	08	15
166.	Vaishnavi Santosh Raut	P2	21AB115014	07	08	15
167.	Vaishnavi Vilas Ingle	P1	21AB115018	07	08	15
168.	Vedant Suresh Sartabe	P3	21AB115022	07	08	15
169.	Vedika Pramod Deshmukh	P2	21AB115023	10	08	18
170.	Vijay Shyam Tayade	P4	21AB115024	07	08	15
171.	Vishakha Vinod Shegaonkar	P4	21AB115025	12	08	20
172.	Vishwajeet Mangalsingh Charawande	P5	21AB115027	07	08	15
173.	Vishwajeet Narayan Khade	P2	21AB115028	07	08	15
174.	Vitthal Pundalik Kalmegh	P4	21AB115029	12	08	20
175.	Vivek Dinesh Ingle	P6	21AB115030	10	08	18
176.	Vivek Girijashankar Upadhye	P3	21AB115031	12	08	20
177.	Vivek Ramesh Bahakar	P4	21AB115032	00	00	00
178.	Vivek Sunil Ingle	P4	21AB115033	10	08	18

	Admission Cancel					
1.	Payal Sanjay Padmane	P2				
2.	Priti Haribhau Dutonde	P2				
3.	Abhishek Sanjiv Jawarkar	P3				
4.	Pooja Satish Sonone	P3				
5.	Kunal Narayan Awate	P4				
6.	Sakshi Sunil Pradhan	P4				
7.	Shravani Nagesh Didolkar	P4				


HEAD OF THE
PHYSICS DEPARTMENT
Shri R.L.T. College Of Science
Akola

Shri R. L. T. College of Science, Akola

Department of Physics

B.Sc. II Sem III EXAM W- 2021-22

INTERNAL ASSESSMENT

Sr. No.	University Roll	Full Name of Student	Group	Project	Seminar	UNIT	TOTAL
1	21AB314585	Aachal Mohan Mishra	P4	4	6	10	20
2	21AB314590	Abhishek Anil Devkar	P3	4	6	10	20
3	21AB314592	Abhishek Manoj Awagan	P4	4	6	10	20
4	21AB314595	Achal Pandurang Nikole	P3	4	6	7	17
5	21AB314596	Achal Rajesh Pande	P5	4	6	10	20
6	21AB314600	Aditya Gautam Nikade	P3	4	6	5	15
7	21AB314608	Akshay Uttam Nikhade	P4	4	6	10	20
8	21AB314609	Akshay Vinod Athawale	P3	4	6	10	20
9	21AB314611	Amar Babulal Pawar	P1	4	6	10	20
10	21AB314612	Amar Balu Chaudhary	P2	4	6	7	17
11	21AB314619	Aniket Kambale		4	6	5	15
12	21AB314620	Aniket chandanbatwe	P2	4	6	10	20
13	21AB314625	ANSHUL ANDHARE	P3	4	6	10	20
14	21AB314626	Anuj Sharma	P6	4	6	10	20
15	21AB314628	Anuja Vilas Banole	P4	4	6	10	20
16	21AB314632	Anuradha Vivek Dharamkar	P4	4	6	10	20
17	21AB314644	Ashwini Nana Gawai		4	6		10
18	21AB314646	Ashwini Gajanan Zambre	P2	4	6	10	20
19	21AB314652	Avinash shudakar tayade	P4	4	6	10	20
20	21AB314653	Bhakti Santosh Fursule	P4	4	6	10	20
21	21AB314655	Bhavik Pramod Waghmare	P4	4	6	10	20
22	21AB314656	Bhushan Keshav Ambhore	P4	4	6	10	20
23	21AB314660	Chetan Arun Panditkar	P3	4	6	10	20
24	21AB314662	Chirag Sanjay Annadate	P4	4	6	10	20
25	21AB314664	Darshan avinash wankhade	P6	4	6	10	20
26	21AB314666	Devyani Bandu Gawande	P2	4	6	10	20
27	21AB314669	Dhanashri raosaheb vidhate	P2	4	6	7	17
28	21AB314671	Diksha panjabrao gawande	P2	4	6	10	20
29	21AB314672	Diksha Surendra Gawai	P1	4	6	10	20
30	21AB314677	Divya ganesh mandwale	P1	4	6	10	20
31	21AB314681	Dnyaneshwar Manikrao Kanka	P3	4	6	10	20
32	21AB314683	Dnyaneshwari Gopal Wagh	P6	4	6	10	20
33	21AB314684	GAURAO DIGAMBAR GADEK	P3	4	6	10	20
34	21AB314687	Gaurav vijaysingh parmar	P4	4	6	10	20
35	21AB314688	Gauri Anand Bulbule	P2	4	6	10	20
36	21AB314691	Gauri Prakash Mali	P4	4	6	10	20
37	21AB314694	Gauri Vinod Paturkar	P5	4	6	10	20
38	21AB314698	Gayatri Narendra Muley	P4	4	6	10	20
39	21AB314701	Gayatri sarangdhar ingle	P3	4	6	10	20
40	21AB314703	Gayatri sudhir sable	P4	4	6	10	20
41	21AB314704	Gayatri Ulhas wagh	P4	4	6	10	20
42	21AB314705	Grishma Girish Wankhede	P4	4	6	10	20
43	21AB314707	Hariom dattatray yenkar	P5	4	6	10	20
44	21AB314712	Himanshu Manoj Bobade	P4	4	6	10	20
45	21AB314713	Hrutuja Ajay Yekhande	P4	4	6	5	15
46	21AB314719	Jay manoj sharma	P4	4	6	10	20
47	21AB314729	Kanchan Purushottam Fukat	P4	4	6	10	20
48	21AB314730	Kanchan dhurandhar	P4	4	6	10	20
49	21AB314732	karan Rajesh padghan	P3	4	6	10	20
50	21AB314733	khushi sethi	P5	4	6	10	20

51	21AB314736	Kishan Mukesh Gupta	P4	4	6	10	20
52	21AB314737	Komal Amol Wahurwagh	P4	4	6	10	20
53	21AB314739	Komal kisan chaudhari	P4	4	6	10	20
54	21AB314742	krishna jagannath shukla	P1	4	6	10	20
55	21AB314743	krushna Ashok Mundrakhe	P4	4	6	10	20
56	21AB314745	Kruti Prakash Koradia	P1	4	6	10	20
57	21AB314746	Kushal Namdeo Raut	P1	4	6	10	20
58	21AB314747	Madhumita Sugandhi	P1	4	6	10	20
59	21AB314748	Madhuri ravindra gawai	P1	4	6	10	20
60	21AB314751	Mahendra Ratan Pande	P4	4	6	10	20
61	21AB314752	Manasi Jayant Bhokre	P2	4	6	10	20
62	21AB314753	Manav Sonone	P2	4	6	10	20
63	21AB314760	Meeenakshi Nilkanth Ingle	P1	4	6	10	20
64	21AB314762	Milind Suresh Wankhade	P4	4	6	10	20
65	21AB314763	Mohd Saadur Rahman Mohd A	P4	4	6	10	20
66	21AB314766	Mokshada ramhari pandit	P1	4	6	10	20
67	21AB314767	mrunal kishor sapdhare	P6	4	6	7	17
68	21AB314776	Naukesh subhash wankhade	P4	4	6	10	20
69	21AB314782	Nikhil Kokate	P3	4	6	10	20
70	21AB314783	Nikita chandu Gaydhane	P4	4	6	10	20
71	21AB314789	Nikita Sanjay Muke	P4	4	6	10	20
72	21AB314790	Nikita shyam chavhan	P2	4	6	10	20
73	21AB314791	Nisha Ashok Kalaskar	P4	4	6	10	20
74	21AB314796	Om Wakchavare	P2	4	6	10	20
75	21AB314798	Pankaj vinayak chavhan	P4	4	6	5	15
76	21AB314802	Payal Shivaji Ghuge	P4	4	6	10	20
77	21AB314803	Piyush Dhanraj khandare	P2	4	6	10	20
78	21AB314806	Pooja Gajanan Pawar	P4	4	6	10	20
79	21AB314807	Pooja Nandkishor Mohanik	P3	4	6	7	17
80	21AB314808	Pooja Nitin Nandekar	P4	4	6	10	20
81	21AB314809	Pooja Sunil Deshmukh	P2	4	6	10	20
82	21AB314813	Prajakta Ramkrushna Khandar	P1	4	6	10	20
83	21AB314814	PRAJWAL RAMESHWAR PO	P2	4	6	10	20
84	21AB314815	Pranali Ajay Gawai	P6	4	6	10	20
85	21AB314817	Pranav Gupta	P4	4	6	10	20
86	21AB314825	Prathmesh Prashant Patharka	P4	4	6	10	20
87	21AB314826	Prathamesh vinod wakodkar	P5	4	6	10	20
88	21AB314827	Pratidhya Sunil ingle	P4	4	6	7	17
89	21AB314828	Pratik Prakash Bayaskar	P1	4	6	10	20
90	21AB314832	Pratiksha rambhau tayade	P1	4	6	5	15
91	21AB314834	Prerana Gajanan Pawar	P4	4	6	10	20
92	21AB314837	Puja shankar wadhe	P2	4	6	10	20
93	21AB314838	Purva adhao	P4	4	6	10	20
94	21AB314839	Purvin Sunil Bhalekar	P4	4	6	10	20
95	21AB314841	Raj Suresh Gawai	P3	4	6	10	20
96	21AB314843	Raksha Ramdas Mahalle	P4	4	6	10	20
97	21AB314847	Ravina anil tivale	P4	4	6	5	15
98	21AB314849	Renuka Deshmukh					0
99	21AB314856	Roshan Devanand Gawarguru	P4	4	6	10	20
100	21AB314857	Roshan vasudev zalke	P4	4	6	10	20
101	21AB314858	Rupali Mahendra Thakare	P4	4	6	10	20
102	21AB314860	Rushikesh Gajanan kale	P2	4	6	10	20
103	21AB314862	Rutika Pradip Dhawane	P2	4	6	10	20
104	21AB314867	Sagar Kashiram Bhatkar	P4	4	6	10	20
105	21AB314871	Sakshi Dilip Purohit	P6	4	6	10	20
106	21AB314872	Sakshi Dilip Tekade	P2	4	6	10	20
107	21AB314874	Sakshi Dnyaneshwar shinde	P4	4	6	10	20

108	21AB314879	Sakshi Pravin Tuljapure	P4	4	6	10	20
109	21AB314884	Sakshi vinayak vairale	P4	4	6	5	15
110	21AB314885	Sakshi vinod pohare	P4	4	6	10	20
111	21AB314886	Samiksha Ambadas Shitre	P4	4	6	10	20
112	21AB314888	Samiksha Rajesh Amode	P5	4	6	10	20
113	21AB314890	Samruddhi Jat	P6	4	6	10	20
114	21AB314896	Sanandan Sunil Deshmukh	P4	4	6	10	20
115	21AB314898	Sanjana dipak sirsat	P4	4	6	10	20
116	21AB314900	Sanskriti Rajendra Jangade	P4	4	6	10	20
117	21AB314903	Sejal Sanjay War	P4	4	6	10	20
118	21AB314904	Sejal Shyamrao Deshmukh	P3	4	6	10	20
119	21AB314905	Shaikh Ashraf Shaikh Hanif	P6	4	6	7	17
120	21AB314906	Shaikh Irshad Shaikh Nisar	P2	4	6	7	17
121	21AB314910	Shantanu vinod Tuljapure	P3	4	6	10	20
122	21AB314912	Shashvati Kiran Deshmukh	P3	4	6	10	20
123	21AB314915	Shital Kalyan Raut	P3	4	6	10	20
124	21AB314916	Shivam Chandrakant Lakhe	P3	4	6	5	15
125	21AB314917	Shivam Dnyaneshwar Kaje	P4	4	6	10	20
126	21AB314918	Shivam manikarao kalambe	P4	4	6	10	20
127	21AB314919	SHIVAM PRAKASH DASANPL	P2	4	6	10	20
128	21AB314920	Shivani Dilip Matre	P3	4	6	10	20
129	21AB314926	Shreya Rajendra Deshmukh	P4	4	6	10	20
130	21AB314927	shreya sanjay sonone	P1	4	6	10	20
131	21AB314929	Shreyas Ravindra Jamodkar	P3	4	6	10	20
132	21AB314934	Shruti Ashish Amley	P3	4	6	10	20
133	21AB314935	Shruti Mohan Tayade	P4	4	6	10	20
134	21AB314941	Shweta Prashant chalisgaonka	P4	4	6	10	20
135	21AB314948	Srushti Vasantao Bayaskar	P2	4	6	10	20
136	21AB314949	Sujata Sanjay gondchawar	P4	4	6	10	20
137	21AB314950	Sumedh babarao dongre	P3	4	6	10	20
138	21AB314952	Sumit digambar Mankar	P5	4	6	10	20
139	21AB314953	Sumit baniya	P2	4	6	10	20
140	21AB314954	Sumit Khaniwale		4	6	5	15
141	21AB314956	Suraj kailas Aghadate	P5	4	6	10	20
142	21AB314959	Swaranjali Sunil Gawande	P4	4	6	10	20
143	21AB314961	Tejas Devidas Dahane	P4	4	6	10	20
144	21AB314963	Tejaswini Bhaskar Daberao	P4	4	6	10	20
145	21AB314966	Tejaswini Ambhore	P4	4	6	10	20
146	21AB314966	Tejaswini Vijay Ambhore	P4	4	6	10	20
147	21AB314968	Utkarsh rajendra Damodar	P2	4	6	10	20
148	21AB314974	Vaishnavi Nitin Mhaisane	P6	4	6	10	20
149	21AB314976	Vaishnavi deshmukh	P2	4	6	10	20
150	21AB314978	vaishnavi datta bhilkar	P1	4	6	10	20
151	21AB314979	Vaishnavi Digambar kale	P4	4	6	10	20
152	21AB314986	Vaishnavi sanjay jagdhan	P4	4	6	10	20
153	21AB314994	Vedanti Ujankar	P1	4	6	10	20
154	21AB314997	VIPUL GAJANAN GIRHE	P6	4	6	10	20
155	21AB315004	Vrushali Ravi Wankhade	P4	4	6	10	20
156	21AB315006	Yash Ahir			6	10	20
157	21AB315008	Yash Gavhale	P4	4	6	10	20
158	21AB315009	Yash Waghmare	P5	4	6	10	20
159	21AB315010	Yash sanjay hagone	P4	4	6	10	20
160	21AB315012	Yogita Madhav Kaware	P4	4	6	7	17
161	21AB315013	Yogita rameshwar metange	P2	4	6	10	20
162	21AB321769	Deepika Premanand Bansod	P5	4	6	10	20
163	6018	Faisal Malik Abdul Salam	P5	4	6	10	20

HEAL
Dr. P. Gidam, MENT
S. P. G. S. Or Science

Sant Gadge Baba Amravati University, Amravati

Record of Internal Assessment Marks

(Two assignment per theory paper)

Name of the College :- SHRI R.L.T COLLEGE OF SCIENCE, AKOLA

Class : B.Sc.II Sem - IV Summer : 2021-22

Name of the Teachers :- *P. P. Gadgil*

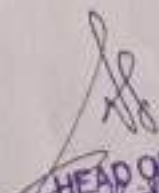
Sr. No	Roll No.	Name of Students	Assignment/Project Assignment max Marks	seminar/Group discussion/study tour/Industrial Visit/ Visit to educational/ research organization/ field work etc. Max.Marks	Class test Max.Marks :-	Total Max.Marks :-
1	21AB314585	AACHAL MOHAN MISHRA	4	6	5	15
2	21AB314590	ABHISHEK ANIL DEVKAR	4	6	5	15
3	21AB314592	ABHISHEK MANOJ AWAGAN	4	6	7	17
4	21AB314595	ACHAL PANDURANG NIKOLE	4	6	7	17
5	21AB314596	ACHAL RAJESH PANDE	4	6	5	15
6	21AB314600	ADITYA GAUTAM NIKADE	4	6	5	15
7	21AB314608	AKSHAY UTTAM NIKHADE	4	6	5	15
8	21AB314609	AKSHAY VINOD ATHAWALE	4	6	5	15
9	21AB314611	AMAR BABULAL PAWAR	4	6	5	15
10	21AB314612	AMAR BALU CHAUDHARY	4	6	7	17
11	21AB314619	ANIKET GAJANAN KAMBALE	4	6		10
12	21AB314620	ANIKET RAJESH CHANDANBATWE	4	6	5	15
13	21AB314625	ANSHUL SANJAY ANDHARE	4	6	5	15
14	21AB314626	ANUJ SATYANARAYAN SHARMA	4	6	5	15
15	21AB314628	ANUJA VILAS BANOLE	4	6	5	15
16	21AB314632	ANURADHA VIVEK DHARAMKAR	4	6	10	20
17	21AB314644	ASHVINI NANA GAWAI	4	6	0	10
18	21AB314646	ASHWINI GAJANAN ZAMBRE	4	6	5	15
19	21AB314652	AVINASH SUDHAKAR TAYADE	4	6		10
20	21AB314653	BHAKTI SANTOSH FURSULE	4	6	10	20
21	21AB314655	BHAVIK PRAMOD WAGHMARE	4	6	7	17
22	21AB314656	BHUSHAN KESHAV AMBHORE	4	6	7	17

23	21AB314660	CHETAN ARUN PANDITKAR	4	6	5	15
24	21AB314662	CHIRAG SANJAY ANNADATE	4	6	5	15
25	21AB314664	DARSHAN AVINASH WANKHADE	4	6	5	15
26	21AB314666	DEVYANI BANDU GAWANDE	4	6	7	17
27	21AB314669	DHANASHRI RAOSAHEB VIDHATE	4	6	5	15
29	21AB314671	DIKSHA PANJABRAO GAWANDE	4	6	10	20
30	21AB314672	DINGHA SURENDRA GAWAI	4	6	5	15
31	21AB314677	DIVYA GANESH MANDWALE	4	6	5	15
32	21AB314681	DNYANESHWAR MAMKRAO KANKA	4	6	5	15
33	21AB314683	DNYANESHWARI GOPALRAO WAG	4	6	5	15
34	21AB314684	GAURAO DIGAMBAR GADEKAR	4	6	5	15
35	21AB314687	GAURAV VIJAYSINGH PARMAR	4	6	7	17
36	21AB314688	GAURI ANANDA BULBULE	4	6	7	17
37	21AB314691	GAURI PRAKASH MALI	4	6	5	15
38	21AB314694	GAURI VINOD PATURKAR	4	6	0	10
39	21AB314698	GAYATRI NARENDRA MULEY	4	6	7	17
40	21AB314703	GAYATRI SUDHIR SABLE	4	6	7	17
41	21AB314701	GAYATRI SARANGDHAR INGLE	4	6	10	20
42	21AB314704	GAYATRI ULHAS WAGH	4	6	7	17
43	21AB314705	GRISHMA GIRISH WANKHEDE	4	6	5	15
44	21AB314707	HARIOM DATTATRAY YENKAR	4	6	5	15
45	21AB314712	HIMANSHU MANGI BOBADE	4	6	7	17
46	21AB314713	HRUTUJA AJAY YEKHANDE	4	6	5	15
47	21AB314719	JAY NANDU SHARMA	4	6	5	15
48	21AB314729	KANCHAN PURUSHOTTAM FLUKAT	4	6	7	17
49	21AB314730	KANCHAN RAJESH CHURANDHAR	4	6	5	15
50	21AB314732	KARAN RAJESH PADGHAN	4	6	5	15
51	21AB314733	KHUSHI MANISH SETHI	4	6	5	15
52	21AB314736	KISHAN NUKESH GUPTA	4	6	5	15
53	21AB314737	KOMAL AMOL WAHURWAGH	4	6	5	15
54	21AB314739	KOMAL KISAN CHAUDHARI	4	6	5	15
55	21AB314742	KRISHNA JAGANNATH SHUKLA	4	6	5	15
56	21AB314743	KRUSHNA ASHOK MUNDRAKHE	4	6	0	10
57	21AB314745	KRUTI PRAKASH KORADIA	4	6	5	15
58	21AB314746	KUSHAL NAMDEO RAUT	4	6	5	15
59	21AB314747	MADHUMITA YOGENDRA SUGANDI	4	6	10	20

60	21AB314749	MADHURI RAVINDRA GAWAI	4	6	5	15
61	21AB314751	MAHENDRA RATAN PANDE	4	6	0	10
62	21AB314752	MANASI JAYANT BHOKRE	4	6	5	15
63	21AB314753	MANAV SANJAY SONONE	4	6	5	15
64	21AB314760	MEENAKSHI NILKANTH INGLE	4	6	5	15
65	21AB314762	MILIND SURESH WANKHADE	4	6	5	15
66	21AB314763	MOHD SAADUR RAHMAN MOHD A	4	6	10	20
67	21AB314766	MOKSHADA RAMHARI PANDIT	4	6	5	15
68	21AB314767	MRUNAL KISHOR SAPDHARE	4	6	0	10
69	21AB314776	NAUKESH SUBHASH WANKHADE	4	6		10
70	21AB314782	NIKHIL VAIBHAV KOKATE	4	6	5	15
71	21AB314783	NIKITA CHANDU GAYDHANE	4	6	5	15
72	21AB314789	NIKITA SANJAY MUKE	4	6	10	20
73	21AB314790	NIKITA SHYAM CHAVHAN	4	6	5	15
74	21AB314791	NISHA ASHOK KALASKAR	4	6	5	15
75	21AB314796	OM VINOD WAKCHWARE	4	6	5	15
76	21AB314798	PANKAJ VINAYAK CHAVHAN	4	6	0	10
77	21AB314802	PAYAL SHIVAJI GHUGE	4	6	7	17
78	21AB314803	PIYUSH DHANRAJ KHANDARE	4	6	5	15
79	21AB314806	POOJA GAJANAN PAWAR	4	6	7	17
80	21AB314807	POOJA NANDKISHOR MOHANIK	4	6	5	15
81	21AB314808	POOJA NITIN NANDEKAR	4	6	7	17
82	21AB314809	POOJA SUNIL DESHMUKH	4	6	5	15
83	21AB314813	PRAJAKTA RAMKRUSHNA KHANDA	4	6	7	17
84	21AB314814	PRAJWAL RAMESHWAR POHARE	4	6	5	15
85	21AB314815	PRANALI AJAY GAWAI	4	6	0	10
86	21AB314817	PRANAV DINESH GUPTA	4	6	7	17
87	21AB314825	PRATHMESH PRASHANT PATHARKA	4	6	5	15
88	21AB314826	PRATHMESH VINOD WAKODKAR	4	6	5	15
89	21AB314827	PRATIDNYA SUNIL INGLE	4	6		10
90	21AB314828	PRATIK PRAKASH BAYASKAR	4	6	7	17
91	21AB314832	PRATI KSHA RAMBHAU TAYADE	4	6	5	15
92	21AB314834	PRERANA GAJANAN PAWAR	4	6	10	20
93	21AB314837	PUJA SHANKAR WADHE	4	6	5	15
94	21AB314838	PURVA ARUN ADHAO	4	6	7	17
95	21AB314839	PURVIN SUNIL BHALEKAR	4	6	5	15

96	21AB314841	RAJ SURESH GAWAI	4	6	5	15
97	21AB314843	RAKSHA RAMDAS MAHALLE	4	6	7	17
98	21AB314847	RAVINA ANIL TIVALE	4	6		10
100	21AB314856	ROSHAN DEVANAND GAWARGURL	4	6	5	15
101	21AB314857	ROSHAN VASUDEV ZALKE	4	6	0	10
102	21AB314858	RUPALI MAHENDRA THAKARE	4	6	7	17
103	21AB314860	RUSHIKESH GAJANAN KALE	4	6	5	15
104	21AB314862	RUTIKA PRADIP DHAWANE	4	6	5	15
105	21AB314867	SAGAR KASHIRAM BHATKAR	4	6	5	15
106	21AB314871	SAKSHI DILIP PUROHIT	4	6	5	15
107	21AB314872	SAKSHI DILIP TEKADE	4	6	10	20
108	21AB314874	SAKSHI DNYANSHWAR SHINDE	4	6	7	17
109	21AB314879	SAKSHI PRAVIN TULJAPURE	4	6	10	20
110	21AB314884	SAKSHI VINAYAK VAIRALE	4	6	5	15
111	21AB314885	SAKSHI VINOD POHARE	4	6	5	15
112	21AB314886	SAMIKSHA AMBADAS SHITRE	4	6	7	17
113	21AB314888	SAMIKSHA RAJESH AMODE	4	6	7	17
114	21AB314890	SAMRUDDHI CHANDRASHEKHAR JA	4	6	5	15
115	21AB314896	SANANDAN SUNIL DESHMUKH	4	6	7	17
116	21AB314898	SANJANA DIPAK SIRSAT	4	6	10	20
117	21AB314900	SANSKRUTI RAJENDRA JANGADE	4	6	7	17
118	21AB314903	SEJAL SANJAY WAR	4	6	10	20
119	21AB314904	SEJAL SHYAMRAO DESHMUKH	4	6	5	15
120	21AB314905	SHAIKH ASHRAF SHAIKH HANIF SHA	4	6	5	15
121	21AB314906	SHAIKH IRSHAD SHAIKH NISAR	4	6	5	15
122	21AB314910	SHANTANU VINOD TULJAPURE	4	6	5	15
123	21AB314912	SHASHVATI KIRANRAO DESHMUKH	4	6	10	20
124	21AB314926	SHEYA RAJENDRA DESHMUKH	4	6	0	10
125	21AB314915	SHITAL KALYAN RAUT	4	6	10	20
126	21AB314916	SHIVAM CHANDRAKANT LAKHE	4	6	0	10
127	21AB314917	SHIVAM DNYANESHWAR KAJE	4	6		10
128	21AB314918	SHIVAM MANIKARAO KALAMBE	4	6	5	15
129	21AB314919	SHIVAM PRAKASH DASANPURE	4	6	5	15
130	21AB314920	SHIVANI DILIP MATRE	4	6	5	15
131	21AB314927	SHREYA SANJAY SONONE	4	6	5	15
132	21AB314929	SHREYAS RAVINDRA JAMODKAR	4	6	5	15

133	21AB314934	SHRUTI ASHISH AMLEY	4	6	7	17
134	21AB314935	SHRUTI MOHAN TAYADE	4	6	5	15
135	21AB314941	SHWETA PRASHANT CHALISGAONK	4	6	5	15
136	21AB314948	SRUSHTI VASANTRAO BAYASKAR	4	6	5	15
137	21AB314949	SUJATA SANJAY GONDCHAWAR	4	6	7	17
138	21AB314950	SUMEDH BABARAO DONGRE	4	6	5	15
139	21AB314952	SUMIT DIGAMBAR MANKAR	4	6	5	15
140	21AB314953	SUMIT GHANSHYAM BANIYA	4	6	7	17
141	21AB314954	SUMIT KISHOR KHANIWALE	4	6	5	15
142	21AB314956	SURAJ KAILAS AGHADATE	4	6		10
143	21AB314959	SWARANJALI SUNIL GAWANDE	4	6	5	15
144	21AB314961	TEJAS DEVIDAS DAHANE	4	6	5	15
145	21AB314963	TEJASWINI BHASKAR DABERAO	4	6		10
146	21AB314966	TEJASWINI VIJAY AMBHORE	4	6	10	20
147	21AB314968	UTKARSH RAJENDRA DAMODAR	4	6	5	15
148	21AB314976	VAISHNAVI ARUN DESHMUKH	4	6	10	20
149	21AB314978	VAISHNAVI DATTA BHILKAR	4	6	5	15
150	21AB314979	VAISHNAVI DIGAMBAR KALE	4	6	5	15
151	21AB314974	VAISHNAVI NITIN MHAISANE	4	6	7	17
152	21AB314988	VAISHNAVI SANJAY JAGDHAN	4	6	7	17
153	21AB314994	VEDANTI RAHUL UJJANKAR	4	6	5	15
154	21AB314997	VIPUL GAJANAN GIRHE	4	6	5	15
155	21AB315004	VRUSHALI RAVI WANKHADE	4	6	7	17
157	21AB315008	YASH RAMESH GAVHALE	4	6	5	15
158	21AB315009	YASH SANDIP WAGHMARE	4	6	5	15
159	21AB315010	YASH SANJAY HAGONE	4	6	5	15
160	21AB315012	YOGITA MADHAV KAWARE	4	6	5	15
161	21AB315013	YOGITA RAMESHWAR METANGE	4	6	5	15


 HEAD OF THE DEPT.
 PHYSICS DEPARTMENT
 Shri R.L.T. College of Science
 Akola

Sant Gadge Baba Amravati University, Amravati Record of Internal assessment Marks (One Assignment per theory paper)

Class : B.Sc.-III (Sem-V) (Batch-P1 to P6 all) (Summer-2022)

Name of the College : Shri R.L.T. College of Science, Akola

Name of teacher : Shri Shalleah Jaiswal

Paper (with title) : 6S Physics (Statistical Mechanics and Solid State Physics)

Sr. No.	Name of the Student	Marks Awarded		
		Assignment / Project Assignment Max. Marks : 04	Seminar / GD / Study Tour / Industrial Visit / Visit to Educational Institutes / Research Organization / Field Work / Aptitude Test etc. Max. Marks : 06	Class Test Max. Marks : 10

Batch-P1

Sr. No.	Name of the Students	Assignmet (04)	Group Discussion (06)	Class Test (10)	Total (20)
1	Aditya Manik Wahurwagh	4	6	7	17
2	Aishwarya Ashok Tayade	4	6	10	20
3	Aishwarya Dilip Waskar	4	6	7	17
4	Aishwarya Girish Pathak	4	6	10	20
5	AMAR CHANDRABHAN KHANDARE	4	6	5	15
6	Damini Ganesh Wankhade	4	6	7	17
7	Gauri Ramesh Yenkar	4	6	7	17
8	Kunal Arvind Kirote	4	6	5	15
9	Kunal Kailas Khandare	4	6	5	15
10	Mayuri Mahadeo Ambuskar	4	6	5	15
11	Pragati Lakshman Mhasal	4	6	10	20
12	Pranoti Vijay Mahalle	4	6	10	20
13	Radhika Rajote	4	6	10	20
14	Shivam Ramrao Mankar	4	6	7	17
15	Sonali Ramesh Godwe	4	6	7	17
16	Sonlya p. Jaegid	4	6	10	20
17	Suyash Sanjay Mahajan	4	6	7	17
18	Valshavi gajanan mahalle	4	6	5	15

Batch-P2

Sl. No.	Name of the Students	Assignmet (04)	Group Discussion (06)	Class Test (10)	Total (20)
1	Abhishek Makode	4	6	7	17
2	Aishwarya SanjaySingh Rajput	4	6	7	17
3	AJAY SUBHASH WANKHADE	4	6	7	17
4	Aniket Ashok Kharde	4	6	7	17
5	Aparna Ganesh Rakhonde	4	6	10	20
6	Ashwini Purushottam Mavalkar	0	0	0	0
7	Aamita Pradip khandare	4	6	10	20
8	Atharva Sanjay Patharkar	4	6	7	17
9	Bhumika Santosh Thakare	4	6	7	17
10	Dipesh Gopal Giri	4	6	7	17
11	Gayatri Gajanan Kelamb	4	6	7	17
12	Gayatri Vinod Gite	4	6	5	15
13	Jaya sureshkumar mirani	4	6	10	20
14	Jaya Vasanta Navalkar	4	6	7	17
15	Kajal madhukar kale	4	6	5	15
16	Kehitveja Santosh Nakat	4	6	10	20
17	Mandar kale	4	6	5	15
18	Manoj rajendra chausalkar	4	6	5	15
19	Mohan Prakash Khadekar	4	6	7	17
20	Neha Suresh Chandon	4	6	10	20
21	Niranjan Santosh Chokte	4	6	7	17
22	Piyush Ganesh Bhirad	4	6	7	17
23	Pooja Shallesh Wandale	4	6	7	17
24	Prachi kisan chavhan	4	6	7	17
25	Prajakta Subhash Dhurde	4	6	10	20
26	Pranay Yogesh Kamble	4	6	7	17
27	Pranjali Rajesh Wahurwagh	4	6	7	17
28	Prerna Kukade	4	6	7	17
29	Ritika Chandrashakhar Wankhade	4	6	10	20
30	Rutwik Rajendra Katerkar	4	6	7	17
31	Sakshi Ananta tale	4	6	5	15
32	Sakshi Sanjay valesha	4	6	10	20

Sr. No.	Name of the Students	Assignmet (04)	Group Discussion (06)	Class Test (10)	Total (20)
33	Sanyukta Vijay Patil	4	6	7	17
34	Shivam Eknath Dhore	4	6	5	15
35	Shivani Kishor Gosavi	4	6	5	15
36	Sujata kishor nichal	4	6	10	20
37	Utkarsh Gajanan Wankhade	4	6	0	10
38	Vaishnavi puri	4	6	10	20
39	Vaishnavi shyam chavan	4	6	10	20
40	Vaishnavi sunil taram	4	6	5	15
41	Vidhi Ashok Kotak	4	6	7	17
Batch-P3					
1	Aditi Solanke	4	6	7	17
2	Anjali Tejrao Tayade	4	6	5	15
3	Ankit Uthas Ingle	4	6	5	15
4	Ankita Umesh Gote	4	6	7	17
5	Apoorva Harehadkumar Damodar	4	6	10	20
6	Arati Balu Ghate	4	6	10	20
7	Bharti manohar kalings	4	6	5	15
8	chaitanya arun nimbalkar	4	6	7	17
9	Diksha Pramod Londe	4	6	10	20
10	Kanchan Ramesh Sabale	4	6	7	17
11	NIKHIL ANIL KUTE	4	6	5	15
12	Nikhil Dinkar Raut	4	6	7	17
13	Nikhil ram Pitale	4	6	5	15
14	Nikhil Sitaram Yenkar	4	6	5	15
15	Poonam Tarasing Rathod	4	6	5	15
16	Prajwal Premanand Gangane	4	6	5	15
17	Priyanka Narendra Khete	4	6	7	17
18	Radhika Gopal Malokar	4	6	7	17
19	Ragini Sanjay khendare	4	6	0	10
20	Sakshi Rahul Patil	4	6	5	15
21	Sanket Nagre	4	6	5	15
22	Shraddha chandravachan kharat	4	6	5	15
23	Shraddha Mohod	4	6	7	17

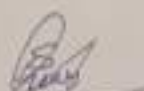
Sr. No.	Name of the Students	Assignmet (04)	Group Discussion (06)	Class Test (10)	Total (20)
24	Shrutika Gajanan Deshpande	4	6	10	20
25	Swapnil Ramesh Londe	4	6	5	15
26	Tanaya Bharati Apurva	4	6	7	17
27	Tejas Sanjay Patange	4	6	5	15
28	Vaishnavi Sanjay Tekade	4	6	5	15
29	VISHAKHA RAMESH LOKHANDE	4	6	5	15
30	Yaah Shrikant Jyale	4	6	5	15
Batch-P4					
1	Aishwarya Gajanan Tekade	4	6	5	15
2	Aishwarya Kavindra Deshmukh	4	6	5	15
3	Akansha umesh ingle	4	6	5	15
4	Ankita digambar sonone	4	6	10	20
5	Ankita nilkanth fukat	4	6	7	17
6	Anuja Raju Ingle	4	6	7	17
7	Apurva Pralhad Thakare	4	6	5	15
8	Arpita Anil Jadhao	4	6	10	20
9	ASHWINI ASHOK ARBAT	4	6	5	15
10	Ashwini Ramdas khekar,	4	6	5	15
11	Athorv Suresh Bhojane	4	6	5	15
12	chaitali Sanjay Ghogare	4	6	10	20
13	Dipali gajanan Ingle	4	6	7	17
14	Gauri subhash shegokar	4	6	7	17
15	Gauri Sunil Khadse	4	6	5	15
16	Hetal jadhav	4	6	10	20
17	Hrishikesh Shrikrishna Mankar	4	6	7	17
18	Isha gramod mudgal	4	6	10	20
19	Kalyani Ramesh Pakdhane	4	6	7	17
20	Karishma Rameshlal Panywani	4	6	10	20
21	Kavita Rajendra ingole	4	6	7	17
22	Khushi ganesh pali	4	6	5	15
23	Komal Vikas Dangat	4	6	10	20
24	Kunal prakash chondke	4	6	0	10
25	Madhuri manikrao sadar	4	6	5	15

Sr. No.	Name of the Students	Assignmet (04)	Group Discussion (06)	Class Test (10)	Total (20)
26	Mamta Santoshappa Khadakkar	4	6	10	20
27	Itayun Vijay Thakare	4	6	10	20
28	Megha sudhakar wazulkar	4	6	10	20
29	Menika Mahadev Tambode	4	6	10	20
30	Nikita mangesh tayade	4	6	10	20
31	Nitesh Ramesh Shirsat	4	6	5	15
32	Om Gejanan Dasa	4	6	7	17
33	Om vinayak shelar	4	6	5	15
34	PAVAN BHASKAR HISSAL	4	6	5	15
35	Pooja Diliprao Hatgaonkar	4	6	10	20
36	Pooja manoj rathi	4	6	10	20
37	Pragati Ajatroo Janjal	4	6	10	20
38	Prajakta prabhudas kale	4	6	10	20
39	Prathamesh Vinod Bende	4	6	5	15
40	Pratibha sumesh swarge	4	6	7	17
41	Purna Subhash more	4	6	10	20
42	Priya Shalendra Thakare	4	6	10	20
43	Priya Vishnu Kshirsagar	4	6	7	17
44	Priyanka Namdeo Shirsat	4	6	10	20
45	Priyanka Nidhane	4	6	7	17
46	Purva Jayant Mohol	4	6	5	15
47	Ramkumar Ambadas Rathod	4	6	5	15
48	Rashmi Sanjay Buleni	4	6	10	20
49	Rasika Rajesh Tihile	4	6	5	15
50	Revati kishor gawande	4	6	7	17
51	Riya Shalendra Thakare	4	6	10	20
52	ROHIT RAMESH SASANKAR	4	6	5	15
53	Roshan Ramesh Dandale	4	6	7	17
54	Rupali Haridas Laudkar	4	6	10	20
55	Sagar Ramchandra Chandan	4	6	5	15
56	Sakshi Ajay Surana	4	6	7	17
57	Sakshi Mahesh Tikal	4	6	10	20
58	Sakshi sanjay Gawande	4	6	10	20

Sr. No.	Name of the Students	Assignmet (04)	Group Discussion (06)	Class Test (10)	Total (20)
59	Sanjana sunil kamle	4	6	5	15
60	Sanket Gajanan Kadam	4	6	0	10
61	Sanket Mohan tayde	4	6	7	17
62	Shivani Nareesh surwade	4	6	10	20
63	Shraddha Bhagwan Ghogare	4	6	5	15
64	Shree Anil barshe	0	0	0	0
65	Sneha Gautam Chotee	4	6	7	17
66	Srushti Amol Wahurwagh	4	6	5	15
67	Taniya Gajanan sadanshiv	4	6	10	20
68	Tarun Rajesh Kanojlya	4	6	7	17
69	Utkarsh Sanjay Suley	4	6	5	15
70	Vaishnavi Ajabrao Katkhode	4	6	10	20
71	Vaishnavi Pandhari Chavhan	4	6	10	20
72	Vaishnavi Prakash Dange	4	6	10	20
73	VAISHNAVI RAHUL SHEGAONKAR	4	6	10	20
74	Vaishnavi Sureshprasad Dubey	4	6	10	20
75	Vaishnavi Vijay Pathak	4	6	10	20
76	Yash Vinod Suryawanshi	4	6	7	17
77	Yogita Ravindra Patil	4	6	7	17
Batch-P5					
1	Aachal tayde	4	6	7	17
2	Akshay Mohan ghule	4	6	5	15
3	Aniket ravindra deshमुख	4	6	5	15
4	Govind Ankush LIkhe	4	6	7	17
5	Mohit suresh Ambuskar	4	6	7	17
6	RANI SUBHASH ZARKHANDE	4	6	5	15
7	Rutuja Ravindra Jamodkar	4	6	7	17
8	Samruddhika Sunil Mohod	4	6	7	17
9	Sweety wankhade	4	6	10	20

Batch-P6

Sr. No.	Name of the Students	Assignmet (04)	Group Discussion (06)	Class Test (10)	Total (20)
1	Anand Parameshwar Bhakare	4	6	10	20
2	Gauri sanjay wakode	4	6	10	20
3	Harshada Anil Bhosari	4	6	5	15
4	Jayshree Gajanan Wasatkar	4	6	5	15
5	Kunal Suresh Yadav	4	6	10	20
6	Mandar sunil kalley	4	6	7	17
7	Pooja Prakash Ingole	4	6	10	20
8	Pratiksha Dnyaneshwar Chitliwant	4	6	10	20
9	Pratiksha vitthal pohokar	4	6	7	17
10	Puja Gajanan Pedhade	4	6	10	20
11	Sakshi Dilip Nanda	4	6	10	20
12	Soniksha Rajan Sharma	4	6	7	17
13	Shantanu Zakarde	4	6	7	17
14	Tanmay Anil Bonda	4	6	10	20
15	Valshnavi Purushottam Khanapure	4	6	10	20


Shri S. R. Jaiswal
Subject Teacher


HEAD OF THE
PHYSICS DEPARTMENT
Shri R.L.T. College Of Science
Akola

Shri RLT. College of Science, Akola

Department of Biochemistry

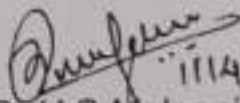
Important Notice for B.Sc (Internal Assessment)

(Winter 2021)

It is hereby informed to all students of **B.Sc. Biochemistry (B.Sc. I, B.Sc. II and B.Sc. III)** that, as a part of curriculum, department has organised following events for every class. It is mandatory for students to participate in allotted event, as it carries weightage in internal marks. Students who fail to participate in allotted event as per prescribed schedule will not get internal marks. Details of class wise events are as mentioned below.

Sr. No	Class	Event	Internal Marks	Teacher In charge
4.	B.Sc. I (Sem II)	Describe in brief, Importance of biochemical techniques in Biochemistry	08	Ms. M.M. Deshmukh
5.	B.Sc. II (Sem IV)	Project Assignment submission of Group discussion on topic Industrial applications of Enzyme.	10(6+4)	Mr. S.A. Toshniwal
6.	B.Sc. III (Sem VI)	Project Assignment submission of Group discussion on topic Immune response and Hypersensitivity	10(6+4)	Ms. D. R. Goyanka

All students need to submit Hard copy of assignment/essay on in department of Biochemistry/ Microbiology before 22nd April 2022.


11/4/22
Dr. H. S. Malgani
Asstt. Professor & Incharge
Head
Dept. of Biochemistry
Shri R.L.T. College of Science, Akola

Date: 11/04/2022

Shri RLT. College of Science, Akola

Department of Microbiology

Important Notice for B.Sc. (Internal Assessment)

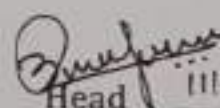
(Summer 2022)

It is hereby informed to all students of **B.Sc. Microbiology (B.Sc. I, B.Sc. II and B.Sc. III)** that, as a part of curriculum, department has organised following events for every class. It is mandatory for students to participate in allotted event, as it carries weightage in internal marks. Students who fail to participate in allotted event as per prescribed schedule will not get internal marks. Details of class wise events are as mentioned below.

Sr. No	Class	Event	Internal Marks	Teacher In charge
1	B.Sc. I (Sem II)	Describe in detail different types of RNA.	08	Ms. S. N. Gawande
2.	B.Sc. II (Sem IV)	Project Assignment submission of Group discussion on topic Vaccination: A boon to mankind.	10(6+4)	Dr. H.S. Malpani
3.	B.Sc. III (Sem VI)	Project Assignment submission of Group discussion on topic Industrially important microbes.	10(6+4)	Dr. H.S. Malpani/ Ms. S. N. Gawande

All students need to submit hard copy of assignment in department before 22nd April 2022 .

Date: 11/04/2022


Head 11/4/2022

Dr.H.S.Malpani
Asstt. Professor & Head
Dept. of Microbiology
Shri R.L.T. College of Science, Akola

Department of Physics

B.Sc. – III (Semester-VI)

Session-2021-2022

Notice

Schedule of Group Discussion and Submission of Project Assignments

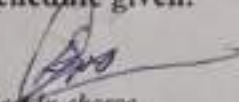
Sr. No.	Date	Time	Batches
1	04/04/2022 Monday	11:30 Am to 1:00 Pm	P1
		1:00 Pm to 3:00 Pm	P2
2	06/04/2022 Wednesday	11:30 Am to 1:30 Pm	P3
		1:30 Pm to 4:30 Pm	P4 (All Girls)
3	08/04/2022 Friday	11:30 Am to 1:00 Pm	P4 (All Boyes)
		1:00 Pm to 2:00 Pm	P5

Shri R.L.T. College of Science, Akola
Department of Physics
B.Sc. – III (Semester-VI)
Session-2021-2022
Topics for project

1. *Use of nanotechnology in the medical field.*
2. *Use of nanotechnology in space technology.*
3. *Application of superconductivity in generation and transmission of electric power.*
4. *Application of superconductivity in computers.*
5. *Methods of preparation of nanomaterials.*
6. *Application of carbon nanotubes.*
7. *Effect of temperature on conductors and semiconductors.*
8. *Various applications of nanotechnology in the Engineering fields.*
9. *History of nanotechnology.*
10. *Various uses of ferromagnetic materials.*
11. *Various uses of paramagnetic materials.*
12. *Different methods for growing crystal.*
13. *X-rays diffraction technique.*
14. *Transmission of electricity via different conducting materials*
15. *Use of crystallography in physics.*
16. *Introduction to condensed matter physics*
17. *Use of statistical mechanics in physics.*
18. *Magnetic Levitation.*
19. *Quantum Dots*
20. *Project on Hysteresis Curve*

Note:

1. Project assignment report should be 4 to 5 pages. (A4 size blank pages with the cover page)
2. Students are expecting to give viva on the project assignment.
3. The topics of project assignments are the same for the group discussion
4. Submit project assignment at the time of Group Discussion as per the schedule given.


Project In-charge
Prof. S. R. Jaiswal

8 March 2022

Notice

Project Assignment
B.Sc.-III, Sem-VI, Batch-B1,B3,P4

Dear Students of B.Sc.-III, Sem-VI,
Batch-B1,B3,P4 are hereby informed to
write the project assignment as per the
topic shown in front of your name in the list
provided herewith. You have to write the
assignment on the proforma given herewith
by taking the print of it. You have to write the
maximum three pages matter.

After writing the matter, you have to take
the photo of these pages and convert that
to PDF copy. You have to rename this PDF
copy with the name of yourself and submit
it to me on my mobile no. 9890770318 till
12.03.2022 through WhatsApp.

If you have any query regarding the project
assignment, please do phone call on
my phone no. 9890770318 or send the
WhatsApp message.

Note - Only PDF copy of project assignment
sent on my WhatsApp no. 9890770318 will
be accepted.

Dr. Pradip Deohate

9:10 am ✓

Assignment Topics 📎

9:14 am ✓

Dr. P. D. Deohate, Head,
Department of Chemistry,
Assignment Topics, B.Sc.-III (Sem-VI), 08/03/2022

Sl. No.	Topic of the assignment	Batch
1	Dr. Pradip Deohate	B1
2	Dr. Pradip Deohate	B3
3	Dr. Pradip Deohate	P4

PDF Assignment Topics (B.Sc.-III,...

5 pages • 69 kB • PDF

9:14 am ✓

Proforma / Pages 📎

9:15 am ✓

Dr. P. D. Deohate, Head,
Department of Chemistry,
Project Assignment
08/03/2022

PDF Project Assignment Proform...

3 pages • 82 kB • PDF

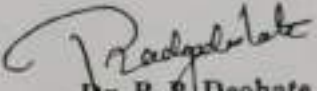
9:20 am ✓

Shri R.L.T. College of Science, Akola
Department of Chemistry
Assignment Topics, B.Sc.-III (Sem-VI) (2021-22)

Sr. No.	Name of the Student	Topic
Batch-B1		
1	Ms. Anushka Rameshwar Khande	X-Ray Crystallography
2	Ms. Apeksha Bhaskar Dandi	Water Splitting
3	Ms. Arpita Subhash Pophale	Water Based Polymers
4	Ms. Arpita Sudhakar Unhale	War Gases
5	Ms. Bhagyashri Prabhakar Lahane	UV-Visible Spectroscopy
6	Ms. Bhagyashri Sanjay Harne	Use of Isotopes in Medicines
7	Ms. Divya Vishnu Mule	Ultrasonic Spectroscopy for Material Synthesis
8	Ms. Gayatri Anil Tayade	Three Dimensional Aromaticity
9	Ms. Jyoti Parmanand Gwalani	Thallium Poisoning
10	Ms. Kalyani Vishnu Ingle	Sustainability of Ethanol and Other Biofuels
11	Ms. Kiran Gajanan Tarode	Supramolecular Chemistry
12	Ms. Komal Ashok Korkane	Supercritical Fluids
13	Ms. Komal Manojkumar Chandwani	Super Electrophiles
14	Ms. Komal Nitin Nimbulkar	Super Acids
15	Ms. Komal Vinod Bobade	Spectroscopic Techniques in Chemistry
16	Ms. Madhavi Devidas Chavan	Sonochemical Synthesis of Nano Particles
17	Ms. Mansi Sudhakar Borkar	Solvothermal Synthesis of Nano Particles
18	Ms. Mansi Vijay Galani	Solar Cells
19	Ms. Mayuri Ranjeet Deshmukh	Smart Glass
20	Ms. Nayana Ramesh Wakode	Singlet Oxygen
21	Ms. Nishigandha Rahul Mane	Renewable Energy Sources
22	Ms. Pallavi Gajanan Kalamb	Reducing Agents
23	Ms. Pallavi Sudam Chatarkar	Red Phosphorous as Catalyst
24	Ms. Pooja Sanjay Raut	Recycling of Plastics
25	Ms. Pranjal Pramod Shirsat	Recycling of Paper
26	Ms. Rachana Gajanan Kshirsagar	Radioactive Waste Management
27	Ms. Sakshi Mulchand Takrani	Quasicrystals
28	Ms. Sakshi Vinod Gawai	Q-Carbon
29	Ms. Samiksha Bharat Ingle	Photocatalysis
30	Ms. Sanskruti Vinod Ganoje	Photo Chemical Reactions
31	Ms. Shradhha Shivmangal Dongre	Ozone in Water Treatment
32	Ms. Shruti Shripad Deshmukh	Ozone - Protector or Polluter ?
33	Ms. Shrutika Shubhash Sawale	Oxidizing Agents
34	Ms. Sneha Siddharth Sirsat	Organocatalysis
35	Ms. Tanaya Gajanan Sane	Oils and Lubricants
36	Ms. Tejal Tejrao Patil	Nuclear Fuels
37	Ms. Tuba Urooj Mohd	Nanoparticle Synthesis

L67	Mr. Prathmesh Vinod Bende	Fullerenes
L68	Mr. Ramkumar Ambudas Rathod	Fullerene - Carbo Nano Material
L69	Mr. Rohit Ramesh Sasankar	Formulation Chemistry
L70	Mr. Roshan Ramesh Dandale	Food Poisoning
L71	Mr. Sagar Ramchandra Chandan	Flow Chemistry
L72	Mr. Sanket Gajanan Kadam	Explosive Detectors
L73	Mr. Sanket Mohan Tayade	Effects of Plastics Packaging on Food Stuffs
L74	Mr. Shree Anil Barshe	Crown Ethers
L75	Mr. Tarun Rajesh Kanojiya	Cosmochemistry
L76	Mr. Utkarsh Sanjay Suley	Cluster Chemistry
L77	Mr. Yash Vinod Suryawanshi	Click Chemistry

08.03.2022


Dr. P. P. Deohate
Associate Professor
Department of Chemistry

16 March 2022

Notice
Student's Seminar
B.Sc.-III, Sem-VI, Batch-B1,B3,P4

Dear Students
Due to short period of time, it is not possible to conduct the seminars in routine way. You are therefore informed to record the video of seminar of yourself on any topic related to the subject chemistry of about 3 to 5 minutes either by using the mobile or any other electronic device and send it to me.

You have to select the topic for seminar from syllabus of B.Sc.-III or any other available material, but it should be related to chemistry. You may take the simple, informative topics from chemistry in daily use or general chemistry. You may also give the seminar on your project assignment topic.

While recording the video, your face should be visible. At the beginning it is essential to mention your name, class, batch, topic etc. You may record the video using ppt. or just by explaining the matter orally.

After recording the video, you have to rename it with the name of yourself and your batch. Finally, send it to me on my mobile no. 9890770318 till 23.03.2022 through WhatsApp.

If you have any query regarding the recording of video, please do voice call on my phone no. 9890770318 or send the WhatsApp message.

Note - Video should not be of more than 5 minutes duration.

Dr. Pradip Deohate

12:39 pm ✓

Notice

B.Sc-III, Sem-VI
(2021-22)

Student's Seminar

Notice

B.Sc. III, Sem-V
(2021-22)

11 December 2021

Notice
Project Assignment
B.Sc.-III, Sem-V, Batch-B1,B3,P4

Dear Students of B.Sc.-III, Sem-V,
Batch-B1,B3,P4 are hereby informed to
write the project assignment as per the
topic shown in front of your name in the list
provided herewith. You have to write the
assignment on the proforma given herewith
by taking the print of it. You have to write the
maximum three pages matter.

After writing the matter, you have to take
the photo of these pages and convert that
to PDF copy. You have to rename this PDF
copy with the name of yourself and submit
it to me on my mobile no. 9890770318 till
15.12.2021 through WhatsApp.

If you have any query regarding the project
assignment, please do phone call on
my phone no. 9890770318 or send the
WhatsApp message.

Note - Only PDF copy of project assignment
sent on my WhatsApp no. 9890770318 will
be accepted.

Dr. Pradip Deohate

8:38 am ✓

Shri K.L.T. College of Science, Akola
Department of Chemistry
Assignment Topics, B.Sc.-III (Sem-V), (2021-22)

Sl. No.	Name of the Student	Batch No.	Topic
1	Mr. Pradip Deohate	Batch-B1	Organic Chemistry
2	Mr. Pradip Deohate	Batch-B3	Inorganic Chemistry
3	Mr. Pradip Deohate	Batch-P4	Physical Chemistry

PDF Assignment Topics (B.Sc.-III,...

5 pages · 69 kB · PDF 8:41 am ✓

Assignment Topics 8:42 am ✓

Proforma / Pages 8:42 am ✓

Shri K.L.T. College of Science, Akola
Department of Chemistry

Project Assignment
2021-22

PDF Project Assignment Proform...

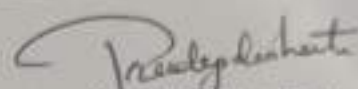
3 pages · 82 kB · PDF 8:43 am ✓

Shri R.L.T. College of Science, Akola
Department of Chemistry
Assignment Topics, B.Sc.-III (Sem-V) (2021-22)

Sr. No.	Name of the Student	Topic
Batch-B1		
L1	Ms. Anushka Rameshwar Khande	Acid Rain
L2	Ms. Apeksha Bhaskar Dandi	Anti-Cancer Drugs
L3	Ms. Arpita Subhash Pophale	Antimicrobial Polymers
L4	Ms. Arpita Sudhakar Unhale	Astrochemistry
L5	Ms. Bhagyashri Prabhakar Lahane	Biocatalysis
L6	Ms. Bhagyashri Sanjay Harne	Biocolours
L7	Ms. Divya Vishnu Mule	Biodegradable Polymers
L8	Ms. Gayatri Anil Tayade	Biodiesel
L9	Ms. Jyoti Parmanand Gwalani	Biofuels
L10	Ms. Kalyani Vishnu Ingle	Biomimetic Synthesis of Nano Particles
L11	Ms. Kiran Gajanan Tarode	Bio-Oxidation
L12	Ms. Komal Ashok Korkane	Biopolymers
L13	Ms. Komal Manojkumar Chandwani	Biosensors
L14	Ms. Komal Nitin Nimbalkar	BOD and COD of Water
L15	Ms. Komal Vinod Bobade	Buffer Solution
L16	Ms. Madhavi Devidas Chavan	C-13 NMR Spectroscopy
L17	Ms. Mansi Sudhakar Borkar	Carbon Allotropes
L18	Ms. Mansi Vijay Galani	Carbon Capture and Sequestration Technology
L19	Ms. Mayuri Ranjeet Deshmukh	Carbon Capture and Storage Technology
L20	Ms. Nayana Ramesh Wakode	Carbon Nanotubes
L21	Ms. Nishigandha Rahul Mane	Catalysis in Green Solvent Systems
L22	Ms. Pallavi Gajanan Kalamb	Chemical Additives in Food
L23	Ms. Pallavi Sudam Chatarkar	Chemical Lasers
L24	Ms. Pooja Sanjay Raut	Chemical Sensor
L25	Ms. Pranjal Pramod Shirsat	Chemical Weapons
L26	Ms. Rachana Gajanan Kshirsagar	Chemistry in Daily Life
L27	Ms. Sakshi Mulchand Takrani	Chemistry in Paints
L28	Ms. Sakshi Vinod Gawai	Chemistry of Coffee
L29	Ms. Samiksha Bharat Ingle	Chemistry of Diamonds
L30	Ms. Sanskruti Vinod Ganoje	Chemistry of Hypervalent Bonds
L31	Ms. Shradhha Shivmangal Dongre	Chemoinformatics
L32	Ms. Shruti Shripad Deshmukh	Chromatographic Techniques of Separation
L33	Ms. Shrutika Shubhash Sawale	Click Chemistry
L34	Ms. Sneha Siddharth Sirsat	Cluster Chemistry
L35	Ms. Tanaya Gajanan Sane	Cosmochemistry
L36	Ms. Tejal Tejrao Patil	Crown Ethers
L37	Ms. Tuba Urooj Mohd	Effects of Plastics Packaging on Food Stuffs

67	Mr. Prathmesh Vinod Bende	Modern Air Pollution Control Technologies
68	Mr. Ramkumar Ambadas Rathod	Modern Fibres
69	Mr. Rohit Ramesh Sasankar	Molecular Modelling
70	Mr. Roshan Ramesh Dandale	Nano Particle Synthesis by Co-Precipitation
71	Mr. Sagar Ramchandra Chandan	Nanochemistry
72	Mr. Sanket Gajanan Kadam	Nanomaterials for Photocatalysis
73	Mr. Sanket Mohan Tayade	Nanoparticle Synthesis
74	Mr. Shree Anil Barshe	Nuclear Fuels
75	Mr. Tarun Rajesh Kanojiya	Oils and Lubricants
76	Mr. Utkarsh Sanjay Suley	Organocatalysis
77	Mr. Yash Vinod Suryawanshi	Oxidizing Agents

10.12.2021


Dr. P. P. Deohate
 Associate Professor
 Department of Chemistry

NOTICE

Shri R.L.T. College of Science, Akola
Department of Zoology

Class: B.Sc. I (Sem-I) / Winter 2020-21

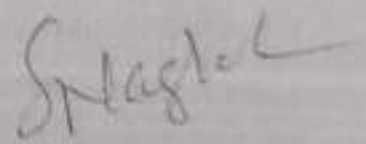
Incharge Teacher: Dr. Rashmi Joshi Sawalkar

Date: 05/12/2020

All the students of B.Sc. I / Sem I are hereby informed that the Assignment list for subject Zoology is uploaded today. The submission of assignment carries 08 marks for Internal Assessment out of 20 marks. Every student should complete and submit these copies before 25th of December 2020 to the teacher in-charge Dr. Rashmi Joshi Sawalkar.



In-charge Teacher
(Dr. Rashmi Joshi Sawalkar)



H.O.D.
Dept. of Zoology
Dr. S. M. Nagrale.

Shri R L T College of Science, Akola

Department of Computer Science / IT

(SESSION 2021-22)(Winter 2021)

NOTICE

All the student from **B.Sc. II (Sem-III)** and **B.Sc. III (Sem-V)** hereby inform that their seminar & project Report Format is given as follows, and **B.Sc. I (Sem-I)** Assignment Submission date given below.

SEMINAR SCHEDULE

Seminar will be held in Computer/IT LAB or Online Platform, Seminar Presentation schedule will be displayed in Class /Google Class Room **But** Before Submit Written Reports to Respective Sir/ Madam.

FORMAT FOR SEMINAR REPORT

- > FRONT PAGE
- > CERTIFICATE
- > TITLE
- > INDEX
- > INTRODUCTION
- > DESCRIPTION / EXAMPLE
- > APPLICATIONS / ADVANTAGES

(*Submit Written Seminars Report on A4 Pages)

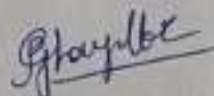
FORMAT FOR PROJECT REPORT IS AS FOLLOWS

- Front Page
- Certificate
- Title
- Index
- Abstract
- Introduction
- History
- Components
- Working / Technology / Definition / Methodology
- Features
- Advantages
- Disadvantages
- Applications
- Conclusion
- References

(* As possible as, cover above topics in Project Report)

Note:

- > Take Front page and Certificate from Department.
- > Write Both Reports on A4 size Pages.
- > Submission time is 1:00 to 3:30pm.
- > After submission sign on submission page.
- > Every Individual have to submit separate Reports.
- > Submit Assignment / Seminars / Projects Both Reports on or BEFORE 31- Dec-2021.



Asst. Prof. R. B. Ghayalkar
Department of Computer Science / IT

Shri R L T College of Science, Akola
Department of Computer Science / IT
(Session 2021-22)
(Summer-2022)

NOTICE
(Seminar (Group Discussion) & Project Submission)

All B.Sc. II & III (Computer Science and I. T.) Students here by inform that their Seminar & Project Assignment Topics are given in attached PDF file, and B.Sc. I (Sem-II) Assignment Submission date is 13-04-2022.

[Seminar / Group Discussion (6) + Project (4)=10 Marks]

Prepare Seminar (Group Discussion) Topics and present it as following Schedule.

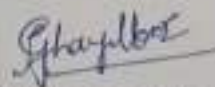
Also submit Seminar/ Group Discussion & Project Reports at the same time

Class	Batch	Time	Date
B.Sc. II (Sem-IV) (CPS)	P2 & P3	1:30pm	13-Apr-2022 (Saturday)
B.Sc. II (Sem-IV) (IT)	P5 & P6	2:30pm	13-Apr-2022 (Tuesday)
B.Sc. III (Sem-VI) (CPS)	P2 & P3	P2: 3:00pm P3: 2:15pm	16-Apr-2022 (Saturday)
B.Sc. III (Sem-VI) (IT)	P5 & P6	P5: 2:15pm P6: 1:30pm	12-Apr-2022 (Tuesday)

Format to Write Seminar/GD and Project & Submission

Note:

- Front Page write Details (separate for Seminar & Project)
- Then Certificate
- Then Index Page
- Then information about Seminar/GD (3-5 pages) / Project (7-10 pages) and then submit hardcopy of Seminar & Project separately in the department on given dates.
- Attach transparent sheet on top and bottom.
- Possibly write information on A4 size blank pages.



(Asst. Prof. R. B. Ghayalkar)
Department of Computer Science / IT

SANT GADGE BABA AMBAWATI UNIVERSITY
SPECIAL NOTE FOR INFORMATION OF THE STUDENTS

(1) Notwithstanding anything to the contrary, it is notified for general information and guidance of all concerned that a person, who has passed the qualifying examination and is eligible for admission only to the corresponding next higher examination as an ex-student or an external candidate, shall be examined in accordance with the syllabus of such next higher examination in force at the time of such examination in such subjects, papers or combination of papers in which students from University Departments or Colleges are to be examined by the University.

(2) Be it known to all the students desirous to take examinations for which this prospectus has been prescribed should, if found necessary for any other information regarding examinations etc. refer the University Ordinance Booklet the various conditions/provisions pertaining to examinations as prescribed in the following Ordinances-

Ordinance No. 1	:	Enrolment of Students.
Ordinance No.2	:	Admission of Students.
Ordinance No. 4	:	National Cadet Corps
Ordinance No. 6	:	Examination in General (relevant extracts)
Ordinance No. 18/2001	:	An Ordinance to provide grace marks for passing in a Head of Division (Higher Class) and getting Distinction in the subject and condonation of deficiency of marks in a subject in all the faculties prescribed by the Statute NO.18, Ordinance 2001.
Ordinance No.9	:	Conduct of Examinations (Relevant extracts)
Ordinance No.10	:	Providing for Exemptions and Compartments

Ordinance No. 19	:	Admission Candidates to Degrees
Ordinance No.109	:	Rectifying of a change of name of a University Student in the records of the University
Ordinance No.138	:	For improvement of Division
Ordinance No.19/2001	:	An Ordinance for Central Assessment Programme, Scheme of Evaluation and Moderation of answerbooks and preparation of results of the examinations, conducted by the University, Ordinance 2001.

Registrar
 Sant Gadge Baba Amravati University

- Note :**
1. There shall be only one theory paper of each science subject other than Mathematics for every semester.
 2. Distribution of marks of practical within the limit of Mks. Marks shall be as prescribed by the B.O.S. of the concerned subject.
 3. In absence of certificate for practical record book (Appendix-III), examinee shall not be allowed to appear for the practical examination.

Appendix-G

The internal assessment marks assigned to each theory paper as mentioned in Appendix-A to F shall be awarded on the basis of assignment, class test, attendance, project assignments, Seminar, Study tour, Industrial visit, Visit to educational institutions and research organization, field work, group discussion or any other innovative practice/activity. The marking scheme for each of the practice/activity shall be as under :-

Sr. No.	Semester	Practice Activity	Details of marking scheme	Total marks for		
				Language	Mathematics	Other Science Subjects
1	2	3	4	5	6	7
1	Semester I & II	Assignment	Two assignments per theory paper	04	02	08
2	Semester I & II	Class Test	Two class test (not passing test)	08	10	12
Total marks for Sem-I /II				10	15	20
3	Sem-III, IV, V & VI	Project Assignment	On Intern-developments in the subject in 100-200 words	—	03	04
4	Sem-III, IV, V & VI	Class Test	Two class test (not passing test)	—	08	10

1	2	3	4	5	6	7
5	Sem-III, IV, V & VI	Seminar, Study tour, Industrial visit, Visit to educational institutions, research organization, field work, group discussion or any other innovative practice activity	Any one of the activity with report of the activity	—	04	04
Total marks of Sem-III, IV, V, VI				—	15	20

- Note :**
1. The concerned teacher shall have to keep the record of all the above activities till the passing out of that batch.
 2. At the beginning of each semester, every teacher shall inform his/her students unambiguously the method he/she proposes to adopt a scheme of marking for the internal assessment.
 3. Teacher shall announce the schedule of activity for Internal Assessment in advance in consultation with HOD/Principal.
 4. Normally the teacher concerned may conduct three written tests spread periodically during the semester and award the marks on the test on passing of any two tests.
 5. The internal marks shall be displayed on the notice board before three weeks of the commencement of the theory examination. Grievances if any, of the student regarding Internal Assessment marks shall be settled by the Principal at college level in consultation with the concerned teacher.
 6. Final submission of internal marks to the University shall be before commencement of the theory examinations.

Examination Scheme under C.B.C.S. for the subject other than
Mathematics, Biotechnology and Computer Science in the
faculty of Science

M.Sc. Part-I

Semester-I

SA-Subject abbreviation; C-Core; E-Elective

Sr.No.	Paper / Code	Course	Theory				Practical		
			Max. Marks (Credits)	Min Pass Marks (Min. Grade Pt.)	Int. Ass. (Credits)	Min. Pass Marks (Min. Grade Pt.)	Th + Int. Ass. Min. Pass Mar (Grade Pt.)	Max. Marks (Credit)	Min. Marks (Min. Grade Point)
1	2	3	4	5	6	7	8	9	10
1	ISA-1	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	—	—
2	ISA-2	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	—	—
3	ISA-3	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	—	—
4	ISA-4	E	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	—	—
5	ISA-5	Lab-I	—	—	—	—	—	100 (01)	40 (04)
6	ISA-6	Lab-II	—	—	—	—	—	100 (01)	40 (04)

Total Marks : 600; Minimum Total Credits : 26

- Note :- (1) If the student has scored minimum marks or minimum grade points mentioned in Column No.8 out of the sum of total marks of theory and internal assessment taken together then he/she will be declared to have cleared with (04+01) 05 credits.
- (2) If the student has scored minimum marks or minimum grade points in either theory or in internal assessment then he/she will be declared to have cleared in that particular head.

Appendix-B

Examination Scheme under C.B.C.S. for the subject other than
Mathematics, Biotechnology and Computer Science in
the faculty of Science

M.Sc. Part-I

Semester-II

SA-Subject abbreviation; C-Core; E-Elective; GIC-General Interest Course

Sl.No.	Paper / Code	Course	Theory				Practical		
			Max. Marks (Credits)	Min. Pass Marks (Min. Grade Pt.)	Int. Ass. (Credits)	Min. Pass Marks (Min. Grade Pt.)	Th + Int. Ass. Min. Pass Mar (Grade Pt.)	Max. Marks (Credit)	Min. Marks (Min. Grade Point)
1	2	3	4	5	6	7	8	9	10
1	2SA-1	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	—	—
2	2SA-2	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	—	—
3	2SA-3	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	—	—
4	2SA-4 Or 2GIC-X	E and/or GIC	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	—	—
5	2SA-5	Lab-III	—	—	—	—	—	100 (03)	40 (04)
6	2SA-6	Lab-IV	—	—	—	—	—	100 (03)	40 (04)

Total Marks : 600; Minimum Total Credits : 26

- Note :- (1) If the student has scored minimum marks or minimum grade points mentioned in Column No.8 out of the sum of total marks of theory and internal assessment taken together then he/she will be declared to have cleared with (04+01) 05 credits.
- (2) If the student has scored minimum marks or minimum grade points in either theory or in internal assessment then he/she will be declared to have cleared in that particular head.

Examination Scheme under C.B.C.S. for the subject other than
Mathematics, Biotechnology and Computer Science
in the faculty of Science

M.Sc. Part-II

Semester-III

SA-Subject abbreviation; C-Core; E-Elective; GIC-General Interest Course

Sr.No.	Paper / Code	Course	Theory				Practical		
			Max. Marks (Credits)	Min Pass Marks (Min. Grade Pt.)	Int. Ass. (Credits)	Min. Pass Marks (Min. Grade Pt.)	Th + Int. Ass. Min. Pass Mar (Grade Pt.)	Max. Marks (Credit)	Min. Marks (Min. Grade Point)
1	2	3	4	5	6	7	8	9	10
1	3SA-1	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	—	—
2	3SA-2	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	—	—
3	3SA-3	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	—	—
4	3SA-4 Or 3GIC-Y	E and/or GIC	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	—	—
5	3SA-5	Lab-V	—	—	—	—	—	100 (03)	40 (04)
6	3SA-6	Lab-VI	—	—	—	—	—	100 (03)	40 (04)

Total Marks : 600; Minimum Total Credits : 26

- Note :- (1) If the student has scored minimum marks or minimum grade points mentioned in Column No.8 out of the sum of total marks of theory and internal assessment taken together then he/she will be declared to have cleared that (04+01) 05 credits.
- (2) If the student has scored minimum marks or minimum grade points in either theory or in internal assessment then he/she will be declared to have cleared in that particular head.

**Examination Scheme under C.B.C.S. for the subject other than
Mathematics, Biotechnology and Computer Science
in the faculty of Science**

**M.Sc. Part-II
Semester-IV**

SA-Subject abbreviation; C-Core, E-Elective; GIC-General Interest Course

Sr.No.	Paper / Code	Course	Theory				Practical		
			Max. Marks (Credits)	Min Pass Marks (Min. Grade Pt.)	Int. Ass. (Credits)	Min. Pass Marks (Min. Grade Pt.)	Th + Int. Ass. Min. Pass Mar (Grade Pt.)	Max. Marks (Credit)	Min. Marks mark (Min. Grade Point)
1	2	3	4	5	6	7	8	9	10
1	4SA-1	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	—	—
2	4SA-2	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	—	—
3	4SA-3	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	—	—
4	4SA-4 Or 4GIC-Z	E and/or GIC	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)	—	—
5	4SA-5	Lab-V	—	—	—	—	—	100 (03)	40 (04)
6	4SA-6	Project	—	—	—	—	—	100 (03)	40 (04)

Total Marks : 600; Minimum Total Credits : 26

- Note :-** (1) If the student has scored minimum marks or minimum grade points mentioned in Column No.8 out of the sum of total marks of theory and internal assessment taken together then he/she will be declared to have cleared with (04+01)05 credits.
- (2) If the student has scored minimum marks or minimum grade points in either theory or in internal assessment then he/she will be declared to have cleared in that particular head.

Examination Scheme under C.B.C.S. for the subject
Mathematics in the faculty of Science

M.Sc. Part-I
Semester-I

Sr.No.	Paper / Code	Course	Theory				
			Max. Marks (Credits)	Min Pass Marks (Min. Grade Pt.)	Int. Ass. (Credits)	Min. Pass Marks (Min. Grade Pt.)	Th + Int. Ass. Min. Pass Mar (Grade Pt.)
1	2	3	4	5	6	7	8
1	IMTH-1	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
2	IMTH-2	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
3	IMTH-3	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
4	IMTH-4	E	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
5	IMTH-5	E	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
			400 (20)		100 (05)		

Total Marks : 500; Total Credits : 25

- Note :- (1) If the student score Minimum Marks or Minimum Grade Points mentioned in Column No.8 out of the sum total marks of theory and internal assessment taken together then he/she will be declared to have clear (04+01) 05 credits.
- (2) If the student score Minimum Marks or Minimum Grade Points in either theory or internal assessment then he/she will be declared to have clear either of the head.

**Examination Scheme under C.B.C.S. for the subject
Mathematics in the faculty of Science**

**M.Sc. Part-I
Semester-II**

Sr.No.	Paper / Code	Course	Theory				
			Max. Marks (Credits)	Min Pass Marks (Min. Grade Pt.)	Int. Ass. (Credits)	Min. Pass Marks (Min. Grade Pt.)	Th + Int. Ass. Min. Pass Mar (Grade Pt.)
1	2	3	4	5	6	7	8
1	2MTH-1	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
2	2MTH-2	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
3	2MTH-3	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
4	2MTH-4	E	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
5	2MTH-5 and/or 2GIC-X	E and/or GIC	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
			400 (20)		100 (05)		

Total Marks : 500; Total Credits : 25

- Note :- (1) If the student score Minimum Marks or Minimum Grade Points mentioned in Column No.8 out of the sum total marks of theory and internal assessment taken together then he/she will be declared to have clear (04+01) 05 credits.
- (2) If the student score Minimum Marks or Minimum Grade Points in either theory or internal assessment then he/she will be declared to have clear either of the head.

Examination Scheme under C.B.C.S. for the subject
Mathematics in the faculty of Science

M.Sc. Part-II

Semester-III

Sr.No.	Paper / Code	Course	Theory				
			Max. Marks (Credits)	Min Pass Marks (Min. Grade Pt.)	Int. Ass. (Credits)	Min. Pass Marks (Min. Grade Pt.)	Th + Int. Ass. Min. Pass Mar (Grade Pt.)
1	2	3	4	5	6	7	8
1	3MTH-1	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
2	3MTH-2	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
3	3MTH-3	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
4	3MTH-4	E	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
5	3MTH-5 and/or 3GIC-Y	E and/or GIC	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
			400 (20)		100 (05)		

Total Marks : 500; Min. Total Credits : 25

- Note :- (1) If the student score Minimum Marks or Minimum Grade Points mentioned in Column No.8 out of the sum total marks of theory and internal assessment taken together then he/she will be declared to have clear (04+01) 05 credits.
- (2) If the student score Minimum Marks or Minimum Grade Points in either theory or internal assessment then he/she will be declared to have clear either of the head.

**Examination Scheme under C.B.C.S. for the subject
Mathematics in the faculty of Science**

**M.Sc. Part-I
Semester-IV**

Sr.No.	Paper/ Code	Course	Theory				
			Max. Marks (Credits)	Min Pass Marks (Min. Grade Pt)	Int. Ass. (Credits)	Min. Pass Marks (Min. Grade Pt)	Th + Int. Ass. Min.Pass Mar (Grade Pt)
1	2	3	4	5	6	7	8
1	4MTH-1	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
2	4MTH-2	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
3	4MTH-3	C	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
4	4MTH-4	E	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
5	4MTH-5 and/or 4GIC-2 and/or Project	E and/or GIC and/or Project	80 (04)	32 (04)	20 (01)	08 (04)	40 (04)
			400 (20)		100 (05)		

Total Marks : 500; Min.Total Credits : 25

- Note :-** (1) If the student score Minimum Marks or Minimum Grade Points mentioned in Column No.8 out of the sum total marks of theory and internal assessment taken together then he/she will be declared to have clear (04+01) 05 credits.
- (2) If the student score Minimum Marks or Minimum Grade Points in either theory or internal assessment then he/she will be declared to have clear either of the head.

Scheme of Teaching and Examination under C.B.C.S. for the subject Computer Science
M.Sc. (Computer) SEMESTER PATTERN
M.Sc. Part-I (SEMESTER-I)

L: Lectures, P: Practical, TU: Tutorial/Assignment, G.I.C. - General Interest Course, C-Comp

S N	Subject Code	Paper	Course	Hrs/ Week		Credits		Examination Scheme									
								Theory				Practical					
								T	TU	Theory	Practical	Paper Hrs	Max External Marks	Max Internal Marks	Total	Min Passing Grade Points	Max Marks Practical
1	IMCS-1	I	C	5	-	5	-	3 Hrs	100	-	100	40	4.00				
2	IMCS-2	II	C	5	-	5	-	3 Hrs	100	-	100	40	4.00				
3	IMCS-3	III	C	5	-	5	-	3 Hrs	100	-	100	40	4.00				
4	IMCS-4	IV	C	5	-	5	-	3 Hrs	100	-	100	40	4.00				
5	IMCS-5	V	C	5	-	5	-	3 Hrs	100	-	100	40	4.00				
6	IMCS-6	Lab-I	-	-	7	-	03	-	-	-	-	-	-				
7	IMCS-7	Lab-II	-	-	7	-	03	-	-	-	-	-	-	100	-	100	40 4.0
		Total		25	14	25	06							100	-	100	40 4.0

Total Credits: 40

Scheme of Teaching and Examination under C.B.C.S. for the subject Computer Science
M.Sc. (Computer) SEMESTER PATTERN
M.Sc. Part-I (SEMESTER-II)

L: Lectures, P: Practical, TU: Tutorial/Assignment, G.I.C. - General Interest Course, C-Comp

S N	Subject Code	Paper	Course	Hrs/ Week		Credits		Examination Scheme									
								Theory				Practical					
								T	TU	Theory	Practical	Paper Hrs	Max Theory	Max Internal	Total	Min Passing Grade Points	Max Marks Practical
1	2MCS-1	VI	C	5	-	5	-	3 Hrs	100	-	100	40	4.00				
2	2MCS-2	VII	C	5	-	5	-	3 Hrs	100	-	100	40	4.00				
3	2MCS-3	VIII	C	5	-	5	-	3 Hrs	100	-	100	40	4.00				
4	2MCS-4	IX	C	5	-	5	-	3 Hrs	100	-	100	40	4.00				
5	2MCS-5 (OR 201C-X)	X	E or GIC	5	-	5	-	3 Hrs	100	-	100	40	4.00				
6	2MCS-6	Lab-III	-	-	7	-	03	-	-	-	-	-	-	100	-	100	40 4.0
7	2MCS-7	Lab-IV	-	-	7	-	03	-	-	-	-	-	-	100	-	100	40 4.0
		Total		25	14	25	06							100	-	100	40 4.0

Total Credits: 40

Scheme of Teaching and Examination under C.B.C.S. for the subject Computer Science
M.Sc. (Computer) SEMESTER PATTERN
M.Sc. Part-II (SEMESTER-III)

Appendix-O

S/N	Subject Code	Paper	Course	Hrs/Week		Credits		Examination Scheme									
								Theory				Practical					
								T	W/TU	Theory	Pract.	Paper Hrs	Max Theory	Max Internal	Total	Min Passing Grade Points	Max Marks Practical
1	3MCS-1	XI	C	3	-	3	-	3 Hrs	100	-	100	40	4.00				
2	3MCS-2	XII	C	3	-	3	-	3 Hrs	100	-	100	40	4.00				
3	3MCS-3	XIII	C	3	-	3	-	3 Hrs	100	-	100	40	4.00				
4	3MCS-4	XIV	E	3	-	3	-	3 Hrs	100	-	100	40	4.00				
5	3MCS-5 Or 3GC-5	XV	E or GC	3	-	3	-	3 Hrs	100	-	100	40	4.00				
6	3MCS-6	Lab-V	-	-	3	-	03										
7	3MCS-7	Lab-VI	-	-	3	-	03							100	-	100	40 4.0
		Total		25	14	25	06							100	-	100	40 4.0

Total Credits: 35

Scheme of Teaching and Examination under C.B.C.S. for the subject Computer Science
M.Sc. (Computer) SEMESTER PATTERN
M.Sc. Part-II (SEMESTER-IV)

Appendix-P

S/N	Subject Code	Paper	Course	Hrs/Week		Credits		Examination Scheme									
								Theory				Practical					
								T	W/TU	Theory	Pract.	Paper Hrs	Max Theory	Max Internal	Total	Min Passing Grade Points	Max Marks Practical
1	4MCS-1	XVI	C	3	-	3	-	3 Hrs	100	-	100	40	4.00				
2	4MCS-2	XVII	C	3	-	3	-	3 Hrs	100	-	100	40	4.00				
3	4MCS-3 Or 4GC-3	XVIII	E or GC	3	-	3	-	3 Hrs	100	-	100	40	4.00				
4	4MCS-4	Lab-VII	-	-	3	-	03	4 Hrs	-	-	-	-	-	100	-	100	40 04
5	4MCS-5	Project	-	-	3	-	03+1							100	50	100	40 04
6	4MCS-6	Seminar	-	-	02	-	01+1							100	50	150	60 04
7	4MCS-7	Internal Assessment	-	06	-	02						40	4.00		50	50	50 04
		Total		23	14	13	11										

Total Credits: 35