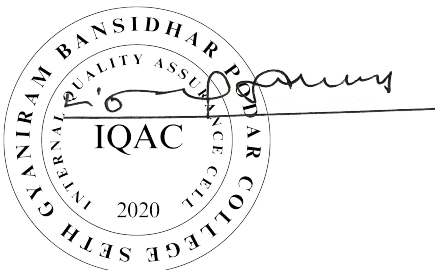




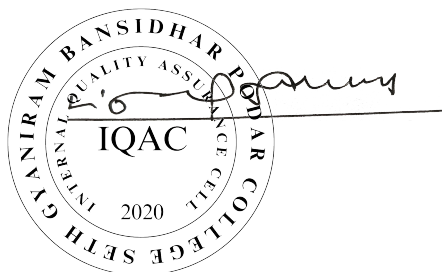
Seth Gyaniram Bansidhar Podar College, Nawalgarh

**Methodology with Examples used to Calculate the Attainment Levels
for CO, PO and PSO**



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Introduction

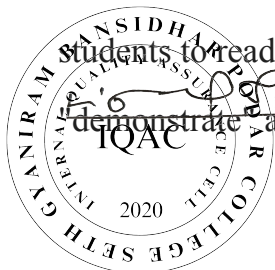
Seth Gyaniram Bansidhar Podar College (Seth G.B. Podar College) is dedicated to providing its students with a superior education that prepares them to thrive in their chosen fields. Outcome-Based Education (OBE) serves as the bedrock of our educational philosophy. This manual outlines the comprehensive OBE framework implemented at Seth G.B. Podar College, ensuring a well-defined and measurable learning experience for our students.

OBE emphasizes student learning outcomes, placing significance on the knowledge, skills, and attitudes students acquire throughout their academic journey. It underscores aligning these outcomes with the broader objectives of the program and the long-term aspirations for graduates. This manual delves into the core components of OBE at Seth G.B. Podar College, including Course Outcomes (COs), Program Outcomes (POs), Program Specific Outcomes (PSOs), and Program Educational Objectives (PEOs).

Course Outcomes (COs)

Course Outcomes (COs) represent the specific knowledge, skills, and abilities students are expected to gain upon completing a particular course. They are measurable statements that clearly articulate the desired learning outcomes. Seth G.B. Podar College emphasizes the following key aspects of COs:

- **Alignment:** COs are meticulously aligned with the relevant POs, PSOs, and PEOs. This ensures that all courses contribute to the broader educational goals of the program.
- **Measurability:** Each CO is expressed in measurable terms, allowing faculty and students to readily assess achievement. Verbs like "analyze," "design," "evaluate," or "demonstrate" are often used to describe the expected behavior or skill.



Specificity: COs are specific and focused, avoiding ambiguity. They clearly articulate the level of knowledge or skill students should possess by the course's end.

Developing COs requires a collaborative effort between faculty members within a program. The following steps guide the creation of effective COs:

1. **Review POs, PSOs, and PEOs:** Faculty begin by thoroughly reviewing the program's POs, PSOs, and PEOs to understand the broader learning objectives.
2. **Identify Key Course Concepts:** Faculty then identify the key concepts and skills they intend to impart in the course.
3. **Define Learning Objectives:** Based on the key concepts and skills, faculty define specific learning objectives that detail what students should be able to do by the end of the course.
4. **Formulate COs:** Finally, the learning objectives are transformed into measurable COs.

Examples of COs:

BSC I C2 Chemistry - II (Organic)

CO1. Explain mechanisms of organic reactions (bond cleavage, reagents, intermediates).

CO2. Identify and differentiate various types of isomerism.

CO3. Apply stereochemistry principles to chiral molecules (optical activity, diastereoisomers & resolution).

CO4. Analyze and interpret organic reaction mechanisms using various methods.

CO5. Understand fundamental Concepts preparation and reactions of cycloalkanes, dienes, and alkynes.

Program Outcomes (POs)

Program Outcomes (POs) represent the broad knowledge, skills, and abilities expected

of graduates upon completing their program at Seth G.B. Podar College. POs are

common across a specific program and independent of individual courses. They



reflect the overall educational goals of the program and align with the institution's PEOs.

Developing Program Outcomes:

The development of POs involves a comprehensive process that considers various stakeholders.

- **Industry Needs:** Faculty consult with industry experts and professionals to identify the essential skills and knowledge required for graduates to succeed in their chosen careers.
- **Professional Accreditation:** If a program seeks accreditation from a professional body, its POs must adhere to the accreditation criteria.
- **Graduate Employability:** POs are designed to ensure graduates are well-equipped for the job market and possess the necessary skills to contribute meaningfully to their fields.

Examples of POs:

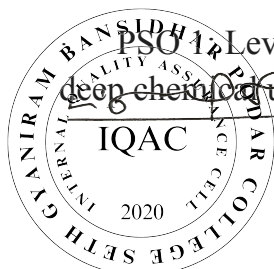
- PO 1: Fundamental chemical knowledge (atomic structure, bonding, thermodynamics, kinetics, spectroscopy, nuclear chemistry).
- PO 2: Organic chemistry skills (reaction mechanisms, isomerism, stereochemistry, aromatic chemistry).
- PO 3: Physical chemistry understanding (thermodynamics, kinetics, electrochemistry, colloids, crystallography).

Program Specific Outcomes (PSOs)

PSOs are formulated to ensure graduates possess a distinct edge in their chosen field compared to graduates from generic programs.

Examples of PSOs:

PSO 1: Leverage chemical knowledge for innovation: Graduates will apply their deep chemical understanding and practical skills to develop innovative solutions



across diverse fields, including materials science, pharmaceuticals, environmental science, and energy technology.

- **PSO 2: Translate science into practice:** Graduates will be proficient in translating scientific knowledge into tangible applications, working effectively in interdisciplinary teams, and communicating complex scientific concepts to various audiences, both technical and non-technical.

- **PSO 3: Ethical and sustainable impact:** Graduates will demonstrate a strong commitment to applying their knowledge for the betterment of society, incorporating ethical considerations, environmental awareness, and sustainable practices into their work.

- **Program Educational Objectives (PEOs)**

Program Educational Objectives (PEOs) represent the long-term aspirations for graduates of a program at Seth G.B. Podar College. PEOs describe the desired qualities, knowledge, and skills graduates will possess several years after completing their program. They reflect the college's broader vision for its graduates and their contributions to society.

Developing Program Educational Objectives:

The formulation of PEOs is a strategic process involving various stakeholders:

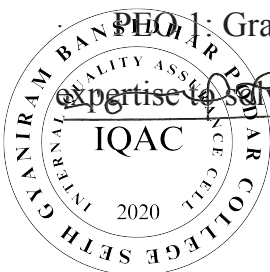
- **Faculty:** Faculty members provide the academic foundation for PEOs, ensuring alignment with program curriculum and learning outcomes.

- **Alumni:** Alumni feedback is crucial in understanding how well graduates are performing in their careers and how the program prepared them.

- **Employers:** Input from potential employers helps tailor PEOs to meet the evolving needs of the job market.

Examples of PEOs:

- **PEO 1:** Graduates will be successful engineers who can apply their technical expertise to solve real-world problems ethically and creatively.

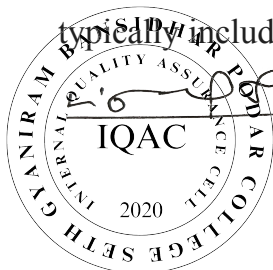


- PEO 2: Graduates will be effective communicators, critical thinkers, and lifelong learners who can contribute meaningfully to a globalized society. (All Programs)
- PEO 3: Graduates will demonstrate a strong sense of social responsibility and ethical conduct, becoming leaders who contribute positively to their communities. (All Programs)

Assessment Methods

Seth G.B. Podar College utilizes a combination of direct and indirect assessment methods to measure student attainment of COs, POs, PSOs, and PEOs. This multi-pronged approach provides a comprehensive picture of student learning and program effectiveness.

- **Direct Assessment (80% weightage):**
 - o **Internal Assessments :**
 - § The college conducts four internal assessments throughout the session
 - § These assessments can include various formats like:
 - § First Term Test (3 questions: 2 x 3 marks, 1 x 4 marks)
 - § Second Term Test (similar format)
 - § Third Term Test (similar format)
 - § Assignments, quizzes, projects, presentations, or practical examinations (depending on the course)
 - o **Pre-University Exam:**
 - § The pre-university exam serves as a comprehensive assessment at the end of the session.
 - § The format of the pre-university exam may vary depending on the course but typically includes questions designed to assess the achievement of COs.



- o **Threshold for all Assessments:** A minimum of 50% marks is considered the threshold for satisfactory performance in each assessment component.

- **Indirect Assessment (20% weightage):**

- o **Course/Program End Survey (20% weightage):**

- § Indirect assessment focuses on gauging the effectiveness of the program in nurturing broader skills and attitudes aligned with POs, PSOs, and PEOs.

- § Seth G.B. Podar College conducts course/program end surveys to gather student feedback on various aspects like:

- § The program's relevance to industry needs

- § The effectiveness of teaching methods in achieving COs

- § The development of critical thinking, problem-solving, and communication skills

- § The alignment of the program with the stated PEOs

Attainment Levels

To evaluate student performance and program effectiveness, Seth G.B. Podar College employs a three-tiered attainment level system:

- **Level 1 (50% - 60%): Meets Minimum Requirements**

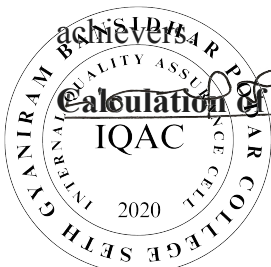
- o Students in this level demonstrate a basic understanding of the course content and achieve the minimum passing grade.

- **Level 2 (61% - 74%): Exceeds Minimum Requirements**

- o Students in this level exhibit a good grasp of the course content, demonstrating critical thinking and problem-solving skills beyond the minimum requirements.

- **Level 3 (75% and Above): Achieves Distinction**

- o Students in this level display a thorough understanding of the course material and the ability to apply knowledge creatively and independently. They are considered high



Calculation of PO and PSO Attainment

Direct Assessment:

The attainment of each PO and PSO is calculated based on the weighted average of the

attainment of the COs that contribute to it. The specific COs mapped to each PO and PSO are

documented in a Course Outcome Mapping Table (refer to Appendix A).

The formula for calculating PO and PSO attainment through direct assessment:

PO/PSO Attainment (%) = $(\Sigma (\text{CO Attainment} \times \text{CO Weightage})) / \text{Total Weightage}$

Data Analysis and Improvement

Seth G.B. Podar College faculty actively engages in data analysis and continuous improvement processes based on the assessment results.

- **Assessment Data Analysis:**

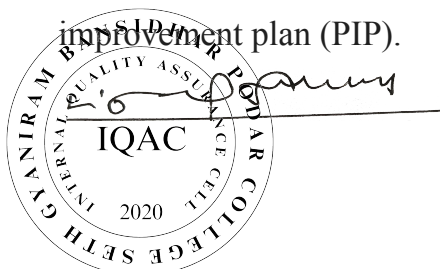
- o Faculty analyzes the assessment data (direct and indirect) for each course to identify areas where students are excelling and areas requiring improvement.
- o This analysis helps gauge the effectiveness of COs and teaching methods.

- **Curriculum Revision:**

- o Based on the analysis, faculty may recommend revisions to the course curriculum, COs, or teaching methods to enhance student learning outcomes.
- o Program-level committees review these recommendations and propose changes to the program structure or learning objectives if necessary.

- **Program Improvement Plan:**

- o The insights gleaned from assessment data are used to formulate a program improvement plan (PIP).



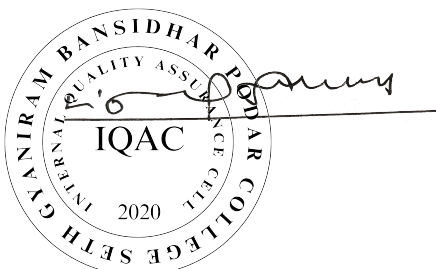
- o The PIP outlines specific actions and strategies for continuous improvement in the program's curriculum, delivery methods, and assessment practices.

Conclusion

Seth G.B. Podar College's Outcome-Based Education framework ensures a quality learning experience for students. By aligning COs, POs, PSOs, and PEOs, the college fosters the development of well-rounded graduates who are prepared to excel in their chosen fields. The emphasis on continuous assessment and data-driven improvement further strengthens the program's effectiveness in achieving its educational goals. This manual serves as a comprehensive guide for faculty members in implementing OBE principles and ensuring a transformative learning experience for Seth G.B. Podar College students.

Appendices

- 1. Sample of Result Analysis of Internal Assessment for the calculation of Attainment level**
- 2. Sample sheet of Attainment levels for CO, PO & PSO for UG**
- 3. Sample sheet of Attainment levels for CO, PO & PSO for UG**



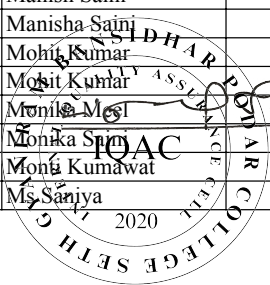


Seth Gyaniram Bansidhar Podar College, Nawalgarh

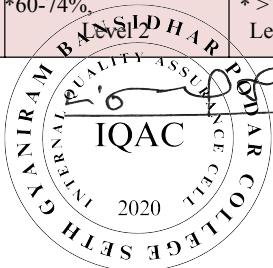
Analysis of Internal Assessment B.Sc.Chemistry 2022-23

Program Name :- B.Sc.Chemistry																
CourseName:- B.Sc. I Inorganic Chemistry																
S.No.	Name of Student	Questions	First Term Test			Second Term Test			Third Term Test			Pre- University Exam				
			1	2	3	1	2	3	1	2	3	1	2	3	4	5
		Blooms Taxonomy Level	L2	L2	L3	L3	L4	L4	L3	L4	L4	L2	L4	L5	L3	L5
		CO	CO 1	CO2	CO2	CO3	CO3	CO4	CO1	CO3	CO5	CO1	CO2	CO3	CO4	CO5
		Max Marks	3	3	4	3	3	4	3	3	4	20	20	20	20	20
		50%Marks														
1	Ajay Aalaharia		2.5	1.5	1	1	1	1	1.5	2	2	10	15	9	15	15
2	Akash Saini		2.5	2	3	2	3	2	3	2	3	17	15	17	16	18
3	Amit Bhaskar		2	2	3	1	3	1	2	3	3	16	18	9	16	18
4	Anisha Jangir		2.5	1	1	2	1	2	3	2	3	17	15	17	16	18
5	Anjali Saini		2	1.5	2	1	2	1	1.5	2	2	10	15	9	12	12
6	Ankit Kumar		2.5	1.5	2	2	2	2	1.5	2	1	10	17	9		10
7	Ankit Pathheer		2.5	2	3	1	3	1	3	2	3	17	9	17	16	18
8	Ankit Saini		2	2	3	2	3	2	2	3	3	16	17	9	16	18
9	Ankita Doot		2	1	1	1	1	1	3	2	3	17	16	17	16	18
10	Anu Jangid		2	1	2	2	2	2	2	2	2	10	17	9	12	8
11	Anu Verma		2	2	2	2	2	2	2	2	1	10	9	15	13	14
12	Anuj Saini		2	2	3	1	3	1	3	2	3	17	17	17	16	18
13	Deepak Saini		2	2	3	1	3	1	2	3	3	16	16	15	16	18
14	Deepika		2			2		2					17		14	
15	Divya			1	1	2	1	2	2	2	2	10	9	15	15	8
16	Hariom		2	2	3	2	3	2	3	2	3	17	17	17	16	18
17	Kamlesh Saini		2	1	3	2	3	2	2	3	3	16	16	15	16	18
18	Kapil Kumar		2			2		2					17		8	
19	Karan Jangir			2	2	2	2	2	2	2	2	10	9	15	8	8
20	Karan Saini		2	2	3	2	3	2	3	2	3	17	9	17	15	18
21	Lokendra Singh		2	2	3	2	3	2	2	3	3	16	17	15	16	18
22	Lokesh Kumar		2			2		2					16		13	
23	Monika			2	1	2	1	2	1	2	2	10	17	15	8	14
24	Ms.Muskan Saini		2	2	3	2	3	2	3	2	3	17	9	17	16	18
25	Ms.Palak Saini		2	2	3	2	3	2	3	3	3	16	9	15	16	18
26	Ms.Priya Kumari		2	2	1	2	1	2	1	2	3	17	17	17	16	18
27	Ms.Radhika Kanwar		2	1.5	2	2	2	2	2	2	1	10	16	15	12	8
28	Muskan Chouhan		2.5	1.5	2	2	2	2	2	2	1	10	17	15	8	13
29	Naresha Kumari Saini		2.5	2	3	2	3	2	3	2	3	17	9	17	16	18
30	Neetu Saini		2	2	3	2	3	2	3	3	3	16	9	15	16	18
31	Neha		2	2	1	2	1	2	1	2	3	17	17	17	16	18
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33	Nidhi		2	2	2	2	2	3	2	2	3	17		17	16	18
34	Nikita		2	2	3	2	3	3	3	3	3	16	9	15	16	18
35	Pintu Kumar		2.5		3	2			3				17		8	
36	Pooja Gujarati			1.5	2	1	2	2		2	2	9	16	15	10	12
37	Priya Saini		2.5	2	3	2	2	3	1	2	3	17		17	16	18
38	Rahina Bano		2	2	3	1	3	3	3	3	3	16	9	15	16	18
39	Rahul Kumar		2			2			3				17			
40	Reena Godara			2	1	2	2	1		2	3	17	16	17	16	18
41	Reena Jangir		2	2	3	1	2	3	2	2	2	9		15	12	11
42	Rinku Saini		2	2	3	2	3	3	3	3	3	16	9	15	16	18
43	Sachin Kumar Swami		2.5	2	1	2	2	1	3	2	3	17	17	17	16	18
44	Sakshi Saini		2	1.5	2	1	2	2		2	1	9	16	15	8	10
45	Sonu Saini		2.5	1.5	2	1	2	2	1	2	2	9	17	15	12	12
46	Sumit Kumar Saini		2.5	2	3	2	2	3	3	2	3	17	9	17	16	18
47	Sunil Kumar		2	2	3	2	3	3	3	3	3	16	9	15	16	18
48	Swati Sharma		2.5	2	1	2	2	1	1	2	3	17	17	17	16	18
49	Tanu Kumari		2	1.5	2	2	2	2	2	2	2	9	16	9	10	8
50	Urvashi		2.5	2	2	2	2	2	2	2	3	17	17	17	16	18
51	Vijay Kumar			2	3	3	3	3	3	3	3	16	9	9	16	18
52	Vijay Kumar Dhaka				3			3					17			
53	Aakash Saini		2.5	1.5	2	2	2		1	2	1	9	16	9	14	8
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63	Aditya Sharma		2	2	2	2	2	2	1	1	3	17	15	17	16	18
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65	Ajay		2	2	3	2	2	3	3	1	3	17	15	17	16	18
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67	Ajay Pal Singh		1	2	1	2	2	2	2	1	3	17	15	17	16	18
68	Akash Muhal		1	1	2	2	2	2	2	2	2	9	15	9	13	8
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72	Anisha		2	1	3	2	2	1	2	1	3	17	15	17	16	18
73	Anjali Saini		2	2	2	2	2	3	2	1	2	9	15	9	8	8
74	Ankit			2	3	2	2	3	3	2	3	17	15	17	16	18
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82	Anurag Saini			2	3	3	3	3	3	2	3	16	18	9	16	18
83	Arpit Mitharwal		1	2	1	2	2	1	3	2	3	17	15	17	16	18
84	Ashish Kumar		2	2	2	3	3	2		2	3	16	18	9	16	18
85	Ashish Kumawat		2	2	2	2	2	2	1	2	3	17	15	17	16	18
86	Avesh Qureshi		2	2	3	3	3	3	3	2	3	16	18	15	16	18
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90	Bunty Jangid		1	2	3	3	3	3	2	2	3	16	18	15	16	18
91	Chanchal Garhwal		2	1	2	2	2	2	3	2	1	9	15	15		8
92	Chanchal Nehra		1	2	3	2	2	3	3	1	3	17	15	17	16	18
93	Chandan Saini		1	2	3	3	3	3	1	2	3	16	18	15	16	18
94	Devendra Dhinwa		2	2	1	2	2	3	2	2	3	17	15	17	16	18
95	Dinesh Kumar			1	3	3	3	3	2	2	3	16	18	15	16	18
96	Gagan		2	2	1	2	2	3	3	1	3	17	15	17	16	18
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103	Jagrat Deepak Bansilal		2	1	3	3	3	3	2	2	3	16	18	15	16	18
104	Jaswant Sarawag		1	1	1	2	2	3	3	1	3	17	15	17	16	18
105	Jitendra Meel		2	2	2	2	2	2	1	1	2	9	15	15	8	8
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114	Manish Jangir		1		3	3	3	3	3	2	3	16	18	15	16	14
115	Manish Saini		2	2	2	2	2	2	3	1	2	9	15	15	8	11
116	Manisha Saini		2	2	3	2	2	3	1	1	3	17	15	17	16	14
117	Mohit Kumar			2	3	3	3	3	2	2	3	16	18	15	16	14
118	Mohit Kumar				3	3	3	3	2	2	3	16	18	15	16	14
119	Monika Meel		1	1	3	2	2	3	3	2	3	17	15	17	16	14
120	Monika Saini		2	2	2	2	2	2	3	2	2	9	15	15	14	8
121	Moni Kumawat			2	3	2	2	3		2	3	17	15	17	16	14
122	Ms. Sanjya		2	2	3	3	3	3	1	2	3	16	18	15	16	14



123	Ms.Antim Saini		2	2	1	2	2	3	3	2	3	17	15	17	16	14
124	Ms.Anu Kumari Jagarwal		2	1	1	2	2	2	3	2	1	9	15	15	13	8
125	Ms.Komal Saini			2	3	2	2	3		2	3	17	15	17	16	14
126	Ms.Ritika Lakhmara		1	2	1	3	3	1	2	2	3	16	18	15	16	14
127	Ms.Tamanna Jangir		2	2	3	2	2	3	3	2	3	17	15	17	16	14
128	Mukesh Kumar		2	1	2	2	2	3	3	2	2	9	15	15	12	8
129	Mukesh Kumar		2	2	1	2	2	1		2	3	17	15	17	16	14
130	Narendra Kumar		2	2	3	3	3	2	1	2	3	16	18	15	16	14
131	Naveen Kumar		2	2	1	1	2	2	3	2	3	17	15	17	16	14
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133	Naveen Kumar		1	2	3	2	2	3	1	2	3	17	15	17	16	14
134	Naveen Kumar		2	2	3	2	3	1	2	2	3	16	18	15	16	14
135	Nayan Kumar Dhaka		1	2	3	2	2	2	2	1	3	17	15	17	16	14
136	Nikhil Jakhar		1	1	2	2	2	2	3	2	2	9	15	15	12	8
137	Nikhil Jangir		2	1	2	2	2	3	3	2	2	9	15	9	8	8
138	Nisha			2	3	1	2	3	1	2	3	17	15	17	16	14
139	Nishant		2	2	3	2	3		2	1	3	16	18	9	16	14
140	Nitesh		1	2	3	1	2	1	3	2	3	17	15	17	16	14
141	Nitish Jakhar		2	1	2	1	2	3	2	1	1	9	15	9	8	8
142	Piyush Soni		2	1	2	2	2	3	2	2	2	9	15	9	12	8
143	Prateek Sharma		2	2	3	2	2		3	2	3	17	15	17	16	14
144	Prince Kumar		1	2	3	3	3	2	2	1	3	16	18	9	16	14
145	Priyanshu Sogan		1	2	3	2	2	3	3	2	3	17	15	17	16	14
146	Pushpendra Kumar		2	2	2	2	2	3	2	2	2	9	15	9	13	8
147	Rahul		2	2	2	2	2		2	1	2	9	15	9	14	8
148	Rahul Jangir		1	2	3	2	2	1	3	1	3	17	15	17	16	14
149	Rahul Kumawat		2	2	3	3	3	3	2	2	3	16	18	9	16	14
150	Rajkumar Dhaka		2					3		2						
151	Ravina Kumari Saini			1	2	2	2	1	2	2	1	9	15	9	15	8
152	Rishabh Poonia		2	2	3	2	2	2	3	2	3	17	15	17	16	14
153	Ritika		1	1	3	3	3	2	2	2	3	16	18	9	16	14
154	Riya Gadaiya		2					3								
155	Rohit Choudhary			2	2	2	2	3	2	2	2	9	15	9	10	8
156	Sameer Sarawag		2	2	3	2	2	1	3	2	3	17	15	17	16	14
157	Satyaveer Singh Rathore		2	2	3	3	3	2	2	3	3	16	18	9	16	14
158	Satyendra Saini		2													
159	Saurabh Saini			2	2	2	2	2	2	2	2	9	15	9	10	8
160	Savita Kumari		1	2	3	2	2	3	3	2	3	17	15	17	16	14
161	Shashikant Poonia		2	2	3	1	3	3	2	3	3	16	18	9	16	14
162	Shubham		2	2	3	2	2	3	3	2	3	17	15	17	16	14
163	Sonam		2	1	2	2	2	2	2	2	1	9	15	9		8
164	Sonu Jangir		2	2	2	2	2	2	2	2	2	9	15	9	9	8
165	Sonu Saini		2	2	3	2	2	3	3	2	3	17	15	17	16	14
166	Surya Prakash		2	1	3	2	3	3	2	3	3	16	18	9	16	14
167	Tarun Singh		1	2	3	2	2	3	3	2	3	17	15	17	16	14
168	Vijay Kumar		2	2	2	1	2	2	2	2	2	9	15	9	8	8
169	Vikas Jangir		1	1	3	2	2	3	3	2	3	17	15	17	16	14
170	Vikash Kumar		1	1	3	1	3	3	2	3	3	16	18	9	16	14
171	Vikash Kumar		2			1										
172	Vikash Surela			1	2	2	2	2	2	2	2	9	15	9	10	8
173	Vineeta		2	2	3	2	2	3	3	2	3	17	15	17	16	14
174	Yogesh Khatod		1	1	3	3	3	3	2	3	3	16	18	9	16	14
175	Yogesh Sanodia		2													
176	Yogita Soni			1	3	2	2	3	3	2	3	17	15	17	16	14
177	Yudhister Jangid		2	2	2	2	2	2	2	2	2	9	15	9	10	8
Students Achieved the Threshold level			125	126	143	151	159	138	138	145	151	130	150	118	149	131
Total No. of Students			177	177	177	177	177	177	177	177	177	177	177	177	177	177
% Students Achieved the Threshold level			70.62	71.19	80.79	85.31	89.83	77.97	77.97	81.92	85.31	73.45	84.75	66.67	84.18	74.01
CO Level																
* 50-60%, Level 1	*60-74%, Level 2	* >74%, Level 3	Level 2	Level 2	Level 3	Level 3	Level 3	Level 3	Level 3	Level 3	Level 3	Level 2	Level 3	Level 2	Level 3	Level 3

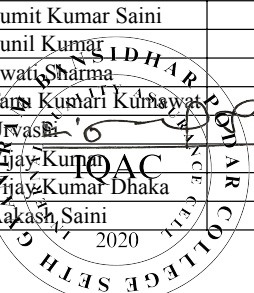




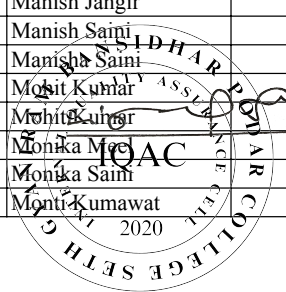
Seth Gyaniram Bansidhar Podar College, Nawalgarh

Analysis of Internal Assessment B.Sc.Chemistry 2022-23

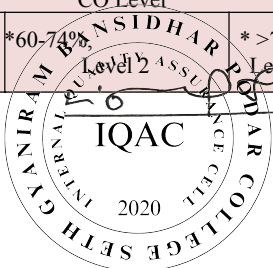
Program Name :- B.Sc.Chemistry																
CourseName:- B.Sc. OrganicChemistry																
S.No.	Name of Student	Blooms Taxonomy Level	First Term Test			Second Term Test			Third Term Test			Pre- University Exam				
			1	2	3	1	2	3	1	2	3	1	2	3	4	5
		CO	CO 1	CO2	CO2	CO3	CO3	CO4	CO1	CO3	CO5	CO1	CO2	CO3	CO4	CO5
		Max Marks	3	3	4	3	3	4	3	3	4	20	20	20	20	20
		50%Marks														
1	Ajay Aalaharia		1	1	2.5	1.5	2.5	2.5	1	1.5	1	9	12	15	14	15
2	Akash Saini		3	2	2.5	2	2.5	2.5	3	2	2	17	16	15	8	16
3	Amit Bhaskar		3	1	2	2	2	2	3	2	1	9	16	18	14	16
4	Anisha Jangir		1	2	2.5	1	2.5	2.5	1	1	2	17	16	15	14	16
5	Anjali Saini		2	1	2	1.5	2	2	2	1.5	1	9	13	15	14	12
6	Ankit Kumar		2	2	2.5	1.5	2.5	2.5	2	1.5	2	9	14	17	8	
7	Ankit Pathheer		3	1	2.5	2	2.5	2.5	3	2	1	17	16	9	8	16
8	Ankit Saini		3	2	2	2	2	2	3	2	2	9	16	17	14	16
9	Ankita Doot		1	1	2	1	2	2	1	1	1	17		16	14	16
10	Anu Jangid		2	2	2	1	2	2	2	1	2	9	15	17	14	12
11	Anu Verma		2	2	2	2	2	2	2	2	2	15	16	9	8	13
12	Anuj Saini		3	1	2	2	2	2	3	2	1	17	16	17	8	16
13	Deepak Saini		3	1	2	2	2	2	3	2	1	15		16	14	16
14	Deepika			2	2		2	2			2		10	17	14	14
15	Divya		1	2		1			1	1	2	15	16	9	14	15
16	Hariom		3	2	2	2	2	2	3	2	2	17	16	17	8	16
17	Kamlesh Saini		3	2	2	1	2	2	3	1	2	15		16	8	16
18	Kapil Kumar			2	2		2	2			2		10	17	14	8
19	Karan Jangir		2	2		2			2	2	2	15	16	9	14	8
20	Karan Saini		3	2	2	2	2	2	3	2	2	17	16	9		15
21	Lokendra Singh		3	2	2	2	2	2	3	2	2	15	16	17	8	16
22	Lokesh Kumar			2	2		2	2			2			16	14	13
23	Monika		1	2		2			1	2	2	15	9	17	14	8
24	Ms.Muskan Saini		3	2	2	2	2	2	3	2	2	17	16	9		16
25	Ms.Palak Saini		3	2	2	2	2	2	3	2	2	15	16	9	8	16
26	Ms.Priya Kumari		1	2	2	2	2	2	1	2	2	17	16	17	14	16
27	Ms.Radhika Kanwar		2	2	2	1.5	2	2	2	1.5	2	15	8	16	14	12
28	Muskan Chouhan		2	2	2.5	1.5	2.5	2.5	2	1.5	2	15	16	17		8
29	Naresha Kumari Saini		3	2	2.5	2	2.5	2.5	3	2	2	17	16	9	8	16
30	Neetu Saini		3	2	2	2	2	2	3	2	2	15		9	14	16
31	Neha		1	2	2	2	2	2	1	2	2	17	10	17	14	16
32	Neha Verma		2	1	2	1.5	2	2	2	1.5	1	15	16	16	14	10
33	Nidhi		2	2	2	2	2	2	2	2	2	17	16		8	16
34	Nikita		3	2	2	2	2	2	3	2	2	15		9	8	16
35	Pintu Kumar		3	2	2.5		2.5	2.5	3		2		16	17	14	8
36	Pooja Gujarati		2	1		1.5			2	1.5	1	15	10	16	14	10
37	Priya Saini		3	2	2.5	2	2.5	2.5	3	2	2	17	17		14	16
38	Rahina Bano		3	1	2	2	2	2	3	2	1	15	15	9	8	16
39	Rahul Kumar			2	2		2	2			2		17	17	14	
40	Reena Godara		1	2		2			1	2	2	17	15	16	14	16
41	Reena Jangir		3	1	2	2	2	2	3	3	1	15	17			12
42	Rinku Saini		3	2	2	2	2	3	3	3	2	15	15	9	8	16
43	Sachin Kumar Swami		1	2	2.5	2	2.5	1	1	1	2	17	9	17	14	16
44	Sakshi Saini		2	1	2	1.5	2	2	2	2	1	15	17	16	14	8
45	Sonu Saini		2	1	2.5	1.5	2.5	2	2	2	1	15	9	17		12
46	Sumit Kumar Saini		3	2	2.5	2	2.5	3	3	3	2	17	17	9	14	16
47	Sunil Kumar		3	2	2	2	2	3	3	3	2	15	9	9	8	16
48	Swati Sharma		1	2	2.5	2	2.5	1	1	1	2	15	9	17	18	16
49	Tamara Kumari Kumawat			2	2	1.5	2	2	2	2	2	17	17	16	8	10
50	Urvashi		2	2	2.5	2	2.5	2	2	2	2	15	9	17	18	16
51	Vijay Kumar		3	3	2	2	2	3	3	3	3	17	17	9	18	16
52	Vijay Kumar Dhaka		3					3	3	3		15	9	17		
53	Aakash Saini		2	2	2.5	1.5	2.5	2	2	2	2	17	9	16	8	14



54	Aakash Saini		3	2	2.5	2	2.5	3	3	3	2	15	17		18	16
55	Aakriti Sharma		3	3	2	2	2	3	3	3	3	17	9	9	18	16
56	Aaryan		2	2	2.5	1.5	2.5	2	2	2	2	15		17	8	14
57	Abhishek		3	2	2.5	2	2.5	3	3	3	2	17	9	16	18	16
58	Abhishek Dotasara		3	3	2	2	2	3	3	3	3	15	17		18	16
59	Abhishek Goswami		1	2	1	2	1	1	1	1	2	17	9	17	18	16
60	Abhishek Rolan		3	2	2	1	2	3	3	3	2	15		9	8	9
61	Aditya		3	2	1	2	1	3	3	3	2	17	9	15	18	16
62	Aditya Jhajharia		1	3	2	1	2	1	1	1	3	15	17	18	18	16
63	Aditya Sharma		2	2	2	2	2	2	2	2	2	15	9	15	18	16
64	Aditya Singh Rao		2	2	1	1	1	2	2	2	2	17		15	8	8
65	Ajay		3	2	2	2	2	3	3	3	2	15	9	15	18	16
66	Ajay Kumar Saini		3	3	2	1	2	3	3	3	3	17	17	18	18	16
67	Ajay Pal Singh		1	2	1	2	1	1	1	1	2	15	9	15	18	16
68	Akash Muhal		2	2	1	1	1	2	2	2	2	15	17	15	8	13
69	Amisha		2	2	2	2	2	2	2	2	2	17	9	15	18	16
70	Amit Singh		3	3	2	2	2	3	3	3	3	15	9	18	18	16
71	Anamol Saini		3	2	1	1	1	3	3	3	2	15	17	15	8	8
72	Anisha		3	2	2	1	2	3	3	3	2	17	9	15	18	16
73	Anjali Saini		2	2	2	2	2	2	2	2	2	15	17	15	8	8
74	Ankit		3	2		2		3	3	3	2	17	9	15	18	16
75	Ankit Kumar		1	3	2	2	2	1	1	1	3	15	17	18	18	16
76	Ankit Kumar Doot		3	2	1	2	1	3	3	3	2	17	9	15	8	
77	Ankit Kumar Jangir		3	2	2	2	2	3	3	3	2	15		15	18	16
78	Ankit Saini		1	2		2		1	1	1	2	17	9	15	8	
79	Ankita Kumawat		2	2	2	2	2	2	2	2	2	15	17	15	18	16
80	Ankita Meel		2	3	2	2	2	2	2	2	3	17	9	18	18	16
81	Anu Saini		3	2	2	2	2	3	3	3	2	15		15	18	16
82	Anurag Saini		3	3		2		3	3	3	3	17	17	18	18	16
83	Arpit Mitharwal		1	2	1	2	1	1	1	1	2	15	9	15	18	16
84	Ashish Kumar		2	3	2	2	2	2	2	2	3	15	16	18	18	16
85	Ashish Kumawat		2	2	2	2	2	2	2	2	2	16	16	15	18	16
86	Avesh Qureshi		3	3	2	2	2	3	3	3	3	16	16	18	18	16
87	Ayush Saini		3	2	2	2	2	3	3	3	2	16	12	15	18	16
88	Bablu Kumawat		3	3	2	2	2	3	3	3	3	12		18	18	16
89	Bharti Saini		3	2	2	2	2	3	3	3	2		16	15	18	16
90	Bunty Jangid		3	3	1	2	1	3	3	3	3	16	16	18	18	16
91	Chanchal Garhwal		2	2	2	1	2	2	2	2	2	16	16	15	8	
92	Chanchal Nehra		3	2	1	2	1	3	3	3	2	16	12	15	18	16
93	Chandan Saini		3	3	1	2	1	3	3	3	3	12	13	18	18	16
94	Devendra Dhinwa		1	2	2	2	2	1	1	1	2	13	16	15	18	16
95	Dinesh Kumar		3	3		1		3	3	3	3	16	16	18	18	16
96	Gagan		1	2	2	2	2	1	1	1	2	16	14	15	18	16
97	Gopal Singh		3	3	1	1	1	3	3	3	3	14	15	18	18	16
98	Gunjan Jangir		3	2	2	2	2	3	3	3	2	15	16	15	18	16
99	Hemant		1	3	2	2	2	1	1	1	3	16	16	18	18	16
100	Himanshu		2	2	2	1	2	2	2	2	2	16	8	15	18	16
101	Himanshu Prajapat		2	3	2	2	2	2	2	2	3	8	8	18	18	16
102	Himanshu Saini		3	2	1	2	1	3	3	3	2	8	15	15	18	16
103	Jagrat Deepak Bansilal		3	3	2	1	2	3	3	3	3	15	16	18	18	16
104	Jaswant Sarawag		1	2	1	1	1	1	1	1	2	16	13	15	18	16
105	Jitendra Meel		2	2	2	2	2	2	2	2	2	13	8	15	13	8
106	Kamlesh Choudhary		2	2	2	2	2	2	2	2	2	8	16	15	8	16
107	Kamlesh Saini		3	3	1	1	1	3	3	3	3	16	16	18	16	16
108	Karan		3	2	2	2	2	3	3	3	2	16	16	15	16	16
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110	Khushi Saini		2	2	1		1	2	2	2	2	12	8	15	12	10
111	Mahipal Singh		3	2	1	2	1	3	3	3	2	8	16	15	8	16
112	Mandeep Mahala		3	3	2	1	2	3	3	3	3	16	16	18	16	16
113	Manish Chejara		3	2	2	2	2	3	3	3	2	16	16	15	16	16
114	Manish Jangir		3	3	1		1	3	3	3	3	16	10	18	16	16
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119	Monika Meel		3	2	1	1	1	3	3	3	2	10	16	15	10	16
120	Monika Saini		2	2	2	2	2	2	2	2	2	16	16	15	16	14
121	Monti Kumawat		3	2		2		3	3	3	2	16		15	16	16



122	Ms Saniya		3	3	2	2	2	3	3	3	3		16	18		16
123	Ms.Antim Saini		1	2	2	2	2	1	1	1	2		16	12	15	16
124	Ms.Anu Kumari Jagarwal		1	2	2	1	2	1	1	1	2		12	16	15	12
125	Ms.Komal Saini		3	2		2		3	3	3	2		16	16	15	16
126	Ms.Ritika Lakhmara		1	3	1	2	1	1	1	1	3		16	8	18	16
127	Ms.Tamanna Jangir		3	2	2	2	2	3	3	3	2		8	12	15	8
128	Mukesh Kumar		2	2	2	1	2	2	2	2	2		12	16	15	12
129	Mukesh Kumar		1	2	2	2	2	1	1	1	2		16	16	15	16
130	Narendra Kumar		3	3	2	2	2	3	3	3	3		16		18	16
131	Naveen Kumar		1	1	2	2	2	1	1	1	1		16	16	16	17
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134	Naveen Kumar		3	2	2	2	2	3	3	3	2		16	16	12	15
135	Nayan Kumar Dhaka		3	2	1	2	1	3	3	3	2		16		17	16
136	Nikhil Jakhar		2	2	1	1	1	2	2	2	2		14	16	16	15
137	Nikhil Jangir		2	2	2	1	2	2	2	2	2		16	16	16	9
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140	Nitish		3	1	1	2	1	3	3	3	1		16	16	13	17
141	Nitish Jakhar		2	1	2	1	2	2	2	2	1		16	8	16	9
142	Piyush Soni		2	2	2	1	2	2	2	2	2		16	16	16	9
143	Prateek Sharma		3	2	2	2	2	3	3	3	2		9	16	14	17
144	Prince Kumar		3	3	1	2	1	3	3	3	3		16	16	15	9
145	Priyanshu Sogan		3	2	1	2	1	3	3	3	2		16	16	16	17
146	Pushpendra Kumar		2	2	2	2	2	2	2	2	2		16	10	16	9
147	Rahul		2	2	2	2	2	2	2	2	2		8	16	8	9
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150	Rajkumar Dhaka				2		2						16	16	16	
151	Ravina Kumari Saini		2	2		1		2	2	2	2		13	8	13	9
152	Rishabh Poonia		3	2	2	2	2	3	3	3	2		16	16	8	17
153	Ritika		3	3	1	1	1	3	3	3	3		16	16	16	9
154	Riya Gadaiya				2		2			2			8	16	16	
155	Rohit Choudhary		2	2		2		2	2	3	2		16	16	16	9
156	Sameer Sarawag		3	2	2	2	2	3	3	3	2		8	14	12	17
157	Satyaveer Singh Rathore		3	3	2	2	2	3	3		3		16	16	8	9
158	Satyendra Saini				2		2			2			16	16	16	
159	Saurabh Saini		2	2		2		2	2	3	2		16	16	9	10
160	Savita Kumari		3	2	1	2	1	3	3	3	2		16	13	16	17
161	Shashikant Poonia		3	1	2	2	2	3	3	3	1		16	10	9	16
162	Shubham		3	2	2	2	2	3	3	2	2		16	16	16	17
163	Sonam		2	2	2	1	2	2	2	2	2		16	16	16	9
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166	Surya Prakash		3	2	2	1	2	3	3	3	2		16	16	16	9
167	Tarun Singh		3	2	1	2	1	3	3	2	2		16	16	16	17
168	Vijay Kumar		2	1	2	2	2	2	2	3	1		16	12		9
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170	Vikash Kumar		3	1	1	1	1	3	3		1		16	16	12	9
171	Vikash Kumar			1	2		2			2	1		16	16	16	
172	Vikash Surela		2	2		1		2	2	3	2		16	12	16	9
173	Vineeta		3	2	2	2	2	3	3	3	2		16	8	8	17
174	Yogesh Khatod		3	3	1	1	1	3	3		3		16	16	12	9
175	Yogesh Sanodia				2		2			3			16	16	16	
176	Yogita Soni		3	2		1		3	3	2	2		16	16	16	17
177	Yudhister Jangid		2	2	2	2	2	2	2	2	2		16	8	11	9
Students Achieved the Threshold level			143	151	125	126	125	150	143	146	151	150	129	147	113	149
Total No. of Students			177	177	177	177	177	177	177	177	177	177	177	177	177	177
% Students Achieved the Threshold level			80.79	85.31	70.62	71.19	70.62	84.75	80.79	82.49	85.31	84.75	72.88	83.05	63.84	84.18
CO Level																
* 50-60%, Level 1	*60-74%, Level 2	* >74%, Level 3	Level 3	Level 3	Level 2	Level 2	Level 2	Level 3	Level 3	Level 3	Level 3	Level 3	Level 3	Level 2	Level 3	Level 2

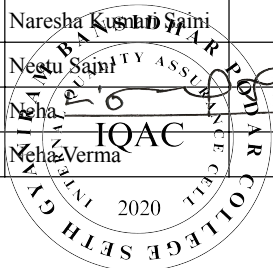




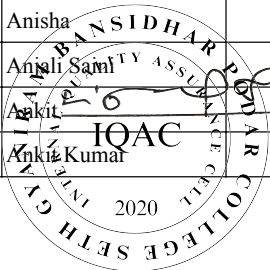
Seth Gyaniram Bansidhar Podar College, Nawalgarh

Analysis of Internal Assessment B.Sc.Chemistry 2022-23

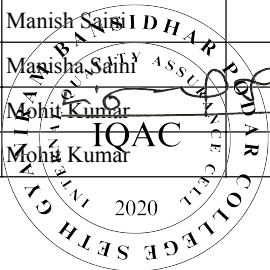
Program Name :- B.Sc.Chemistry																
CourseName:- B.Sc. I Physical Chemistry																
S.No.	Name of Student		First Term Test			Second Term Test			Third Term Test			Pre- University Exam				
			1	2	3	1	2	3	1	2	3	1	2	3	4	5
	Blooms Taxonomy	L2	L2	L3	L2	L4	L4	L3	L5	L4	L2	L4	L5	L3	L5	
		CO	CO 1	CO2	CO1	CO2	CO3	CO4	CO2	CO3	CO5	CO1	CO2	CO3	CO4	CO5
		Max Marks	3	3	4	3	3	4	3	3	4	20	20	20	20	20
		50%Marks														
1	Ajay Aalaharia		1	1.5	1	1	2.5	1	1.5	1	1	15	14	15	15	17
2	Akash Saini		2	2	3	2	2.5	3	2	3	2	15	8	16	18	9
3	Amit Bhaskar		1	2	3	1	2	3	2	3	1	18	14	16	18	17
4	Anisha Jangir		2	1	1	2	2.5	1	1	1	2	15	14	16	18	16
5	Anjali Saini		1	1.5	2	1	2	2	1.5	2	1	15	14	12	12	17
6	Ankit Kumar		2	1.5	2	2	2.5	2	1.5	2	2	17	8		10	9
7	Ankit Pathheer		1	2	3	1	2.5	3	2	3	1	9	8	16	18	9
8	Ankit Saini		2	2	3	2	2	3	2	3	2	17	14	16	18	17
9	Ankita Doot		1	1	1	1	2	1	1	1	1	16	14	16	18	16
10	Anu Jangid		2	1	2	2	2	2	1	2	2	17	14	12	8	17
11	Anu Verma		2	2	2	2	2	2	2	2	2	9	8	13	14	9
12	Anuj Saini		1	2	3	1	2	3	2	3	1	17	8	16	18	9
13	Deepak Saini		1	2	3	1	2	3	2	3	1	16	14	16	18	17
14	Deepika		2			2	2				2	17	14	14		16
15	Divya		2	1	1	2		1	1	1	2	9	14	15	8	17
16	Hariom		2	2	3	2	2	3	2	3	2	17	8	16	18	9
17	Kamlesh Saini		2	1	3	2	2	3	1	3	2	16	8	16	18	9
18	Kapil Kumar		2			2	2				2	17	14	8		17
19	Karan Jangir		2	2	2	2		2	2	2	2	9	14	8	8	16
20	Karan Saini		2	2	3	2	2	3	2	3	2	9		15	18	
21	Lokendra Singh		2	2	3	2	2	3	2	3	2	17	8	16	18	9
22	Lokesh Kumar		2			2	2				2	16	14	13		17
23	Monika		2	2	1	2		1	2	1	2	17	14	8	14	16
24	Ms.Muskan Saini		2	2	3	2	2	3	2	3	2	9		16	18	
25	Ms.Palak Saini		2	2	3	2	2	3	2	3	2	9	8	16	18	9
26	Ms.Priya Kumari		2	2	1	2	2	1	2	1	2	17	14	16	18	17
27	Ms.Radhika Kanwar		2	1.5	2	2	2	2	1.5	2	2	16	14	12	8	16
28	Muskan Chouhan		2	1.5	2	2	2.5	2	1.5	2	2	17		8	13	
29	Naresha Kusum Saini		2	2	3	2	2.5	3	2	3	2	9	8	16	18	9
30	Negtu Saini		2	2	3	2	2	3	2	3	2	9	14	16	18	17
31	Neha		2	2	1	2	2	1	2	1	2	17	14	16	18	16
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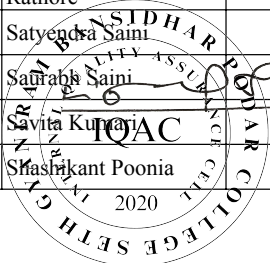
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35	Pintu Kumar				3	2	2.5			3	2	17	14	8		17
36	Pooja Gujarati		2	1.5	2	1		2	1.5	2	1	16	14	10	12	16
37	Priya Saini		3	2	3	2	2.5	2	2	3	2		14	16	18	17
38	Rahina Bano		3	2	3	1	2	3	2	3	1	9	8	16	18	9
39	Rahul Kumar					2	2				2	17	14			17
40	Reena Godara		1	2	1	2		2	2	1	2	16	14	16	18	16
41	Reena Jangir		3	2	3	1	2	2	2	3	1			12	11	
42	Rinku Saini		3	2	3	2	2	3	2	3	2	9	8	16	18	9
43	Sachin Kumar Swami		1	2	1	2	2.5	2	2	1	2	17	14	16	18	17
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45	Sonu Saini		2	1.5	2	1	2.5	2	1.5	2	1	17		12	12	
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47	Sunil Kumar		3	2	3	2	2	3	2	3	2	9	8	16	18	9
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49	Tanu Kumari Kumawat		2	1.5	2	2	2	2	1.5	2	2	16	8	10	17	17
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51	Vijay Kumar		1	2	3	3	2	3	2	3	3	9	18	16	17	9
52	Vijay Kumar Dhaka		3		3					3		17			9	17
53	Aakash Saini			1.5	2	2	2.5	2	1.5	2	2	16	8	14	9	9
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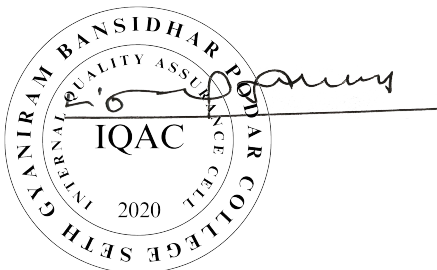
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122	Ms Saniya		3	2	3	3	2	3	2	3	3	18		16	16	15
123	Ms.Antim Saini		3	2	1	2	2	2	2	1	2	15	16	16	12	15
124	Ms.Anu Kumari Jagarwal		2	1	1	2	2	2	1	1	2	15	12	13	16	15
125	Ms.Komal Saini		3	2	3	2		2	2	3	2	15	16	16	16	18
126	Ms.Ritika Lakhmara		2	2	1	3	1	3	2	1	3	18	16	16	8	15
127	Ms.Tamanna Jangir		1	2	3	2	2	2	2	3	2	15	8	16	12	15
128	Mukesh Kumar		3	1	2	2	2	2	1	2	2	15	12	12	16	15
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136	Nikhil Jakhar		2	1	2	2	1	2	1	2	2	16	15	12	16	16
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153	Ritika		2	1	3	3	1	3	1	3	3	16	9	16	16	16
154	Riya Gadaiya		1				2					16			16	16
155	Rohit Choudhary		3	2	2	2		2	2	2	2	16	9	10	16	12
156	Sameer Sarawag		1	2	3	2	2	2	2	3	2	12	17	16	14	8
157	Satyaveer Singh Rathore		2	2	3	3	2	3	2	3	3	8	9	16	16	16
158	Satyendra Saini						2					16			16	16
159	Saurabh Saini			2	2	2		2	2	2	2	16	9	10	16	16
160	Savita Kumari		3	2	3	2	1	2	2	3	2	16	17	16	13	10
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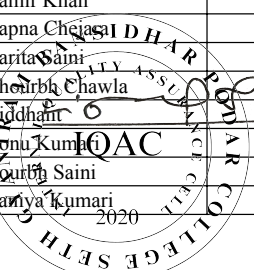
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164	Sonu Jangir		2	2	2	2	2	2	2	2	2	8	9	9	12	10
165	Sonu Saini		1	2	3	2	2	2	2	3	2	10	17	16	16	16
166	Surya Prakash		3	1	3	2	2	3	1	3	2	16	9	16	16	16
167	Tarun Singh		1	2	3	2	1	2	2	3	2	16	17	16	16	
168	Vijay Kumar		2	2	2	1	2	2	2	2	1		9	8	12	16
169	Vikas Jangir		1	1	3	2	1	2	1	3	2	16	17	16	16	12
170	Vikash Kumar		3	1	3	1	1	3	1	3	1	12	9	16	16	16
171	Vikash Kumar					1	2				1	16			16	16
172	Vikash Surela		2	1	2	2		2	1	2	2	16	9	10	12	8
173	Vineeta		3	2	3	2	2	2	2	3	2	8	17	16	8	12
174	Yogesh Khatod		1	1	3	3	1	3	1	3	3	12	9	16	16	16
175	Yogesh Sanodia						2					16			16	16
176	Yogita Soni		1	1	3	2		2	1	3	2	16	17	16	16	11
177	Yudhister Jangid		2	2	2	2	2	2	2	2	2	11	9	10	8	9
Students Achieved the Threshold level			124	126	143	151	125	159	126	143	151	147	113	149	130	132
Total No. of Students			177	177	177	177	177	177	177	177	177	177	177	177	177	177
% Students Achieved the Threshold level			70.06	71.19	80.79	85.31	70.62	89.83	71.19	80.79	85.31	83.05	63.84	84.18	73.45	74.58
CO Level																
* 50-60%, Level 1	*60-74%, Level 2	* >74% , Level 3	Level 2	Level 2	Level 3	Level 3	Level 2	Level 3	Level 2	Level 3	Level 3	Level 3	Level 2	Level 3	Level 2	Level 3



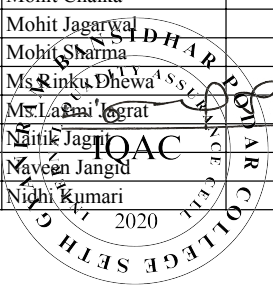


Analysis of Internal Assessment B.Sc.Chemistry 2022-23

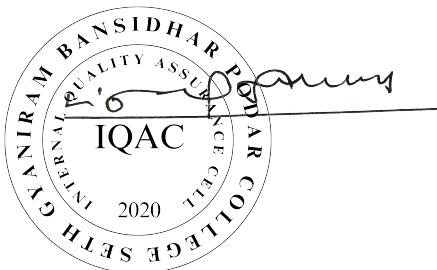
Program Name :- B.Sc.Chemistry																
CourseName:- B.Sc. II Inorganic Chemistry																
S.No.	Name of Student	First Term Test			Second Term Test			Third Term Test			Pre- University Exam					
		1	2	3	1	2	3	1	2	3	1	2	3	4	5	
		Blooms Taxonomy Level	L2	L2	L3	L2	L4	L4	L3	L5	L4	L2	L4	L5	L3	L5
		CO	CO1	CO2	CO2	CO3	CO4	CO4	CO3	CO2	CO4	CO1	CO2	CO3	CO4	CO5
		Max Marks	3	3	4	3	3	4	3	3	4	20	20	20	20	20
		50%Marks														
1	Alok Bhaskar		1	1.5	1.5	2	2		1	1	2	12	16	16	0	8
2	Anisha Saini		1	2	2	1	1	1.5	2	1	1	16	8	8	12	16
3	Ankit Kumar		2	2	2	2		2	1	2	2	16	16	0	16	8
4	Ankit Kumar		2	1	1	1	2	2	2	2	1	8	8	16	16	16
5	Anshul		2	1.5	1.5	2	2	1	2	2	2	12	16	16	8	16
6	Anvesha Choudhary			1.5	1.5	2	2	1.5	1		2	12	16	16	12	8
7	Aryan Verma		1	2	2	1	1	1.5	1	1	1	16	8	8	12	8
8	Avinash		2	2	2	2	2	2	2	2	2	16	16	16	16	16
9	Banti Saini		1	3	1	2	1	2	2	1	2	8	16	8	16	16
10	Dimpal Saini			1	1	1	3	3	2		1	8	8	13	13	16
11	Garima Kanwar		2	1	2	1	3	1	2	2	1	16	8	13	8	16
12	Hansika Saini		2	2	2	2	1	1	2	2	2	16	16	8	8	16
13	Harsh Yadav		2	2	2	2	2	2	2	2	2	16	16	16	16	16
14	Harshit Sharma			2		1	2	2	2		1	0	8	16	16	16
15	Jitendra Jat		2	2	1	2	3	2	2	2	2	8	16	13	16	16
16	Kalpna Kumari		2	2	2	2	1	2	2	2	2	16	16	8	16	16
17	Khushabu Sharma		2	2	1		2	2	2	2		8	0	16	16	16
18	Komal Kumari		2	2		2	2	2	2	2	2	0	16	16	16	16
19	Komal Mandia		1.5	1.5	2	1	3	2	2	1.5	1	16	8	13	16	16
20	Krishan Kumar		1.5	1.5	2	2	2	1.5	2	1.5	2	16	16	16	12	16
21	Lalit Kumar		2	2	2		1.5	1.5	2	2		16	0	12	12	16
22	Meenakshi		2	2		2	2	2	2	2	2	0	16	16	16	16
23	Mohit Saini		2	2	2	2	2	2	2	2	2	16	16	16	16	16
24	Ms Anjali Saini		1.5	1.5	2	2	1	2	2	1.5	2	16	16	16	16	16
25	Ms.Aarati Kumari		2	2	2		1.5	1.5	2	2		16	0	12	12	16
26	Ms.Kritika Mishra		2	1.5	2	1	1.5	2	1	2	1	16	8	12	16	8
27	Ms.Mallika Nayak			1.5	1.5	2	2	1.5	2		2	12	16	16	12	16
28	Ms.Nikita Kumari		1.5	2	1.5	2	2	1.5	2	1.5	2	12	16	16	12	16
29	Ms.Nikita Saini		2	2	2	2	1	2	2	2	2	16	16	8	16	16
30	Ms.Pinki		2	2	2	2	1	2	1	2	2	16	16	8	16	8
31	Ms.Ruchika			1.5	2	1	2	2	2		1	16	8	16	16	16
32	Nafesh Ali		2	2	1.5	2	2	1.5	1	2	2	12	16	16	12	8
33	Nikhil Kumar		2	2	2	2	2	2	2	2	2	16	16	16	16	16
34	Nikita Rar		2		2	2		2	2	2	2	16	16	0	16	16
35	Nishatha Karodia		2	1.5		1	1		1	2	1	0	8	8	0	8
36	Palak Saini		1.5	2	1.5	2	2	1.5	2	1.5	2	12	16	16	12	16
37	Payal Saini		1.5	2	2	2	1	2	2	1.5	2	16	16	8	16	16
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39	Poonam Prajapat		2	2		1	2		1	1	1	0	8	16	0	8
40	Pradeep Kumar		2	2	2	2	2	2	2	1	2	16	16	16	16	16
41	Rahul Saini		1.5	2	2	2	2	2	2	2	2	16	16	16	16	16
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45	Ritesh Garhwal		1.5	3	1.5	2	2	3		1	2	12	16	16	13	0
46	Sakshi Agarwal		2	1	2	2	2	3	2	2	2	16	16	16	13	16
47	Samir Khan		2	2	2	2	1.5	1	1	1	2	16	16	12	8	8
48	Sapna Chawla		1.5	2	2	1	1.5	2	2		1	16	8	12	16	16
49	Sarita Saini		2	3	1.5	1	2	2		2	1	12	8	16	16	0
50	Shouvik Chawla			3	2	2	2	3	2	2	2	16	16	16	13	16
51	Siddham		2	1	2	2	2	3	2	2	2	16	16	16	13	16
52	Sonu Kumari		1	2		2	1.5	1	2		2	0	16	12	8	16
53	Sourbh Saini		2	2	1.5	2	2	2		2	2	12	16	16	16	0
54	Tanya Kumari		1	3	2	2	2	2	1	2	2	16	16	16	16	8



55	Tanuja Saini		2	3	2	2		3	2	2	2	16	16	0	13	16
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57	Vinay Kumar		2	1	2		2		2	1.5		16	0	16	0	16
58	Yogendra Kumar Kalyan		1	3	2	1	2	1	2	1.5	1	16	8	16	8	16
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60	Aditya Kumar		1		1	1	2	3	2	2	1	8	8	16	13	16
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68	Aman Jhajharia		2	1	1	2	2	3	2	2	2	8	16	16	13	16
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72	Amit Kumar		2	3	1	2		3	1	2	2	8	16	0	13	8
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75	Anish Kumar		2	2	2	2	2	2	2	1.5	2	16	16	16	16	16
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81	Ankit Lamba		2		2	1	2	3	2	1	1	16	8	16	13	16
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83	Annu Dudi		1	2	2	1	2	2	2	3	1	16	8	16	16	16
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85	Arvind		2	2	2	2	2	1.5	3	2	2	16	16	16	12	13
86	Aryan Jangir		2	2	2		1	2	2	2	2	16	0	8	16	16
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89	Ashish Sarawag		1	3	2	2	2	1.5	1.5	1.5	1.5	16	16	16	12	12
90	Bhaskar Saini		2	2	2	1	2	1.5	2	2	1.5	16	8	16	12	16
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93	Deepak Sharma		2	1	2	2	2	1	1	1	1	16	16	16	8	8
94	Devendra Khatri		2	2	2	2	2	1	1	2	1	16	16	16	8	8
95	Dharmendra Kumar		1	2	1	3	2	2	2	2	2	8	13	16	16	16
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100	Himanshu Jangid		2	2	1	2	2	2	2	1	2	8	16	16	16	16
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104	Jyoti Kumari Saini		1	2	1	2	2	2	2	2	2	8	16	16	16	16
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106	Kamal Yadav			1	2	1.5	2		2	2		16	12	16	0	16
107	Kapil Jakhar		2	2	1	2	2	2	1.5	2	2	8	16	16	16	12
108	Kartikey Solanki		2	2	2	2	2	2	2	2	2	16	16	16	16	16
109	Khushwant Saini		2	2	2	2	2	2	1.5	2	2	16	16	16	16	12
110	Lakshya Kumar			1		1.5	2	2	1.5	1.5	2	0	12	16	16	12
111	Laxman Singh		1	1	2	2	1	1.5	2	1.5	1.5	16	16	8	12	16
112	Manish Kumar Kumawat		2	2	1	1.5	2	1.5	2	2	1.5	8	12	16	12	16
113	Mo Sahil Saiyad		2	2	2	1.5	2	2	2	2	2	16	12	16	16	16
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115	Mohit Chalka		2	2	2	2	1	2	2	1.5	2	16	16	8	16	16
116	Mohit Jagarwal		1	1	2	2	2	1.5	2	2	1.5	16	16	16	12	16
117	Mohit Sharma		2	1	2	1.5	1	2		2	2	16	12	8	16	0
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119	Ms. Laiba Jangir		2	2	1	2	2		2	1.5		8	16	16	0	16
120	Naitik Jangir		1	3	2		1	1.5	2	2	1.5	16	0	8	12	16
121	Naveen Jangid		2	3	2	1.5	2	2		2	2	16	12	16	16	0
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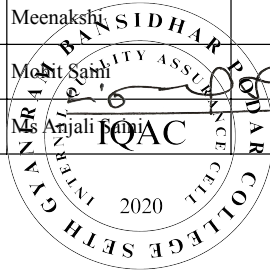
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125	Nitin Singh Rathore		2	3	2	2	2	2	2	2	16	16	16	16	0	
126	Pankaj Kumar		2		2	2	2	2	1	2	16	16	16	16	8	
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128	Pawan Kumar Mahan		1	3	1	2	1.5	3	1.5	1.5	8	0	16	12	13	
129	Payal Mishra		1	3	2	1	2	1.5	1	2	16	8	16	12	8	
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132	Pragya Sharma		2	3	1	1	1	2	3	1.5	8	8	8	16	13	
133	Pramila Kumari		1	3	2	2	2	1.5	3	2	16	16	16	12	13	
134	Prateek Kumawat		1	1	2	2	2	2	1	2	16	16	0	16	8	
135	Priya Kanwar		2	2	2	3	2	2	2	2	16	13	16	16	16	
136	Priyanshu Garhwal		2	2	1	3	2	2	1.5		8	13	16	0	16	
137	Priyanshu Sharma		2	3	1	1	2	1.5	3	2	8	8	16	12	13	
138	Rahul Kumar Jakhar		2		2	2	2	3	2	2	16	16	0	16	13	
139	Rahul Saini		2	2	2	2	1	2		1.5	16	16	8	16	0	
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141	Rajiv Jangir		2	1	1	3	2	2	3	2	8	13	16	16	13	
142	Rakesh Saini			2	1	2	2	2	3	2	8	0	16	16	13	
143	Ram Singh		1	2	2	1	2	2		1	16	8	16	16	0	
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147	Rohit Tanwar		2	2	2	2	2	2		1	16	16	16	16	0	
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163	Suresh Kumar			2	1	2	2	2	3	2	8	0	16	16	13	
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166	Vasim Akram		1	1	1	3	2	2	2	2	8	13	16	16	16	
167	Vasundhra Soni			2	2	2	2	2	3	2	16	0	16	16	13	
168	Vikas Kumar		1	2	2	2	2	2	2	2	16	16	16	16	16	
169	Vikash Kumar		2	3	1	3	2	2		1	8	13	16	16	0	
170	Vikash Kumar		2	2	1	2	3	2		2	8	16	13	16	0	
Students Achieved the Threshold level			120	126	124	119	127	133	127	132	120	125	120	129	133	127
Total No. of Students			170	170	170	170	170	170	170	170	170	170	170	170	170	170
% Students Achieved the Threshold level			70.59	74.12	72.94	70.00	74.71	78.24	74.71	77.65	70.59	73.53	70.59	75.88	78.24	74.71
CO Level																
* 50-60%, Level 1	*60-74%, Level 2	* >74%, Level 3	Level 2	Level 3	Level 2	Level 2	Level 3	Level 3	Level 3	Level 3	Level 2	Level 2	Level 2	Level 3	Level 3	Level 3



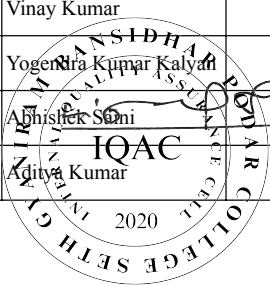


Analysis of Internal Assessment B.Sc.Chemistry 2022-23

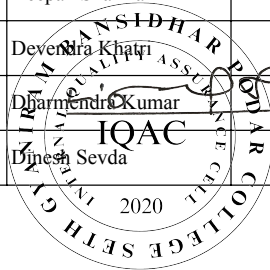
Program Name :- B.Sc.Chemistry																
CourseName:- B.Sc. II Organic Chemistry																
S.No.	Name of Student		First Term Test			Second Term Test			Third Term Test			Pre- University Exam				
			1	2	3	1	2	3	1	2	3	1	2	3	4	5
		Blooms Taxonomy Level	L2	L2	L3	L3	L4	L4	L3	L4	L4	L2	L4	L5	L3	L5
		CO	CO1	CO2	CO2	CO3	CO3	CO4	CO1	CO3	CO4	CO1	CO2	CO3	CO4	CO5
		Max Marks	3	3	4	3	3	4	3	3	4	20	20	20	20	20
		50%Marks														
1	Alok Bhaskar		1	1	2	2	2		1	2	1	12	16	16	8	12
2	Anisha Saini		1.5	2	2	1	1.5	1.5	2	2	3	16	8	16	8	16
3	Ankit Kumar		1.5	2	2	1	1.5	1.5	2	2	1	16	8	0	16	16
4	Ankit Kumar		2	1	2	1	2	2	1	2	2	0	12	16	16	8
5	Anshul		2	1		2	2	2	1	2	1	8	16	8	16	16
6	Anvesha Choudhary			1.5	2	2	1	1.5	1.5	2	2	12	16	16	0	8
7	Aryan Verma		1	2	1	2	2	1	1	2	2	16	8	8	12	16
8	Avinash		1	1	2	2	2		1	2	1	16	16	0	16	8
9	Banti Saini		2	1	2	1	2	2	1	2	2	8	8	16	16	16
10	Dimpal Saini			1	1	1	3	3	2		1	12	16	16	8	16
11	Garima Kanwar		2	1	2	1	3	1	2	2	1	12	10	11	12	8
12	Hansika Saini		2	2	2	2	1	1	2	2	2	12	16	16	8	12
13	Harsh Yadav		2	2	2	2	2	2	2	2	2	16	8	16	8	16
14	Harshit Sharma			2		1	2	2	2		1	16	8	0	16	16
15	Jitendra Jat		2	2	1	2	3	2	2	2	2	0	12	16	16	8
16	Kalpna Kumari		2	2	2	2	1	2	2	2	2	8	16	8	16	16
17	Khushabu Sharma		2	2	1		2	2	2	2		16	16	8	12	12
18	Komal Kumari		2	2		2	2	2	2	2	2	8	16	8	16	16
19	Komal Mandia		1.5	1.5	2	1	3	2	2	1.5	1	8	0	16	16	16
20	Krishan Kumar		1.5	1.5	2	2	2	1.5	2	1.5	2	12	16	16	8	8
21	Lalit Kumar		2	2	2		1.5	1.5	2	2		16	8	16	16	12
22	Meenakshi		2	2		2	2	2	2	2	2	11	12	16	16	0
23	Meenakshi			2	2	2	2	2	2	2	2	8	16	8	8	12
24	Ms Anjali		1	1.5	1.5	2	2		1	1	2	16	16	16	0	16



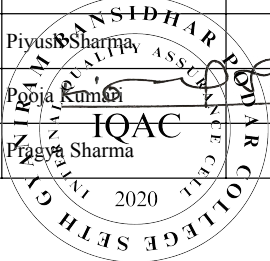
25	Ms.Aarati Kumari		1	2	2	1	1	1.5	2	1	1	8	8	8	16	16
26	Ms.Kritika Mishra		2	2	2	2		2	1	2	2	16	12	16	16	8
27	Ms.Mallika Nayak		2	1	1	1	2	2	2	2	1	16	8	12	8	8
28	Ms.Nikita Kumari		2	1.5	1.5	2	2	1	2	2	2	11	16	16	8	12
29	Ms.Nikita Saini			1.5	1.5	2	2	1.5	1		2	16	8	16	8	16
30	Ms.Pinki		1	2	2	1	1	1.5	1	1	1	16	8	0	16	16
31	Ms.Ruchika		2	2	2	2	2	2	2	2	2	0	12	16	16	8
32	Nafesh Ali		1	3	1	2	1	2	2	1	2	8	16	8	16	16
33	Nikhil Kumar		1	1.5	1.5	2	2		1	1	2	10	11			
34	Nikita Rar		1	2	2	1	1	1.5	2	1	1	12	16	16	0	8
35	Nishatha Karodia		2	2	2	2		2	1	2	2	16	8	8	12	16
36	Palak Saini		2	1	1	1	2	2	2	2	1	16	16	0	16	8
37	Payal Saini		2	1.5	1.5	2	2	1	2	2	2	8	8	16	16	16
38	Payal Saini			1.5	1.5	2	2	1.5	1		2	12	16	16	8	16
39	Poonam Prajapat		1	2	2	1	1	1.5	1	1	1			8	12	15
40	Pradeep Kumar		2	2	2	2	2	2	2	2	2	16	16	8	16	15
41	Rahul Saini		1	3	1	2	1	2	2	1	2	16	0	16		
42	Rajat Kajala			1	1	1	3	3	2		1	0	8	16	16	16
43	Ravikant Saini		2	1	2	1	3	1	2	2	1	16	12	16	8	0
44	Rinku Kumari Saini		2	2	2	2	1	1	2	2	2	8	16	12	16	8
45	Ritesh Garhwal		2	2	2	2	2	2	2	2	2	12	16	16	8	12
46	Sakshi Agarwal			2		1	2	2	2		1	16	8	16	16	16
47	Samir Khan		2	2	1	2	3	2	2	2	2	16	12	8	16	16
48	Sapna Chejara		2	2	2	2	1	2	2	2	2	8		16	16	8
49	Sarita Saini		2	2	1		2	2	2	2		12	12	16	0	12
50	Shourbh Chawla		2	2		2	2	2	2	2	2	8	16	8	16	
51	Siddhant			1.5	2	1	3	2	2	1.5	1	16	16	0	8	12
52	Sonu Kumari		1.5	1.5	2	2	2	1.5	2	1.5	2	8	0	16	12	16
53	Sourbh Saini		2	2	2		1.5	1.5	2	2		8	8	16	16	16
54	Taniya Kumari		2	2		2	2	2	2	2	2	12	16	8	16	0
55	Tanuja Saini		2	2	2	2	2	2	2	2	2	16	8	8	8	8
56	Vandana Saini		1	1.5	1.5	2	2		1	1	2		8	8	12	16
57	Vinay Kumar		1	2	2	1	1	1.5	2	1	1	16	12	16	8	8
58	Yogendra Kumar Kalyan		2	2	2	2		2	1	2	2	8	16	16	16	8
59	Abhishek Saini		2	1	1	1	2	2	2	2	1	16		16		12
60	Aditya Kumar		1.5	1.5	2	2	2	1	1	2	2	8	8		8	16



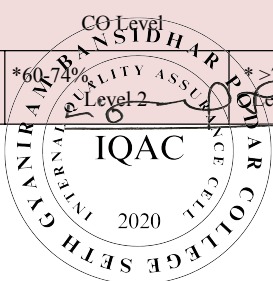
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62	Adnan Khan		2	2	2		2	1.5	2	2	1		8	12	8	8
63	Ajay Dhaka		1	2		2	2	2	1	2	1	16	16	12	16	16
64	Ajay Saini		3	2	1.5	2	2	2	1		2	0	16	16	16	8
65	Ajay Singh		2	1.5	1.5	2	2		1.5	2	2	8				16
66	Akhil Kumar		2	2	2	2	2	1	2	1	2	12	16	16	16	16
67	Akhil Poonia		1.5	1.5	2	2	2	1	1	2	2	16	16	8	16	
68	Aman Jhajharia		1	2		2	2	2	1	2	1	16	8	16	8	16
69	Aman Kumar		1		2	2	2		2	2	2	8	8	8	8	16
70	Aman Kumar Sharma		3	1	1	2	2	2	2	2	2	12	16	16	16	0
71	Aman Sharma		1	1	2	2	2		1	2	1		16	16	16	12
72	Amit Kumar		2	1	1	2	2	1	2	2		12	16	16	16	16
73	Amit Kumar Saini		1	3	3	1	2	2	3	1	2	16	12	0	12	
74	Amit Saini		2	3	1	1	2	2	2	2	2	16	16	16	16	16
75	Anish Kumar		2	2	2	2	2	2	2	2	2	0	16	8	16	8
76	Anish Kumar Kaler		1		2	2	2		2	2	2	8	8	12	8	16
77	Ankit		2	1	1	2	2	1	2	2		16	16	16	16	8
78	Ankit Kaler											8	16	16	16	16
79	Ankit Kumar		1	2	1	2	2	1	1	2	2	8	8	8	8	16
80	Ankit Kumar Bhinchar		1	1	2	2	2		1	2	1	12	0	12	0	16
81	Ankit Lamba		2	1	2	1	2	2	1	2	2	16	16	8	16	0
82	Ankit Saini			1	1	1	3	3	2		1		16	8	16	16
83	Annu Dudi		2	1	2	1	3	1	2	2	1	8	8	8	8	8
84	Anuj Kumawat		2	2	2	2	1	1	2	2	2	16	8	12	8	12
85	Arvind		2	2	2	2	2	2	2	2	2	8	8	16	8	16
86	Aryan Jangir			2		1	2	2	2		1	16	16		16	16
87	Ashish Kumar		2	2	1	2	3	2	2	2	2	16	16	16	16	8
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89	Ashish Sarawag		2	2	1		2	2	2	2		16	12	16	12	8
90	Bhaskar Saini		2	2		2	2	2	2	2	2	16	0	8	0	0
91	Deepak Kumar		1.5	1.5	2	1	3	2	2	1.5	1	0	12	16	12	16
92	Deepak Kumar		1.5	1.5	2	2	2	1.5	2	1.5	2	8	12		12	8
93	Deepak Sharma		2	2	2		1.5	1.5	2	2		8		12		12
94	Devendra Khatri		2	2		2	2	2	2	2	2	16	12	16	12	16
95	Dharmendra Kumar		2	2	2	2	2	2	2	2	2	16	16		16	16
96	Dinesh Sevda		1	1.5	1.5	2	2		1	1	2	16	16	16	16	8



97	Fardeen Khan		1	2	2	1	1	1.5	2	1	1	12	0	8	0	12
98	Gourav Kumawat		2	2	2	2		2	1	2	2	16	8	16	8	8
99	Harshita Kumawat		2	1	1	1	2	2	2	2	1	16	16	8	16	16
100	Himanshu Jangid		2	1.5	1.5	2	2	1	2	2	2	8	8	16	16	8
101	Himanshu Tanwar			1.5	1.5	2	2	1.5	1		2	16	8	16	0	8
102	Hitesh Jangir		1	2	2	1	1	1.5	1	1	1	16	12	16	16	12
103	Jagriti Chotia		2	2	2	2	2	2	2	2	2	8	16	0	8	16
104	Jyoti Kumari Saini		1	3	1	2	1	2	2	1	2	0	13	16	12	
105	Kalpna Saini		1	1.5	1.5	2	2		1	1	2	16	8	8	16	16
106	Kamal Yadav											16	16	12	16	8
107	Kapil Jakhar		1	2	1	2	2	1	1	2	2	8	8	16	8	16
108	Kartikey Solanki		1	1	2	2	2		1	2	1	8	16	16	12	8
109	Khushwant Saini		2	1	2	1	2	2	1	2	2	8	16	8	8	16
110	Lakshya Kumar			1	1	1	3	3	2		1	16		12	16	12
111	Laxman Singh		2	1	2	1	3	1	2	2	1	16	16	8	8	16
112	Manish Kumar Kumawat		2	2	2	2	1	1	2	2	2	16	16	16	8	
113	Mo Sahil Saiyad		2	2	2	2	2	2	2	2	2	11	0	8	12	16
114	Mohammed Rahil			2		1	2	2	2		1	0	12	12	16	8
115	Mohit Chalka		2	2	1	2	3	2	2	2	2	12	16			16
116	Mohit Jagarwal		2	2	2	2	1	2	2	2	2	13		12	16	8
117	Mohit Sharma		2	2	1		2	2	2	2			16	16	8	16
118	Ms Rinku Dhewa		2	2		2	2	2	2	2	2	15	8	16	16	16
119	Ms.Laxmi Jagrat		1.5	1.5	2	1	3	2	2	1.5	1	12	16	0	8	16
120	Naitik Jagrit		1.5	1.5	2	2	2	1.5	2	1.5	2	16	8	8	16	0
121	Naveen Jangid		2	2	2		1.5	1.5	2	2		16	16	16	12	16
122	Nidhi Kumari		2	2		2	2	2	2	2	2	0	16	8	16	8
123	Nikhil Kumar		2	2	2	2	2	2	2	2	2	16	16	8		12
124	Nikita Surela		1	1.5	1.5	2	2		1	1	2	8	0	12	16	16
125	Nitin Singh Rathore		1	2	2	1	1	1.5	2	1	1	12	16	16	8	16
126	Pankaj Kumar		2	2	2	2		2	1	2	2	16	8		16	8
127	Pankaj Kumar Lamba		2	1	1	1	2	2	2	2	1	16	12	8	8	12
128	Pawan Kumar Mahan		2	1.5	1.5	2	2	1	2	2	2	8	16	16	16	8
129	Payal Mishra			1.5	1.5	2	2	1.5	1		2	12	16	8	16	12
130	Piyush Sharma		1	2	2	1	1	1.5	1	1	1	8	8	16	16	16
131	Pooja Kumari		2	2	2	2	2	2	2	2	2	16	12	16	0	
132	Pragya Sharma		1	3	1	2	1	2	2	1	2	8	16		16	16



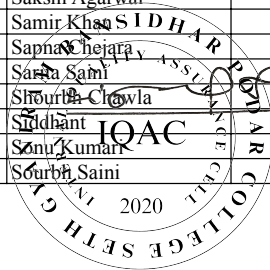
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135	Priya Kanwar			1.5	1.5	2	2	1.5	1		2	16	8	0	16	8
136	Priyanshu Garhwal		1	2	2	1	1	1.5	1	1	1	15	16		16	16
137	Priyanshu Sharma		1	2	1	2	2	1	1	2	2	16	8	16	8	16
138	Rahul Kumar Jakhar		1	1	2	2	2		1	2	1	8	16	16	12	16
139	Rahul Saini		2	1	2	1	2	2	1	2	2	16	16	0	8	0
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141	Rajiv Jangir		2	1	2	1	3	1	2	2	1	16	0	8	16	8
142	Rakesh Saini		2	2	2	2	1	1	2	2	2		16	12	16	12
143	Ram Singh		2	2	2	2	2	2	2	2	2	12	8	16	0	16
144	Ravi Kumar Sain			2		1	2	2	2		1	16	12	16	16	16
145	Rohit		2	2	1	2	3	2	2	2	2	16	16	8	8	8
146	Rohit Chouhan		2	2	2	2	1	2	2	2	2	8	16	12	12	12
147	Rohit Tanwar		2	2	1		2	2	2	2		12	8	8	16	8
148	Ronak Choudhary		2	2		2	2	2	2	2	2	8	12	16	12	12
149	Ronak Kumar		1.5	1.5	2	1	3	2	2	1.5	1	16	8	8	16	16
150	Rounak		1.5	1.5	2	2	2	1.5	2	1.5	2	8	8	8	16	16
151	Sachin Kumar		2	2	2		1.5	1.5	2	2		8	16	12	8	8
152	Sachin Saini		2	2		2	2	2	2	2	2	12	16	16	12	12
153	Sachin Sharma		2	2	2	2	2	2	2	2	2	16	10		8	8
154	Sakshi Chejara		1	1.5	1.5	2	2		1	1	2			16	16	16
155	Sandeep Kumar		1	2	2	1	1	1.5	2	1	1	16	8	16	16	16
156	Saurav Kalirawana		2	2	2	2		2	1	2	2	8	11	16	8	8
157	Sidisha		2	1	1	1	2	2	2	2	1	16		8	12	12
158	Sohil Khan		2	1.5	1.5	2	2	1	2	2	2	8	9	16	16	16
159	Sonam Kumari			1.5	1.5	2	2	1.5	1		2	16			16	
160	Sumit Kumar		1	2	2	1	1	1.5	1	1	1	16	12	16	16	16
161	Sunil Kumar		2	2	2	2	2	2	2	2	2	16	11	0	8	8
162	Sunil Kumar Saini		1	3	1	2	1	2	2	1	2	0	13	16	16	16
163	Suresh Kumar		2	1	1	1	2	2	2	2	1	16	11	8	8	8
164	Umesh Dangi		2	1.5	1.5	2	2	1	2	2	2	8	12	12	16	16
165	Umesh Kumar Sogan			1.5	1.5	2	2	1.5	1		2	12	10	16	16	16
166	Vasim Akram		1	2	2	1	1	1.5	1	1	1	16	15	16	16	16
167	Vasundhra Soni		2	2	2	2	2	2	2	2	2	16	17	8	0	0
168	Vikas Kumar		1	3	1	2	1	2	2	1	2	8	15	12	16	16
169	Vikash Kumar		1	1.5	1.5	2	2		1	1	2	12	11	8	8	8
170	Vikash Kumar		2	2	2	2	2	2	2	2	2	8	11	16	12	8
Students Achieved the Threshold level			106	134	114	108	132	124	118	120	104	105	106	101	106	104
Total No. of Students			170	170	170	170	170	170	170	170	170	170	170	170	170	170
% Students Achieved the Threshold level			62.35	78.82	67.06	63.53	77.65	72.94	69.41	70.59	61.18	61.76	62.35	59.41	62.35	61.18
* 50-60%, Level 1	* 60-74%, Level 2	* 74%+, Level 3	Level 2	Level 3	Level 2	Level 2	Level 3	Level 2	Level 2	Level 2	Level 2	Level 2	Level 2	Level 1	Level 2	Level 2



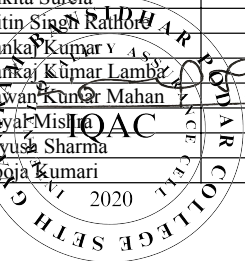


Analysis of Internal Assessment B.Sc.Chemistry 2022-23

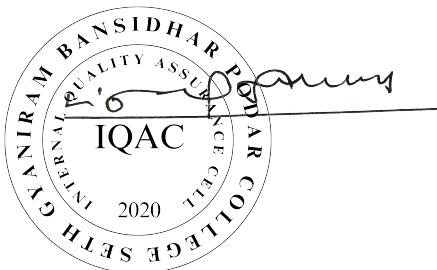
Program Name :- B.Sc.Chemistry																
CourseName:- B.Sc. II Physical Chemistry																
S.No.	Name of Student	First Term Test			Second Term Test			Third Term Test			Pre- University Exam					
		1	2	3	1	2	3	1	2	3	1	2	3	4	5	
Blooms Taxonomy		L2	L2	L3	L3	L4	L4	L3	L4	L4	L2	L4	L5	L3	L5	
CO		CO1	CO2	CO2	CO3	CO3	CO4	CO1	CO3	CO4	CO1	CO2	CO3	CO4	CO5	
Max Marks		3	3	4	3	3	4	3	3	4	20	20	20	20	20	
50%Marks																
1	Alok Bhaskar	1	2	1	2	1	2	1	2	1	8	16	16	8	8	
2	Anisha Saini	1.5	2	2	1	1.5	1.5	2	2	1	16	8	12	12	12	
3	Ankit Kumar	1	3	3	1	2	2	3	3	1	12	8	16	8	16	
4	Ankit Kumar	1	2	1	2	1	2	1	2	1	8	16	16	8	8	
5	Anshul	2.5	2.5	2	2.5	2	2.5	2.5	2	2	16	20	12	20	8	
6	Anvesha Choudhary	1	3	3	1	2	2	3	3	1	12	8	8	8	12	
7	Aryan Verma	1.5	2	2	1	1.5	1.5	2	2	1	16	8	12	12	16	
8	Avinash	1	3	3	1	2	2	3	3	1	12	8	12	8	16	
9	Banti Saini	1	2	1	2	1	2	1	2	1	8	16	8	8	8	
10	Dimpal Saini	2	2	1	3	3	3	1	2	3	8	12	16	16	12	
11	Garima Kanwar	1	1.5	1	1	2.5	1	1.5	1	1	8	8	16	8	12	
12	Hansika Saini	2	2	3	2	2.5	3	2	3	2	12	16	12	16	12	
13	Harsh Yadav	1	2	3	1	2	3	2	3	1	12	8	12	8	8	
14	Harshit Sharma	2	1	1	2	2.5	1	1	1	2	8	16	8	16	8	
15	Jitendra Jat	1	1.5	2	1	2	2	1.5	2	1	16	8	12	8	8	
16	Kalpana Kumari	2	1.5	2	2	2.5	2	1.5	2	2	16	16	16	16	8	
17	Khushabu Sharma	1	2	3	1	2.5	3	2	3	1	12	8	16	8	12	
18	Komal Kumari	2	2	3	2	2	3	2	3	2	12	16	12	16	8	
19	Komal Mandia	1	1	1	1	2	1	1	1	1	8	8	16	8	8	
20	Krishan Kumar	2	3	2	1	1	3	2	1	3	16	8	20	16	16	
21	Lalit Kumar	1.5	1	1	2	1	2	1	2	1	8	16	12	12	8	
22	Meenakshi	2	3	2	2	1.5	2	2	1	1.5	16	16	16	16	12	
23	Mohit Saini	2	3	1	1	1	3	3	1	2	8	8	12	16	16	
24	Ms Anjali Saini	1	1	2	3	1	2	1	2	1	16	12	16	8	8	
25	Ms.Aarati Kumari	1.5	2	1	3	2.5	2.5	2	2.5	2	8	12	12	12	8	
26	Ms.Kritika Mishra	1.5	2	2	3	1	3	3	1	2	16	12	16	12	16	
27	Ms.Mallika Nayak	2	3	1	1	1.5	2	2	1	1.5	8	8	16	16	8	
28	Ms.Nikita Kumari	2	3	2	2	1	3	3	1	2	16	16	12	16	8	
29	Ms.Nikita Saini	1	1	1	3	1	2	1	2	1	8	12	8	8	8	
30	Ms.Pinki	1.5	2	2	1	1.5	1.5	2	2	1	16	8	12	12	16	
31	Ms.Ruchika	1	3	3	1	2	2	3	3	1	12	8	12	8	8	
32	Nafesh Ali	1	2	1	2	1	2	1	2	1	8	16	8	8	8	
33	Nikhil Kumar	2	2	1	3	3	3	1	2	3	8	12	16	16	8	
34	Nikita Rar	1	1.5	1	1	2.5	1	1.5	1	1	8	8	12	8	8	
35	Nishatha Karodia	2	2	3	2	2.5	3	2	3	2	12	16	8	16	8	
36	Palak Saini	1	2	3	1	2	3	2	3	1	12	8	16	8	8	
37	Payal Saini	2	1	1	2	2.5	1	1	1	2	8	16	8	16	12	
38	Payal Saini	1	1.5	2	1	2	2	1.5	2	1	16	8	16	8	8	
39	Poonam Prajapat	2	2	3	1	2	3	2	2	3	12	8	8	16	8	
40	Pradeep Kumar	2	2	1	1.5	1	1	2	1	1	8	12	16	16	16	
41	Rahul Saini	3	3	1	2	3	2	2	1.5	3	8	16	8	12	8	
42	Rajat Kajala	1	2	1	2	3	1	1	1	3	8	16	16	8	8	
43	Ravikant Saini	1	2	3	1	1	2	3	1	1	12	8	8	8	8	
44	Rinku Kumari Saini	1.5	1	1	1.5	2	1	3	2.5	2	8	12	8	12	12	
45	Ritesh Garhwal	2	3	2	1.5	2	2	3	1	2	16	12	12	16	16	
46	Sakshi Agarwal	2	3	1	2	3	1	1	1.5	3	8	16	16	16	8	
47	Samir Khosla	1	1	2	2	3	2	2	1	3	16	16	8	8	16	
48	Sapna Chhajara	1.5	2	1	1	1	1	3	1	1	8	8	8	12	16	
49	Sarita Saini	2	1	2	1	2	1	2	2	3	16	8	8	16	12	
50	Shourya Chawla	2	1.5	2	2	2	1.5	2	2	2	16	16	8	16	16	
51	Sudhant	1	2	1	1	1	2	1	1	1	8	8	12	8	8	
52	Sonu Kumar	2	1	1	2	1	1	1	2	1	8	16	8	16	8	
53	Sourbh Saini	1	1	1.5	1	1.5	1	1.5	1	1.5	12	8	8	8	8	



54	Taniya Kumari		2	1	2	2	2	1	2	2	2	16	16	16	16	8
55	Tanuja Saini		1	1	2	1	2	1	2	1	2	16	8	16	8	12
56	Vandana Saini		2	3	1	2	1	3	1	2	1	8	16	8	16	8
57	Vinay Kumar		2	1	1.5	2	1.5	1	1.5	2	1.5	12	16	12	16	16
58	Yogendra Kumar Kalyan		3	1	1.5	3	1.5	1	1.5	3	1.5	12	12	16	12	8
59	Abhishek Saini			2	3	1		2	3	2	3	12	8	12	0	16
60	Aditya Kumar		2	1	2	1	2	2	3	2	1	16	8	8	16	8
61	Aditya Meel		1	1	1	1	3	1	1	1	1	8	8	12	8	16
62	Adnan Khan		1	1.5	2	2	1	1.5	1.5	2	1	16	16	16	8	8
63	Ajay Dhaka		2	1	2	1	2	2	3	1	1	16	8	12	16	12
64	Ajay Saini		1	1.5	2	2	1	1.5	1.5	2	3	16	16	16	8	16
65	Ajay Singh		1	1	1	1	3	1	1	2	1	8	8	16	8	16
66	Akhil Kumar		1	1.5	2	2	1	1.5	1.5	3	1	16	16	8	8	12
67	Akhil Poonia		2	1	2	1	2	2	3	1	2	16	8	16	16	8
68	Aman Jhajharia		1	1.5	2	2	1	1.5	1.5	2	1	16	16	8	8	0
69	Aman Kumar					3	2	2	1	3	3	0	12	16	0	16
70	Aman Kumar Sharma		1.5	2	2	1	1.5	2	2	1	2	16	8	8	12	12
71	Aman Sharma		1	3	3	1	2	1	1.5	2	1	12	8	16	8	8
72	Amit Kumar		1	2	1	2	1	2	2	1	1	8	16	16	8	8
73	Amit Kumar Saini		1.5	1.5	2	2	1	1	2	1	2	16	16	12	12	8
74	Amit Saini		2	2	3	3	1	2	2	1	1	12	12	16	16	12
75	Anish Kumar		1	2	1	2	1	1	1.5	2	1	8	16	16	8	12
76	Anish Kumar Kaler		3	3	1	2	3	2	2	1	1	8	16	8	12	8
77	Ankit		2.5	1	1.5	1	1	2	2	1	2	12	8	12	20	16
78	Ankit Kaler		2	2	3	3	1	3	2	1	1	12	12	16	16	16
79	Ankit Kumar		2	1	2	1	2	2	3	1	1	16	8	12	16	8
80	Ankit Kumar Bhinchar		2	1	2	1	2	2	3	2	1	16	8	8	16	16
81	Ankit Lamba		1	1	1	1	3	1	1	1	1	8	8	12	8	8
82	Ankit Saini		1	1.5	2	2	1	1.5	1.5	2	1	16	16	16	8	16
83	Annu Dudi		2	1	2	1	2	2	3	1	1	16	8	12	16	8
84	Anuj Kumawat		1	1.5	2	2	1	1.5	1.5	2	3	16	16	16	8	16
85	Arvind		1	1	1	1	3	1	1	2	1	8	8	16	8	8
86	Aryan Jangir		1	1.5	2	2	1	1.5	1.5	3	1	16	16	16	8	16
87	Ashish Kumar		2	1	2	1	2	2	3	1	2	16	8	12	16	8
88	Ashish Kumar Kumawat		1	1.5	2	2	1	1.5	1.5	2	1	16	16	16	8	12
89	Ashish Sarawag		2	1	2	1	2	2	3	1	1	16	8	20	16	16
90	Bhaskar Saini		1.5	1	1	2	1	2	1	2	1	8	16	12	12	16
91	Deepak Kumar		2	3	2	2	1.5	2	2	1	1.5	16	16	16	16	16
92	Deepak Kumar		2	3	1	1	1	3	3	1	2	8	8	12	16	16
93	Deepak Sharma		1	1	2	3	1	2	1	2	1	16	12	16	8	8
94	Devendra Khatri		1.5	2	1	3	2.5	2.5	2	2.5	2	8	12	12	12	12
95	Dharmendra Kumar		1.5	2	2	3	1	3	3	1	2	16	12	16	12	12
96	Dinesh Sevda		2	3	1	1	1.5	2	2	1	1.5	8	8	16	16	8
97	Fardeen Khan		2	3	2	2	1	3	3	1	2	16	16	12	16	16
98	Gourav Kumawat		1	1	1	3	1	2	1	2	1	8	12	8	8	12
99	Harshita Kumawat		1.5	2	2	1	1.5	1.5	2	2	1	16	8	12	12	16
100	Himanshu Jangid		1	3	3	1	2	2	3	3	1	12	8	12	8	16
101	Himanshu Tanwar		1	2	1	2	1	2	1	2	1	8	16	8	8	12
102	Hitesh Jangir		2	2	1	3	3	3	1	2	3	8	12	16	16	16
103	Jagriti Chotia		1	1.5	1	1	2.5	1	1.5	1	1	8	8	12	8	8
104	Jyoti Kumari Saini		2	2	3	2	2.5	3	2	3	2	12	16	16	16	20
105	Kalpna Saini		1	2	3	1	2	3	2	3	1	12	8	16	8	16
106	Kamal Yadav		2	1	1	2	2.5	1	1	1	2	8	16	12	16	20
107	Kapil Jakhar		1	1.5	2	1	2	2	1.5	2	1	16	8	20	8	16
108	Kartikay Solanki		3	3	1	2	2	3	3	1	2	8	16	16	12	20
109	Khushwant Saini		1.5	1	1	2	1	2	1	2	1	8	16	16	12	16
110	Lakshya Kumar		2	3	2	2	1.5	2	2	1	1.5	16	16	0	16	0
111	Laxman Singh		2	3	1	1	1	3	3	1	2	8	8	12	16	8
112	Manish Kumar Kumawat		1.5	2	1	3	2.5	2.5	2	2.5	2	8	12	12	12	12
113	Mo Sahil Saiyad		2	2	1	1.5	1.5	2	2	1	1.5	8	12	8	16	16
114	Mohammed Rahil		1	1	1	3	1	2	1	2	1	8	12	16	8	8
115	Mohit Chalka											0	0	16	0	16
116	Mohit Jagarwal		1	2	1	2	1	3	1.5	2	2	8	16	12	8	16
117	Mohit Sharma		1.5	2	2	1	1.5	3	1	3	3	16	8	12	12	12
118	Ms Rinku Dhewa		1	3	3	1	2	1	1	2	1	12	8	8	8	16
119	Ms.Laxmi Jagrat		1	2	1	2	1	2	2	2	1	8	16	16	8	8
120	Naitik Jagrit		2.5	2.5	2	2.5	2	2	1	1.5	1	16	20	12	20	16
121	Naveen Jangid		1	3	3	1	2	3	2	2	3	12	8	12	8	0
122	Nidhi Kumari		1.5	2	2	1	1.5	3	1	2	3	16	8	8	12	8
123	Nikhal Kumar		1	3	3	1	2	1	2	1	1	12	8	8	8	12
124	Nikita Surela		1	2	1	2	1	2	1	1.5	2	8	16	12	8	12
125	Nitin Singh Rathore		2	2	3	2	2.5	3	2	3	2	12	16	12	16	8
126	Pankaj Kumar		1	2	3	1	2	3	2	3	1	12	8	8	8	8
127	Pankaj Kumar Lamba		1	1	2	2.5	1	1	1	1	2	8	16	16	16	20
128	Pawan Kumar Mahan		1	3	3	1	2	1	2	1	1	12	8	12	8	8
129	Pavai Mishra		2	2	3	2	2.5	3	2	3	2	12	16	16	16	12
130	Piyush Sharma		1	2	3	1	2	3	2	3	1	12	8	16	8	8
131	Pooja Kumari		2	1	1	2	2.5	1	1	1	2	8	16	12	16	8



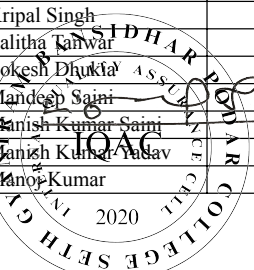
132	Pragya Sharma		1	1.5	2	1	2	2	1.5	2	1	16	8	16	8	16
133	Pramila Kumari		3	3	1	2	2	3	3	1	2	8	16	16	12	8
134	Prateek Kumawat		1.5	1	1	2	1	2	1	2	1	8	16	8	12	16
135	Priya Kanwar		2	3	2	2	1.5	2	2	1	1.5	16	16	12	16	8
136	Priyanshu Garhwal		2	3	1	1	1	3	3	1	2	8	8	12	16	16
137	Priyanshu Sharma		2	1.5	1	1.5	1	2	1		2	8	12	12	16	8
138	Rahul Kumar Jakhar		1	1	1	2	2	2	1.5		2	8	16	8	8	16
139	Rahul Saini		3	2.5	2	1	1	1	1		2	16	8	16	12	8
140	Rahul Saini		1.5	1.5	2.5	2	2	3	1	2	1	20	16	12	12	16
141	Rajiv Jangir		3	1	1	2	1	3	2.5	2	1.5	8	16	0	12	8
142	Rakesh Saini				1	1.5	2	3	1	2	3	8	12	0	0	16
143	Ram Singh		2	1	1	2	1	1	1.5	1	1	8	16	16	16	12
144	Ravi Kumar Sain		1	1.5	2	1	2	2	1	1.5	2	16	8	16	8	16
145	Rohit		1	2	2	2.5	1	3	1	3	3	16	20	16	8	16
146	Rohit Chouhan		2	1	1	2	1.5			1	2	8	16	8	16	8
147	Rohit Tanwar		2.5	2	2	2.5	2			2	2	16	20	12	20	12
148	Ronak Choudhary		1	2	1	2	1	2		3	1.5	8	16	12	8	12
149	Ronak Kumar		1	1.5	2	2.5	2	2		1	2	16	20	8	8	16
150	Rounak		1	2	1.5	2	2	2	1.5	2	1	12	16	16	8	16
151	Sachin Kumar		2	1	2	1.5	1.5	1	2	2	2.5	16	12	12	16	8
152	Sachin Saini		2	2.5	1	2	2	1.5	1	1	2	8	16	16	16	12
153	Sachin Sharma		1	2	2	1	1	3	2	2	2.5	16	8	16	8	8
154	Sakshi Chejara		2	2.5	2	2	2.5	1	2	1	2	16	16	8	16	8
155	Sandeep Kumar		1	2	1.5	2	2	2	1.5	2	2.5	12	16	16	8	16
156	Saurav Kalirawana		2	2.5	2	1.5	2.5	3	2	1	2	16	12	8	16	8
157	Sidisha		1	2	1	2		2	1			8	16	16	8	16
158	Sohil Khan		2	2.5	2.5	1	1	2	2.5	2	1	20	8	8	16	8
159	Sonam Kumari		1	2	2	2.5	1.5	1	2	1	1.5	16	20	16	8	16
160	Sumit Kumar		2	2	2.5	2	1	2	2.5	1	2	20	16	12	16	8
161	Sunil Kumar		2	1	2	2.5	1	1	2	2	1	16	20	16	16	16
162	Sunil Kumar Saini		2	1.5	1	3	2.5	2	2.5	2.5	2	8	12	12	16	16
163	Suresh Kumar		1	1	2	3	1	1	2	1	2	16	12	16	8	12
164	Umesh Dangi		2	3	1	1	1.5	2	2	1	1.5	8	8	16	16	8
165	Umesh Kumar Sogan		2	3	2	2	1	3	3	1	2	16	16	8	16	8
166	Vasim Akram		1	1	1	3	1	2	1	2	1	8	12	12	8	12
167	Vasundhra Soni		2	2.5	2	1.5	2.5	3	2	1	2	16	12	12	16	16
168	Vikas Kumar		1	2	1	2		2	1			8	16	16	8	16
169	Vikash Kumar		2	2.5	2.5	1	1	2	2.5	2	1	20	8	12	16	8
170	Vikash Kumar		1	2	2	2.5	1.5	1	2	1	1.5	16	20	12	8	12
Students Achieved the Threshold level			95	122	100	104	106	128	117	98	90	100	104	128	95	94
Total No. of Students			170	170	170	170	170	170	170	170	170	170	170	170	170	170
% Students Achieved the Threshold level			55.88	71.76	58.82	61.18	62.35	75.29	68.82	57.65	52.94	58.82	61.18	75.29	55.88	55.29
CO Level																
* 50-60%, Level 1	*60-74%, Level 2	* >74%, Level 3	Level 1	Level 2	Level 1	Level 2	Level 2	Level 3	Level 2	Level 1	Level 1	Level 1	Level 2	Level 3	Level 1	Level 1



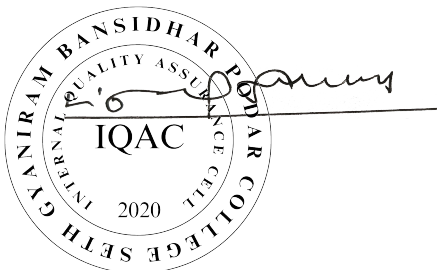


Program Name :- B.Sc.Chemistry																
CourseName:- B.Sc. III Inorganic Chemistry																
S.No.	Name of Student	Questions	First Term Test			Second Term Test			Third Term Test			Pre- University Exam				
			1	2	3	1	2	3	1	2	3	1	2	3	4	5
		Blooms Taxonomy Level	L2	L2	L3	L3	L4	L4	L3	L4	L4	L2	L4	L5	L3	L5
		CO	CO1	CO2	CO2	CO3	CO3	CO4	CO1	CO3	CO4	CO1	CO2	CO3	CO4	CO5
		Max Marks	3	3	4	3	3	4	3	3	4	20	20	20	20	20
		50%Marks										13	13	13	13	
1	Abdul Ahad Khatri		3	3	1	2	1	2	3	3	1.5	0	0	0	8	8
2	Aditya Dhaka		2		3	2	2	2	3	1	2	16	16	16	13	8
3	Aditya Saini		3	2	3	2	3	1	1	2	1	16	16	16	12	0
4	Aman Jagrawal		3	1	3	1.5	1	2	3	2	2.5	16	8	12	8	0
5	Anisha		2	1	1	2	3	1	3	1	2	12	16	14	16	16
6	Anjali Jakhar		3	2	2	2	2	2	1	1	2.5	16	8	12	13	16
7	Anjali Verma		3	2.5	3	1	1	1	2	2	2	16	16	16	16	16
8	Ankit Kumar		1	1	1	1.5	2	2	2	2.5	2.5	8	8	8	20	8
9	Ankit Kumar		3	1	1	1.5	3	1	3	1	2	12	16	14	0	12
10	Ankit Kumar Buri		3	1	2	2	1	2	3		1.5	12	8	10	13	16
11	Ankita Jangir		1	2	3	2	1	2	1	1	2	16	16	16	16	8
12	Anuj Kumar		2	2	1	3	1	2	2	2	1	16	16	16	8	16
13	Anuj Saini		2	1	2	1.5	1	1	2	1	2	13	16	20	12	12
14	Anupriya		3	2	1	1.5	3	1.5	3	2	2	12	8	10	13	12
15	Ashish Saini		3	1	2	1.5	3	2	3	2		12	12	12	12	16
16	Ashish Sankhala		1	2	1	2	1	3	3	3	2	12	16	14	13	16
17	Avinash Jangir		2	1	2	2	2	1	2	2	2	16	13	20	16	16
18	Babita Kumari		2	2	2	3	2	2	1	3	1.5	16	8	12	16	12
19	Chanchal Chawala		3	1	2	3	3	1.5	1	2	3	13	16	20	13	16
20	Chitra Sahal		3	2	1	3		2	3	3	1	13	12	18	16	16
21	Darshan Jangir		3	2	3	2	3	2	3		3	13	16	20	8	8
22	Dimpal		2	2	1.5	1	2	2	1	1		16	16	16	8	12
23	Divyansh Saini		3	1	3	2	1	1.5	1	2	2	8	16	12	16	12
24	Gunjan Kanwar		1	1.5		1.5	3	2	3	1	2	16	12	14	13	12
25	Indu Kumari		3	2	2	2	3	2	3	2	2	12	16	14	8	16
26	Jangid Arti Shaktidhar		3	1	1	1	1	2	1	2	2	16	16	16	13	16
27	Jayati Chandra		1	2	1	2	2	2	2	2	1	8	16	12	8	13
28	Jedy Tanwar		2	1.5	2	1.5	3	2	3	1	1.5	16	16	16	16	12
29	Jignesh		2	1.5	2.5	1.5	1	1.5	1	2	2	12	16	14	0	8
30	Jitesh Kumar		3	2	1	2	1	2	1	2	1	12	12	12	13	8
31	Jyoti Chawla		3	2	1		2	2	2	3	2	16	16	16	8	16
32	Jyoti Rar		1	2	1	3	3	1	3	1.5	1.5	0	16	8	16	16
33	Jyoti Saini		2	1.5	2	3	1	1.5	1	1.5	1.5	13	8	16	12	8
34	Jyoti Saini		2	2	2	2	2	1.5	2	1.5	2	13	12	18	13	8
35	Kamlesh Kumar		3	2	1	2	1	2	1	2	2	16	12	14	16	8
36	Karan Kumar Soni		3	1	2	1	2	2	2	2	2	16	16	16	13	16
37	Mamta Kumari Meena		3	1.5	1	2	1	3	1	1	1.5	8	16	12	16	13
38	Manisha		3	1.5	2	2	2	1.5	2	1	2	16	13	20	0	20
39	Monu Dhaka		3	2	1	2.5	2	1.5	2	1	2	16	12	14	13	0
40	Ms Anju		2	2	2	3	2	1.5	2	2	1	20	12	16	16	8
41	Ms Komal Saini		3	3	1	3	1	2	1	1	1.5	13	12	18	16	8
42	Ms. Sagufa Khatri		3	1.5	2	3	3	2	3	2	1.5	13	16	20	16	8
43	Muskan Saini		1	1.5	2	2	1.5	1	1.5	1.5	1.5	13	16	20	16	0
44	Muskan Shekh		3	1.5	2	1	3	1	3	2	2	16	8	12	16	0
45	Nayum Khan		1	2	1	2		1		1	2	8	8	8	8	16
46	Neha		3	2	1.5	2	3		1.5	2	1	16	8	12	8	16
47	Neha Kumari Doot		3	1	2	3	1.5		2	1.5	1.5	16	0	8	16	16
48	Nikita Kumari		1	1	1	3	3	2	1	1.5	1.5	13	0	12	8	8
49	Nikita Saini		2	1	2	3	3	2	2.5	2	2	13	16	20	12	12
50	Nitin Kumar		2	1	2	2	2	2	2		2	13	16	20	16	16
51	Pallavi Sharma		3	2	1.5	3	1	1	2.5	3	3	16	16	16	16	8
52	Palwal Kumar Boyal		3	2	2		1	1.5	2	1	1.5	13	8	16	16	20
53	Pooja Saini		1	2	1	2	2	2	2.5	2	1.5	0	12	6	16	14
54	Prestam Singh		2	2	2.5	2	2.5	1	2	2	1.5	16	16	16	12	14
55	Prenna Saini		2	2	2	3	1	2	1.5	1	2	16	8	12	16	16
56	Priyanka Chohan		3	2	2.5	2	1	1.5	2	1	3	13	16	20	0	16
57	Ranjant		3	2	2	2	1	1.5	1	2	2	16	12	14	0	8
58	Rashi Saini		3	1.5	2.5	2	2	2	2	2.5	2	16	12	14	13	18

59	Rinku Meena		2	1.5	2	2	2	2	2	1	2	16	16	16	16	16	
60	Romik		3	2	1.5		1	2		2	2	16	16	16	16	20	
61	Rupendra Singh		3	2	2	3	2	1.5		2	2	0	16	8	16	12	
62	Sachin Bugalia		3	2	1	2	1	2		1.5	1	13	12	18	16	14	
63	Sania		3	1.5	2	3	2	2	2	2	2	16	16	16	16	16	
64	Sanjay Kumar Saini		2	2	2		1	1	2	2	2	13	16	20	8	16	
65	Sapna Kumari		3	2	1.5	2	2	1.5	2	1	1	0	8	4	8	13	
66	Shivani Jangir		3	1	2	1.5		1.5	1	1.5	1	16	12	14	0	12	
67	Siddharth Ranwa		3	1.5	1	2	1.5	1.5	1.5	1.5	1.5	12	12	12	16	8	
68	Simran Sharma		3	1.5	2.5	2	1.5	2	2	2	2	16	12	14	8	8	
69	Somiya Sharma		2	2	2	2.5	2	2	1	2	2	16	16	16	12	16	
70	Sonu Dhaka		3	2	2.5	1	2	3	2	3	3	20	16	18	16	12	
71	Sonu Sharma		3	3	3	3	3	1.5	1.5	1	1.5	8	13	16	16	20	
72	Tanu Singh		1	1	3	1.5	1	1	1.5	1.5	1	13	12	18	16	14	
73	Uday Singh		1	1.5	1	2	1	1	2	1.5	1	12	8	10	16	14	
74	Uganxi Saini		3	1.5	2	2	3	2	2	2	2	16	8	12	12	16	
75	Varsha Meel		1	2	3	3	2	2	2	2	2	16	16	16	16	13	
76	Vikas Kumar		3	2	1.5	2	1	1	1.5	3	1	13	16	20	16	0	
77	Virendra Singh		2	3	2	1	3	1	2	2	1	16	8	12	8	16	
78	Virendra Singh Shekhawat		1	1.5	1	2	3	1	2	3	1	8	8	8	13	16	
79	Yogita Saini		3	2	2.5	3	3	2	1	3	1	16	8	12	16	12	
80	Aaditya Mahich		3	2	3	3	2	3	3	1	3	13	16	20	16	14	
81	Abdul Jabbar		3		2	1	1	2	2.5	1	1	13	13	13	16	12	
82	Abhisek Kumar Sunda		1	3	3	3	1	2	3	1	1	8	16	12	16	16	
83	Abhishek		2	2	2	1.5	2	2	1	1.5	1.5	13	16	20	16	8	
84	Adhiraj Singh		1	2	3	1	3	2	1	2	3	12	16	14	8	14	
85	Aditya Narayan Tiwari		2	2	1	2	1	2	1	2	1	8	16	12	0	10	
86	Akash Jangir		3	3	1	3	3	1	2	2	3	16	16	16	16	16	
87	Akash Kajla		3	1	2	2	1	1	2	2.5	1	13	8	16	8	16	
88	Akash Singh		1.5	2	1	2.5	2	2.5	2	2.5	2	16	8	12	8	20	
89	Amit Kumar											20	20	20	13	10	
90	Ankit Kumar		1	2	2	3	3	1	2	2	3	0	0	0	8	12	
91	Ankit Kumar Sunda		2	2	1	2	1	2	1	2	1	13	8	16	16	14	
92	Anshuman Singh Shekhawat		3	1	2	1	2	1	2	2	2	16	16	16	13	20	
93	Anu Kumari		2	3	1.5	1.5	1.5	2	2	3	3	8	8	8	8	12	
94	Anup		1	1	1	3	3	1	2	2	3	12	16	14	16	20	
95	Anurag Ajariwal		2	2	1	1.5	2	3	1	2	1.5	13	8	16	12	18	
96	Anushka Saini		1	2	2	3	3	3	2	1	1	12	13	18	16	20	
97	Ashish Kumar		1	2	1	2	2	3	2	3	2	13	13	13	16	16	
98	Chetan Kumar		2	1	2	2		2	2	1.5	3	16	13	20	16	12	
99	Chetna					3	2	3	3	3	3	16	16	16	12	14	
100	Chitresh Kumar		2	2.5	3	2	3	3		3	2	13	13	13	16	14	
101	Deepender Singh		2	3	3	1	2	1	2	1.5	2	16	13	20	16	16	
102	Deepika Mahala			2	3	1	2	3	2	1	2	8	8	8	16	12	
103	Deven Sharma		3	3	1	2	2	1.5	3	2	3	8	13	16	16	16	
104	Dheeraj Kumar		2	2	2	3	2	1	2	3	1	16	12	14	16	14	
105	Dhirendra Singh		2	3	1	1	2	2	2	3	2	13	8	16	12	12	
106	Dinesh Kumar		2	1	2	3	1	3	2	2	3	8	16	12	16	16	
107	Harish Jalwal		3	1	3	1	1	2	2	2	2	13	13	13	16	8	
108	Harish Kumar		1	2	3	2	2.5	2.5		2	2	8	16	12	8	16	
109	Harshita		2	1	1.5					3	3	2	16	20	18	12	18
110	Hiba Qureshi					3	1	3	3	1	2	0	0	0	12	14	
111	Himanee Jangir		2	2	1	1	2	2		2	2	13	13	13	16	16	
112	Himanshu		2	1	2	2	1	1	2	2	1	8	16	12	16	12	
113	Himanshu Kumar Saini		1	2	3	1.5	2	1.5	2	1	1	16	8	12	13	20	
114	Hitesh Jangir		3	1.5	2	3	1	3	3	3	2	12	12	12	12	14	
115	Hitesh Kumar		1	1	1	2	3	1.5	2	3	3	13	13	13	12	16	
116	Hitesh Sharma		2	1	2	3	3	3	2	3	2	16	12	14	12	18	
117	Jangbaj		2	2	1	2	3	2	2	2	1	13	13	13	16	20	
118	Jitendra Saini		2	1	1		2	2	2	1	2	16	16	16	16	20	
119	Karan Singh		1	2	2	3	3	1.5		2	1	0	16	8	8	12	
120	Khushbu Kanwar		3	1.5	1	2	2	3	3	1.5	1	13	12	18	8	8	
121	Kripal Singh		2	1	1.5	2	2	2	2	1.5	2	16	13	20	8	12	
122	Lalitha Kanwar		2	2	1	2	2	1	1.5	2	3	16	16	16	0	8	
123	Lokesh Dhukta		2	3	2	2	2	1	1	2	3	16	8	12	0	12	
124	Mandesh Saini		2	2	3	2	2	1.5	1	2	2	16	8	12	16	20	
125	Manish Kumar Saini		2	2.5	2	1	1	2	1.5	1	2	16	12	14	16	20	
126	Manish Kumar Yadav		1	1	2.5	1	1	2	2	1	2	8	16	12	16	16	
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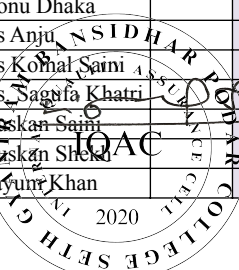
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129	Moh. Sohel Behlim		1	2	1	1.5	1	2	3	2	2.5	8	13	16	16	16
130	Mohit Buri			3	2	2	2	2	2	1	1	12	16	14	8	12
131	Mohit Soni		2	3	2	2	2	2	2	1	1	16	16	16	16	20
132	Monika Jakhar		2	1.5	3	2	1	1	1.5	2	2	16	16	16	12	14
133	Ms. Kavita Kumari		2		3	2	1.5	1	1	1.5	2	16	8	12	12	14
134	Nidhi Jakhar		1	2	1.5	1.5	2	2	2	1	1	16	8	12	16	16
135	Nidhi Saini		2	1	1	2	3	3	2	2	2	12	16	14	16	16
136	Nikita Saini											16	13	20	16	8
137	Nisha Choudhary		2	1	1		2	2	2	1	2	0	0	0	12	18
138	Nisha Saini		1	2	2	3	3	1.5		2	1	0	16	8	16	16
139	Omendra Kumar Jangir		3	1.5	1	2	2	3	3	1.5	1	13	12	18	16	20
140	Pankaj Joya		2	1	1.5	2	2	2	2	1.5	2	16	13	20	8	4
141	Pankaj Kumar Panwar		2	2	1	2	2	1	1.5	2	3	16	16	16	12	14
142	Pankaj Kumar Saini		2	3	2	2	2	1	1	2	3	16	8	12	12	12
143	Parwat Singh		2	2	3	2	2	1.5	1	2	2	16	8	12	12	14
144	Piyush Bhargav		2	2.5	2	1	1	2	1.5	1	2	16	12	14	16	16
145	Poonam		1	1	2.5	1	1	2	2	1	2	8	16	12	16	18
146	Pramveer Singh											8	16	12	13	16
147	Preeti Kumawat		2	1	3	2	2	2	2	2	1	0	0	0	12	18
148	Rahul		1	2	1.5	1	2	3	2	2.5	1	16	16	16	8	10
149	Rajveer Singh		1	2	1	1.5	1	2	3	2	2.5	8	13	16	8	12
150	Ravi Poonia			3	2	2	2	2	2	1	1	12	16	14	13	13
151	Reena Kumari		2	3	2	2	2	2	2	1	1	16	16	16	0	0
152	Ritu Nehara		2	1.5	3	2	1	1	1.5	2	2	16	16	16	16	16
153	Rohit		2		3	2	1.5	1	1	1.5	2	16	8	12	16	16
154	Ronak Jangir		1	2	1.5	1.5	2	2	2	1	1	16	8	12	8	12
155	Ronak Kumar		2	1	1	2	3	3	2	2	2	12	16	14	16	14
156	Sandeep Baroriya		1	3	2	2	2	1	1.5	2	1	16	13	20	8	12
157	Sandeep Meena		2	3	2	1	3	1	2	2	2	16	8	12	16	16
158	Sapna Rolan		1	1.5	3	3	1	2	3	2	1.5	8	8	8	8	8
159	Satyaveer Singh		1.5	1	2	2	2	3		2	1.5	13	16	20	16	14
160	Shekhar Saini		1	1	1	2	2	2	2	2	2	16	13	20	8	10
161	Sumit Kumar		2	2	1.5	2	1	2	2	1	2	16	16	16	16	16
162	Sunil Kumar		3	1.5	2	2	1.5	1	2	2	2	16	16	16	16	16
163	Sunil Kumar Saini		2	1	2	2	1	2	2	2	1	16	8	12	16	20
164	Tanushree Saini		2.5	2	2	1	2	2	2	1	1	16	16	16	8	10
165	Tejpal			3	2		2	1	2		2	8	16	12	12	12
166	Vasudev		3	2	1.5	2	1.5	1.5	2	2	2	0	8	4	16	14
167	Vibhanshu Jagrat		1.5	2.5	2	1	2	1	1	1	2	16	12	14	13	20
168	Vikas Choudhary		1	1	3	1	3	2	1	1	2	8	8	8	8	12
169	Vineet Jangir		2		1.5	3	2	2	1	3	2	8	16	12	16	20
170	Yogita		2	1	2	1	3	1.5	1	1	1	13	16	20	12	18
Students Achieved the Threshold level			124	117	117	133	113	125	123	119	121	133	124	150	125	137
Total No. of Students			170	170	170	170	170	170	170	170	170	170	170	170	170	170
% Students Achieved the Threshold level			72.94	68.82	68.82	78.24	66.47	73.53	72.35	70.00	71.18	78.24	72.94	88.24	73.53	80.59
CO Level																
* 50-60%, Level 1	*60-74%, Level 2	* >74% , Level 3	Level 2	Level 2	Level 2	Level 3	Level 2	Level 2	Level 2	Level 2	Level 2	Level 3	Level 2	Level 3	Level 2	Level 3



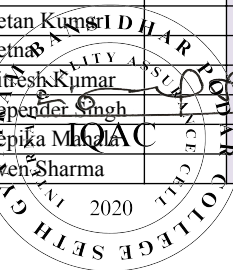


Analysis of Internal Assessment B.Sc.Chemistry 2022-23

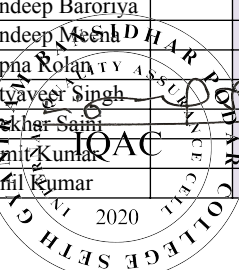
Program Name :- B.Sc.Chemistry																
CourseName:- B.Sc. II Physical Chemistry																
S.No.	Name of Student	Blooms Taxonomy Level	First Term Test			Second Term Test			Third Term Test			Pre- University Exam				
			1	2	3	1	2	3	1	2	3	1	2	3	4	5
		CO	CO1	CO2	CO2	CO3	CO3	CO4	CO1	CO3	CO4	CO1	CO2	CO3	CO4	CO5
		Max Marks	3	3	4	3	3	4	3	3	4	20	20	20	20	20
		50% Marks														
1	Abdul Ahad Khatri		3	3	1	2	1	2	3	3	1.5	0	0	0	8	8
2	Aditya Dhaka		2		3	2	2	2	3	1	2	16	16	16	13	8
3	Aditya Saini		3	2	3	2	3	1	1	2	1	16	16	16	12	0
4	Aman Jagrawal		3	1	3	1.5	1	2	3	2	2.5	16	8	12	8	0
5	Anisha		2	1	1	2	3	1	3	1	2	12	16	14	16	16
6	Anjali Jakhar		3	2	2	2	2	2	1	1	2.5	16	8	12	13	16
7	Anjali Verma		3	2.5	3	1	1	1	2	2	2	16	16	16	16	16
8	Ankit Kumar		1	1	1	1.5	2	2	2	2.5	2.5	8	8	8	20	8
9	Ankit Kumar		3	1	1	1.5	3	1	3	1	2	12	16	14	0	12
10	Ankit Kumar Buri		3	1	2	2	1	2	3		1.5	12	8	10	13	16
11	Ankita Jangir		1	2	3	2	1	2	1	1	2	16	12	15	16	8
12	Anuj Kumar		2	2	1	3	1	2	2	2	1	16	13	16	8	16
13	Anuj Saini		2	1	2	1.5	1	1	2	1	2	13	16	17	12	12
14	Anupriya		3	2	1	1.5	3	1.5	3	2	2	12	8	10	13	12
15	Ashish Saini		3	1	2	1.5	3	2	3	2		12	12	12	12	16
16	Ashish Sankhala		1	2	1	2	1	3	3	3	2	12	16	14	13	16
17	Avinash Jangir		2	1	2	2	2	1	2	2	2	16	13	20	16	16
18	Babita Kumari		2	2	2	3	2	2	1	3	1.5	16	8	12	16	12
19	Chanchal Chawala		3	1	2	3	3	1.5	1	2	3	13	16	20	13	16
20	Chitra Sahal		3	2	1	3		2	3	3	1	13	12	18	16	16
21	Darshan Jangir		3	2	3	2	3	2	3		3	13	16	20	8	8
22	Dimpal		2	2	1.5	1	2	2	1	1		16	16	16	8	12
23	Divyansh Saini		3	1	3	2	1	1.5	1	2	2	8	16	12	16	12
24	Gunjan Kanwar		1	1.5		1.5	3	2	3	1	2	16	12	14	13	12
25	Indu Kumari		3	2	2	2	3	2	3	2	2	12	16	14	8	16
26	Jangid Arti Shaktidhar		3	1	1	1	1	2	1	2	2	16	16	16	13	16
27	Jayati Chandra		1	2	1	2	2	2	2	2	1	8	16	12	8	13
28	Jedy Tanwar		2	1.5	2	1.5	3	2	3	1	1.5	16	16	16	16	12
29	Jignesh		2	1.5	2.5	1.5	1	1.5	1	2	2	12	16	14	0	8
30	Jitesh Kumar		3	2	1	2	1	2	1	2	1	12	12	12	13	8
31	Jyoti Chawla		3	2	1		2	2	2	3	2	16	15	16	8	16
32	Jyoti Rar		1	2	1	3	3	1	3	1.5	1.5	0	16	8	16	16
33	Jyoti Saini		2	1.5	2	3	1	1.5	1	1.5	1.5	13	8	16	12	8
34	Jyoti Saini		2	2	2	2	2	1.5	2	1.5	2	13	12	18	13	8
35	Kamlesh Kumar		3	2	1	2	1	2	1	2	2	16	12	14	16	8
36	Karan Kumar Soni		3	1	2	1	2	2	2	2	2	16	14	16	13	16
37	Mamta Kumari Meena		3	1.5	1	2	1	3	1	1	1.5	8	16	12	16	13
38	Manisha		3	1.5	2	2	2	1.5	2	1	2	16	13	20	0	20
39	Monu Dhaka		3	2	1	2.5	2	1.5	2	1	2	16	12	14	13	0
40	Ms Anju		2	2	2	3	2	1.5	2	2	1	15	12	16	16	8
41	Ms Komal Saini		3	3	1	3	1	2	1	1	1.5	13	12	18	16	8
42	Ms Sagufa Khatri		3	1.5	2	3	3	2	3	2	1.5	13	16	20	16	8
43	Maskan Saini		1	1.5	2	2	1.5	1	1.5	1.5	1.5	13	16	20	16	0
44	Maskan Sheikh		3	1.5	2	1	3	1	3	2	2	16	8	12	16	0
45	Nayim Khan		1	2	1	2		1		1	2	8	8	8	8	16



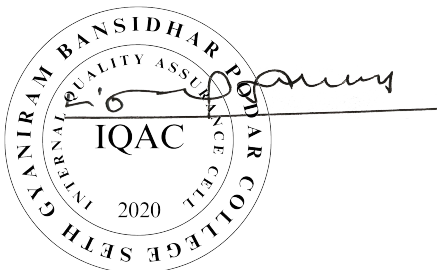
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47	Neha Kumari Doot		3	1	2	3	1.5		2	1.5	1.5	16	0	8	16	16
48	Nikita Kumari		1	1	1	3	3	2	1	1.5	1.5	13	0	12	8	8
49	Nikita Saini		2	1	2	3		2	2.5	2	2	13	16	20	12	12
50	Nitin Kumar		2	1	2	2	2	2	2		2	13	16	20	16	16
51	Pallavi Sharma		3	2	1.5	3	1	1	2.5	3	3	16	16	16	16	8
52	Palwal Kumar Boyal		3	2	2		1	1.5	2	1	1.5	13	8	16	16	20
53	Pooja Saini		1	2	1	2	2	2	2.5	2	1.5	0	12	6	16	14
54	Preetam Singh		2	2	2.5	2	2.5	1	2	2	1.5	16	15	16	12	14
55	Prerna Saini		2	2	2	3	1	2	1.5	1	2	16	8	12	16	16
56	Priyanchal Chouhan		3	2	2.5	2	1	1.5	2	1	3	13	16	20	0	16
57	Rajnikant		3	2	2	2	1	1.5	1	2	2	16	12	14	0	8
58	Rashi Saini		3	1.5	2.5	2	2	2	2	2.5	2	16	12	14	13	18
59	Rinku Meena		2	1.5	2	2	2	2	2	1	2	16	12	16	13	16
60	Romik		3	2	1.5		1	2		2	2	16	15	16	16	17
61	Rupendra Singh		3	2	2	3	2	1.5		2	2	0	16	8	16	12
62	Sachin Bugalia		3	2	1	2	1	2		1.5	1	13	12	18	16	14
63	Sania		3	1.5	2	3	2	2	2	2	2	16	12	15	13	16
64	Sanjay Kumar Saini		2	2	2		1	1	2	2	2	13	16	20	8	16
65	Sapna Kumari		3	2	1.5	2	2	1.5	2	1	1	0	8	4	8	13
66	Shivani Jangir		3	1	2	1.5		1.5	1	1.5	1	16	12	14	0	12
67	Siddharth Ranwa		3	1.5	1	2	1.5	1.5	1.5	1.5	1.5	12	12	12	16	8
68	Simran Sharma		3	1.5	2.5	2	1.5	2	2	2	2	16	12	14	8	8
69	Somiya Sharma		2	2	2	2.5	2	2	1	2	2	16	12	16	12	16
70	Sonu Dhaka		3	2	2.5	1	2	3	2	3	3	13	16	18	16	12
71	Sonu Sharma		3	3	3	3	3	1.5	1.5	1	1.5	8	13	16	16	20
72	Tanu Singh		1	1	3	1.5	1	1	1.5	1.5	1	13	12	18	16	14
73	Uday Singh		1	1.5	1	2	1	1	2	1.5	1	12	8	10	16	14
74	Uganxi Saini		3	1.5	2	2	3	2	2	2	2	16	8	12	12	16
75	Varsha Meel		1	2	3	3	2	2	2	2	2	16	16	16	16	13
76	Vikas Kumar		3	2	1.5	2	1	1	1.5	3	1	13	16	20	16	0
77	Virendra Singh		2	3	2	1	3	1	2	2	1	16	8	12	8	16
78	Virendra Singh Shekhawat		1	1.5	1	2	3	1	2	3	1	8	8	8	13	16
79	Yogita Saini		3	2	2.5	3	3	2	1	3	1	16	8	12	16	12
80	Aaditya Mahich		3	2	3	3	2	3	3	1	3	13	16	20	16	14
81	Abdul Jabbar		3		2	1	1	2	2.5	1	1	13	13	13	16	12
82	Abhishek Kumar Sunda		1	3	3	3	1	2	3	1	1	8	16	12	16	16
83	Abhishek		2	2	2	1.5	2	2	1	1.5	1.5	13	16	20	16	8
84	Adhiraj Singh		1	2	3	1	3	2	1	2	3	12	16	14	8	14
85	Aditya Narayan Tiwari		2	2	1	2	1	2	1	2	1	8	16	12	0	10
86	Akash Jangir		3	3	1	3	3	1	2	2	3	16	16	16	16	16
87	Akash Kajla		3	1	2	2	1	1	2	2.5	1	13	8	16	8	16
88	Akash Singh		1.5	2	1	2.5	2	2.5	2	2.5	2	16	8	12	8	20
89	Amit Kumar											20	20	20	13	10
90	Ankit Kumar		1	2	2	3	3	1	2	2	3	0	0	0	8	12
91	Ankit Kumar Sunda		2	2	1	2	1	2	1	2	1	13	8	16	16	14
92	Anshuman Singh Shekhawat		3	1	2	1	2	1	2	2	2	16	16	16	13	20
93	Anu Kumari		2	3	1.5	1.5	1.5	2	2	3	3	8	8	8	8	12
94	Anup		1	1	1	3	3	1	2	2	3	12	16	14	16	20
95	Anurag Ajariwal		2	2	1	1.5	2	3	1	2	1.5	13	8	16	12	18
96	Anushka Saini		1	2	2	3	3	3	2	1	1	12	13	18	16	20
97	Ashish Kumar		1	2	1	2	2	3	2	3	2	13	13	13	16	16
98	Chetan Kumar		2	1	2	2	2	2	2	1.5	3	16	13	20	16	12
99	Chetna					3	2	3	3	3	3	16	16	16	12	14
100	Chirish Kumar				3	2	3	3		3	2	13	13	13	16	14
101	Deepender Singh		2	3	3	1	2	1	2	1.5	2	16	13	20	16	16
102	Deepika Mahala			2	3	1	2	3	2	1	2	8	8	8	16	12
103	Deven Sharma		3	3	1	2	2	1.5	3	2	3	8	13	16	16	16



104	Dheeraj Kumar		2	2	2	3	2	1	2	3	1	16	12	14	16	14
105	Dhirendra Singh		2	3	1	1	2	2	2	3	2	13	8	16	12	12
106	Dinesh Kumar		2	1	2	3	1	3	2	2	3	8	16	12	16	16
107	Harish Jalwal		3	1	3	1	1	2	2	2	2	13	14	13	16	8
108	Harish Kumar		1	2	3	2	2.5	2.5		2	2	8	16	12	8	16
109	Harshita		2	1	1.5				3	3	2	16	20	18	12	18
110	Hiba Qureshi					3	1	3	3	1	2	0	0	0	12	14
111	Himanee Jangir		2	2	1	1	2	2		2	2	13	15	13	16	16
112	Himanshu		2	1	2	2	1	1	2	2	1	8	16	12	16	12
113	Himanshu Kumar Saini		1	2	3	1.5	2	1.5	2	1	1	16	8	12	13	20
114	Hitesh Jangir		3	1.5	2	3	1	3	3	3	2	12	10	13	12	14
115	Hitesh Kumar		1	1	1	2	3	1.5	2	3	3	13	13	13	12	16
116	Hitesh Sharma		2	1	2	3	3	3	2	3	2	16	12	14	12	18
117	Jangbaj		2	2	1	2	3	2	2	2	1	13	13	13	16	20
118	Jitendra Saini		2	1	1		2	2	2	1	2	16	14	16	13	20
119	Karan Singh		1	2	2	3	3	1.5		2	1	0	16	8	8	12
120	Khushbu Kanwar		3	1.5	1	2	2	3	3	1.5	1	13	12	18	8	8
121	Kripal Singh		2	1	1.5	2	2	2	2	1.5	2	16	13	20	8	12
122	Lalitha Tanwar		2	2	1	2	2	1	1.5	2	3	16	15	16	0	8
123	Lokesh Dhukia		2	3	2	2	2	1	1	2	3	16	8	12	0	12
124	Mandeep Saini		2	2	3	2	2	1.5	1	2	2	16	8	12	16	20
125	Manish Kumar Saini		2	2.5	2	1	1	2	1.5	1	2	16	12	14	16	20
126	Manish Kumar Yadav		1	1	2.5	1	1	2	2	1	2	8	16	12	16	16
127	Manoj Kumar		2	1	3	2	2	2	2	2	1	8	16	12	8	16
128	Manshi Sharma		1	2	1.5	1	2	3	2	2.5	1	16	14	16	12	6
129	Moh. Sohel Behlim		1	2	1	1.5	1	2	3	2	2.5	8	13	16	16	16
130	Mohit Buri			3	2	2	2	2	2	1	1	12	16	14	8	12
131	Mohit Soni		2	3	2	2	2	2	2	1	1	16	15	14	16	20
132	Monika Jakhar		2	1.5	3	2	1	1	1.5	2	2	16	15	16	12	14
133	Ms. Kavita Kumari		2		3	2	1.5	1	1	1.5	2	16	8	12	12	14
134	Nidhi Jakhar		1	2	1.5	1.5	2	2	2	1	1	16	8	12	16	16
135	Nidhi Saini		2	1	1	2	3	3	2	2	2	12	16	14	16	16
136	Nikita Saini											16	13	20	16	8
137	Nisha Choudhary		2	1	1		2	2	2	1	2	0	0	0	12	18
138	Nisha Saini		1	2	2	3	3	1.5		2	1	0	16	8	16	16
139	Omendra Kumar Jangir		3	1.5	1	2	2	3	3	1.5	1	13	12	18	16	20
140	Pankaj Joya		2	1	1.5	2	2	2	2	1.5	2	16	13	20	8	4
141	Pankaj Kumar Panwar		2	2	1	2	2	1	1.5	2	3	16	16	16	12	14
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143	Parwat Singh		2	2	3	2	2	1.5	1	2	2	16	8	12	12	14
144	Piyush Bhargav		2	2.5	2	1	1	2	1.5	1	2	16	12	14	16	16
145	Poonam		1	1	2.5	1	1	2	2	1	2	8	16	12	16	18
146	Pramveer Singh											8	16	12	13	16
147	Preeti Kumawat		2	1	3	2	2	2	2	2	1	0	0	0	12	18
148	Rahul		1	2	1.5	1	2	3	2	2.5	1	16	12	16	8	10
149	Rajveer Singh		1	2	1	1.5	1	2	3	2	2.5	8	13	16	8	12
150	Ravi Poonia			3	2	2	2	2	2	1	1	12	16	14	13	13
151	Reena Kumari		2	3	2	2	2	2	2	1	1	16	15	16	6	0
152	Ritu Nehara		2	1.5	3	2	1	1	1.5	2	2	16	25	16	14	16
153	Rohit		2		3	2	1.5	1	1	1.5	2	16	8	12	16	16
154	Ronak Jangir		1	2	1.5	1.5	2	2	2	1	1	16	8	12	8	12
155	Ronak Kumar		2	1	1	2	3	3	2	2	2	12	16	14	16	14
156	Sandeep Baroriya		1	3	2	2	2	1	1.5	2	1	16	13	20	8	12
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158	Sapna Rola		1	1.5	3	3	1	2	3	2	1.5	8	8	8	8	8
159	Satyaveer Singh		1.5		2	2	2	3		2	1.5	13	16	20	16	14
160	Shakhar Saini		1	1	1	2	2	2	2	2	2	16	13	20	8	10
161	Sumit Kumar		2	2	1.5	2	1	2	2	1	2	15	14	16	15	16
162	Sunil Kumar		3	1.5	2	2	1.5	1	2	2	2	16	14	16	14	16



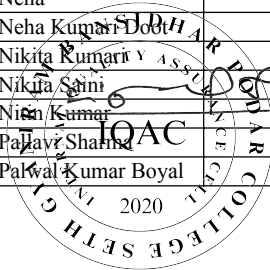
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165	Tejpal			3	2		2	1	2		2	8	16	12	12	12
166	Vasudev		3	2	1.5	2	1.5	1.5	2	2	2	0	8	4	16	14
167	Vibhanshu Jagrat		1.5	2.5	2	1	2	1	1	1	2	16	12	14	13	20
168	Vikas Choudhary		1	1	3	1	3	2	1	1	2	8	8	8	8	12
169	Vineet Jangir		2		1.5	3	2	2	1	3	2	8	16	12	16	20
170	Yogita		2	1	2	1	3	1.5	1	1	1	13	16	16	12	18
Students Achieved the Threshold level			124	117	117	133	113	125	123	119	121	133	123	150	125	137
Total No. of Students			170	170	170	170	170	170	170	170	170	170	170	170	170	170
% Students Achieved the Threshold level			72.94	68.82	68.82	78.24	66.47	73.53	72.35	70.00	71.18	78.24	72.35	88.24	73.53	80.59
CO Level																
* 50-60%, Level 1	0-74%, Level 2	* >74%, Level 3	Level 2	Level 2	Level 2	Level 3	Level 2	Level 2	Level 2	Level 2	Level 2	Level 3	Level 2	Level 3	Level 2	Level 3





Analysis of Internal Assessment B.Sc.Chemistry 2022-23

Program Name :- B.Sc.Chemistry																
CourseName:- B.Sc. II Physical Chemistry																
S.No.	Name of Student	Blooms Taxonomy Level	First Term Test			Second Term Test			Third Term Test			Pre- University Exam				
			1	2	3	1	2	3	1	2	3	1	2	3	4	5
		CO	CO1	CO2	CO2	CO3	CO3	CO4	CO1	CO3	CO4	CO1	CO2	CO3	CO4	CO5
		Max Marks	3	3	4	3	3	4	3	3	4	20	20	20	20	20
		50% Marks														
1	Abdul Ahad Khatri		2	1	2	3	2	2	1.5	2	3	8	16	12	16	13
2	Aditya Dhaka		3	2	1.5	1	3	1.5	1	2	3	16	13	16	0	20
3	Aditya Saini		3	2	2	2	1	2	1	2	2	16	12	14	13	0
4	Aman Jagrawal		1	2	1	2	2	2	1.5	1	2	15	11	16	16	8
5	Anisha		2	2	2.5	2	3	1	2	1	2	13	12	18	16	8
6	Anjali Jakhar		2	2	2	1.5	1	2				13	16	15	12	8
7	Anjali Verma		3	2	2.5	2	3	1	2	2	1	13	16	14	16	0
8	Ankit Kumar		3	2	2	2	2	2	2	2.5	1	16	0	12	16	0
9	Ankit Kumar		3	1.5	2.5	1	1	1	3	2	2.5	8	9	10	8	13
10	Ankit Kumar Buri		1	2	2	1.5	2	2	2	1	1	13	16	19	8	16
11	Ankita Jangir		1	2	1	1.5	3	1	2	1	1	0	8	4	8	13
12	Anuj Kumar		3	2	3	2	1	2	1.5	2	2	16	12	14	0	12
13	Anuj Saini		2	2	1.5	2	1	2	1	1.5	2	12	15	0	16	8
14	Anupriya		3	1	3		2	2	2	1	1	16	14	14	8	8
15	Ashish Saini		1	1.5		3	3	1	2	2	2	16	12	0	12	16
16	Ashish Sankhala		3	2	2	3	1	1.5	1.5	2	1	13	16	18	16	12
17	Avinash Jangir		3	1	1	2	2	1.5	2	2	2	8	0	16	16	20
18	Babita Kumari		1	2	1	2	1	2	3	2	1.5	13	12	13	13	14
19	Chanchal Chawala		2	1.5	2	1	2	2		2	1.5	12	8	0	16	14
20	Chitra Sahal		2	1.5	2.5	2	1	3	2	2	2	16	8	12	12	16
21	Darshan Jangir		3	2	1	2	2	1.5	2	1	1	13	16	16	13	16
22	Dimpal		3	2	1	1.5	3	2	1.5	2	2	12	12	18	16	16
23	Divyansh Saini		1	2	1	1.5	1	1.5	1	1.5	2	13	16	16	8	8
24	Gunjan Kanwar		2	1.5	2	3	1	2	2	1	1	16	13	12	8	12
25	Indu Kumari		2	2	2	3	3	2	2	2	2	8	16	12	16	12
26	Jangid Arti Shaktidhar		3	2	1	2	1.5	1				16	12	14	13	12
27	Jayati Chandra		3	1	2	1	3	1	2	1	2	12	16	0	8	16
28	Jedy Tanwar		3	1.5	1	2		1		2	1	16	13	12	12	12
29	Jignesh		3	1.5	2	2	3		3	1.5	1	13	16	8	12	16
30	Jitesh Kumar		3	2	1	3	1.5		2	1.5	2	16	17	10	12	14
31	Jyoti Chawla		3	2	1.5	3	3	2	3	1	3	8	12	13	12	13
32	Jyoti Rar		3	2	3	3		2	2.5	1	1	16	12	12	16	16
33	Jyoti Saini		2	2	1.5	2	2	2	3	1	1	12	16	14	0	8
34	Jyoti Saini		3	1	3	3	1	1	1	1.5	1.5	12	11	12	13	8
35	Kamlesh Kumar		1	1.5			1	1.5	1	2	3	16	15	0	8	16
36	Karan Kumar Soni		3	2	2	2	2	2	1	2	1	0	16	8	16	16
37	Mamta Kumari Meena		3	1	1	2	2.5	1	2	2	3	13	8	16	12	8
38	Manisha		1	2	1	3	1	2	2	2.5	1	13	12	18	13	8
39	Monu Dhaka		2	1.5	2	2	1	1.5	2	2.5	2	16	12	14	16	8
40	Ms Anju		2	1.5	2.5	2	1	1.5				15	14	0	13	16
41	Ms Komal Saini		1	2	1	2	2	2	2	2	3	16	8	0	16	12
42	Ms. Sagufa Khatri		3	2	1	2	2	2	1	2	1	13	16	14	13	16
43	Muskan Saini		1	2	1		1	2	2	2	2	12	12	18	16	16
44	Muskan Shekh		2	1.5	2	3	2	2	2	3	3	13	16	16	8	8
45	Nayum Khan		2	2	2	2	1	1	2	2	3	16	15	16	8	12
46	Neha		3	2	1	1	3	1	1	2	1.5	8	16	12	16	12
47	Neha Kumar Doda		3	1	2	2	3	1	2	1	1	16	12	14	13	12
48	Nikita Kumari		3	1.5	1	3	3	2	2	3	2	12	16	14	8	16
49	Nikita Saini		1.5	2		3	2	3	2	1.5	3	16	16	16	13	16
50	Nien Kumar		3	2	1	1	1	2	3	3	3	8	0	12	8	13
51	Palavv Sharma		2	2	2	3	1	2		3	2	16	16	13	13	13
52	Palwal Kumar Boyal		3	3	1	3		2		2	2	13	8	16	12	16



53	Pooja Saini		3	1.5	2	2	2	2	2	2	1	16	12	15	18	17	
54	Preetam Singh		1	1.5	2	2	1	2	2	1	1	15	15	13	16	8	
55	Prerna Saini		3	1.5	2	2	1	2	3	3	2	16	12	16	12	12	
56	Priyanchal Chouhan		1	2	1	3	1	2	2	3	3	0	12	16	16	13	
57	Rajnikant		3	2	1.5	1.5	1	1	2	3	2	10	13	16	8	12	
58	Rashi Saini		3	1	2	1.5	3	1.5	2	2	1	12	16	8	16	12	
59	Rinku Meena		1	1	1	1.5	3	2	2	1	2	12	8	10	13	16	
60	Romik		2	1	2	2	1	3		2	1	16	12	15	16	8	
61	Rupendra Singh		2	1	2	2	2	1	3	1.5	1	16	13	16	8	16	
62	Sachin Bugalia		3	2	1.5	3	2	2	2	1.5	2	13	16	17	12	12	
63	Sania		3	2	2	3	3	1.5	1.5	2	3	12	8	10	13	12	
64	Sanjay Kumar Saini		1	2	1	3		2	1	2	3	12	0	12	12	16	
65	Sapna Kumari		2	2	2.5	2	3	2	1	2	2	12	16	14	13	16	
66	Shivani Jangir		2	2	2	1	2	2	1.5	1	2	16	13	20	16	16	
67	Siddharth Ranwa		3	2	2.5	2	1	1.5	2	1	2	16	8	12	16	12	
68	Simran Sharma		2	2	2	1.5	3	2	2	2	1	13	16	16	13	16	
69	Somiya Sharma		3	1.5	2.5	2	3	2	2	2.5	1	12	12	18	16	16	
70	Sonu Dhaka		2	1.5	2	1	1	2	3	2	2.5	13	16	16	8	8	
71	Sonu Sharma		3	2	1	2	2	2	2	1	1	16	13	12	8	12	
72	Tanu Singh		2	2	2	1.5	2	2	3	1	3	8	16	12	16	12	
73	Uday Singh		3	3	1	1	3	2	2.5	1	1	16	12	14	13	12	
74	Uganxi Saini		3	1.5	2	2	1	2	3	1	1	12	16	0	8	16	
75	Varsha Meel		1	1.5	2	3	3	1	1	1.5	1.5	16	13	12	12	12	
76	Vikas Kumar		3	1.5	2	2	1	1	1	2	3	13	16	8	12	16	
77	Virendra Singh		1	2	1	2.5	2	2.5	1	2	2	16	17	10	12	14	
78	Virendra Singh Shekhawat		3	2	1.5				2	2	3	8	12	13	12	13	
79	Yogita Saini		3	1	2	3	3	1	2	2.5	1	16	12	12	16	16	
80	Aaditya Mahich		3	2	3	3	3	1	3		3	8	16	12	8	16	
81	Abdul Jabbar		3		2	2	1	2	1	1	2	16	16	16	12	6	
82	Abhisek Kumar Sunda		1	3	3	1	2	1	1	2	2	8	13	16	16	16	
83	Abhishek		2	2	2	1.5	1.5	2	3	1	2	12	16	14	8	12	
84	Adhiraj Singh		1	2	3	3	3	1	3	2	2	16	12	16	16	15	
85	Aditya Narayan Tiwari		2	2	1	1.5	2	3	1	2	2	16	16	16	12	14	
86	Akash Jangir		3	3	1	3	3	3	2	2	3	16	8	12	12	14	
87	Akash Kajla		3	1	2	2	2	3	3	1	1.5	16	8	12	16	16	
88	Akash Singh		1.5	2	1	2		2	1	2	2	12	16	14	12	16	
89	Amit Kumar					3	2	3	1	2	3	16	13	15	16	8	
90	Ankit Kumar		1	2	2	2	3	3	2	3	2	0	0	0	12	18	
91	Ankit Kumar Sunda		2	2	1	2	2	2	3	1.5	1.5	0	16	8	16	16	
92	Anshuman Singh Shekhawat		3	1	2	2	2	1	1	1.5	3	13	12	18	16	20	
93	Anu Kumari		2	3	1.5	2	2	1	2	1.5	3	16	13	14	8	4	
94	Anup		1	1	1	2	2	1.5	1	2	2	16	16	16	12	14	
95	Anurag Ajariwal		2	2	1	1	1	2	2	2	2	12	8	12	10	12	
96	Anushka Saini		1	2	2	1	1	2	1	1	1.5	16	8	12	12	14	
97	Ashish Kumar		1	2	1	2	2	2	2	1	2	16	12	14	16	16	
98	Chetan Kumar		2	1	2	1	2	3	2	1	2	8	16	12	16	18	
99	Chetna					1.5	1	2	2	2	1	8	16	12	13	16	
100	Chitresh Kumar		2	2.5	3	3	2	3	1	1	1.5	13	13	8	13	12	
101	Deepender Singh		2	3	3	1	1	2	3	2	1.5	16	12	16	16	16	
102	Deepika Mahala			2	3	3	1	2	1.5	1.5	1.5	19	13	12	16	14	
103	Deven Sharma		3	3	1	1.5	2	2	3	2	2	16	16	15	14	12	
104	Dheeraj Kumar		2	2	2	1	3	2		1	2	14	12	16	8	14	
105	Dhirendra Singh		2	3	1	2	1	2	1.5	2	2	16	15	8	13	12	
106	Dinesh Kumar		2	1	2	3	3	1	2	1.5	1.5	16	16	13	12	8	
107	Harish Jalwal		3	1	3	2	1	1	1	1.5	1.5	16	18	16	18	10	
108	Harish Kumar		1	2	3	2.5	2	2.5	2.5	2	2	12	16	15	16	16	
109	Harshita		2	1	1.5				2		2	16	12	15	14	14	
110	Hiba Qureshi		1	1	1	2	2	2	3	3	4	8	8	8	13	16	
111	Himanee Jangir		2	2	1.5	2	2	2			2	16	8	12	16	12	
112	Himanshu		3	1.5	2	2	1	1	3	3	1.5	13	16	16	13	14	
113	Himanshu Saini		2	1	2	2	1.5	1	3	2	2	13	13	13	16	12	
114	Hitesh Jangir					2	2	2	1	2	3	8	16	12	15	16	
115	Hitesh Kumar					3	2	3	3	3	2	2.5	13	14	18	16	8
116	Hitesh Sharma		3	2	1.5				3	3	2	12	16	14	8	14	
117	Jangbat		1.5	2.5	2		2	2	1	2	2.5	8	14	12	0	10	
118	Jitendra Saini		1	1	3	3	3	1.5	2	2	2	16	16	16	16	16	

119	Karan Singh		2		1.5	2	2	3	2	2.5	2.5	13	8	16	8	16
120	Khushbu Kanwar		2	1	2	2	2	2	3	2	2	16	8	12	8	20
121	Kripal Singh		2	1	1.5	1	2	1	3	2	1.5	15	20	16	13	10
122	Lalitha Tanwar		2	2	1	1	2	3	1	2	2	0	12	0	8	12
123	Lokesh Dhukia		2	3	2	2	2	1.5	2	2	1	13	8	16	16	14
124	Mandeep Saini		2	2	3	3	2	1	2	1	2	16	16	16	13	20
125	Manish Kumar Saini		2	2.5	2	1	2	2	3	2	2	8	9	10	8	12
126	Manish Kumar Yadav		1	1	2.5	3	1	3	3	2	3	12	16	14	16	20
127	Manoj Kumar		2	1	3	1	1	2	3	3	2	13	8	16	12	18
128	Manshi Sharma		1	2	1.5	2	2.5	2.5	2	2	2	12	13	18	16	20
129	Moh. Sohel Behlim		1	2	1			1.5	1	3	1.5	13	12	13	14	16
130	Mohit Buri			3	2	2	2	3	1	2	3	16	13	15	16	12
131	Mohit Soni		1	2	3	2	2	2	3	3	1	16	16	16	12	14
132	Monika Jakhar		3	1.5	2	2	1	2	2.5	3	3	13	13	13	16	14
133	Ms. Kavita Kumari		1	1	1	2	1.5	2	2	1	1.5	16	12	15	16	16
134	Nidhi Jakhar		2	1	2	1.5	2	2	2.5	2	1.5	12	13	16	8	12
135	Nidhi Saini		2	2	1	2	3	3	2	2	1.5	16	15	16	0	8
136	Nikita Saini		2	1	1	2	2	1	1.5	1	2	13	8	12	0	12
137	Nisha Choudhary		1	2	2	1	3	1	2	2	3	16	8	12	16	20
138	Nisha Saini					3	1	2	1	2	2	16	12	14	16	20
139	Omendra Kumar Jangir		2	2	1	2	2	3	2	2.5	2	8	16	12	15	16
140	Pankaj Joya		2	1	2	2	2	2	2	2	2	8	0	16	8	12
141	Pankaj Kumar Panwar		1	2	3	2	1	2		2	2	12	16	14	13	13
142	Pankaj Kumar Saini		3	1.5	2	2	1.5	1	1.5	2	3	16	15	16	6	0
143	Parwat Singh		1	1	1	2	1	2	1	2	3	16	0	16	14	16
144	Piyush Bhargav		2	1	2	1	2	2	1	2	2	10	8	12	16	16
145	Poonam		2	2	1		2	2	1.5	3	2	16	8	12	8	12
146	Pramveer Singh		2	1	1	2	1.5	1.5	2	2	2	12	16	14	16	14
147	Preeti Kumawat		1	2	2	1	2	2	2	2	3	16	13	15	8	12
148	Rahul		3	1.5	1	1	3	2	2	2.5	2	16	8	12	16	16
149	Rajveer Singh		2	3	2	1	2	2	3	2	2.5	8	8	8	8	8
150	Ravi Poonia		2	1.5	3	2	2	3	2	1	1	16	12	14	16	20
151	Reena Kumari		2		3	1	1	2	2	1	1	8	16	12	15	16
152	Ritu Nehara		1	2	1.5	3	1	2	1.5	2	3	8	16	12	8	16
153	Rohit		2	1	1	1.5	2	2	3	2	3	16	16	16	12	6
154	Ronak Jangir		1	3	2	1	3	2	1.5	2	3	8	13	16	16	16
155	Ronak Kumar		2	3	2	2	1	2	1	2	3	12	16	14	8	12
156	Sandeep Baroriya		1	1.5	3	2	3	1	1.5	3	1	16	12	16	16	15
157	Sandeep Meena		1.5	1	2	2	1	2	3	1	2	16	16	16	12	14
158	Sapna Rolan			3	2	2.5	2	2.5	1.5	2	3	16	8	12	12	14
159	Satyaveer Singh		1	2	3			2	1	3	3	16	8	12	16	16
160	Shekhar Saini		3	1.5	2	2	3	3	2	3	2	12	16	14	16	16
161	Sumit Kumar		1	1	1	2	2	2	1.5	2	3	16	8	12	13	16
162	Sunil Kumar		2	1	2	2	2	1.2	2	1	2	16	16	16	16	16
163	Sunil Kumar Saini		2	2	1	2	2	2	2	1	2	8	8	8	20	8
164	Tanushree Saini		2	1	1	1	2	1.5	2	1	3	12	16	14	0	12
165	Tejpal		1	2	2	1	1	2	2	2	3	12	8	10	13	16
166	Vasudev		3	1.5	1	1	1	2	2	2	2	16	12	15	16	8
167	Vibhanshu Jagrat		2	3	2	2	2	2	1.5	3	2	16	13	16	8	16
168	Vikas Choudhary		3	3	1	1	2	3	2	2	2	13	16	17	12	12
169	Vineet Jangir		2		3	1.5	1	2	3	2	1.5	12	8	10	13	12
170	Yogita		3	2	3	2	2	2	2	2	1.5	12	12	12	12	16
Students Achieved the Threshold level			122	125	114	130	110	131	125	127	133	140	130	149	128	141
Total No. of Students			170	170	170	170	170	170	170	170	170	170	170	170	170	170
% Students Achieved the Threshold level			71.76	73.53	67.06	76.47	64.71	77.06	73.53	74.71	78.24	82.35	76.47	87.65	75.29	82.94
CO Level																
* 50-60%, Level 1	*60-74%, Level 2	* >74%, Level 3	Level 2	Level 2	Level 2	Level 3	Level 2	Level 3	Level 2	Level 3	Level 3	Level 3	Level 3	Level 3	Level 3	Level 3



Department of Chemistry
 Calculation of Attainment of CO's through Internal Assessment
 Name of Program:- B.Sc. Chemistry
 Name of Course:- B.Sc. Part I Inorganic Chemistry
 Session 2022-23

	Final Direct Course Attainment Calculation					Indirect Course Attainment Calculation	Final Attainment		Weightage Average
	First Term Test	Second Term Test	Third Term Test	Pre University Exam.	Average		Average (From Survey)	80% of Direct and 20% of Indirect Attainment	
CO1	2			3	2	2.3	3	2.5	
CO2	3				3	3	3	3	
CO3			3	3	2	2.7	3	2.7	
CO4			3		3	3	3	3	
CO5				3	3	3	3	3	

Programme Outcome Attainment Levels

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	1	....	....	....	....	....	....	1	....	....	....	....	....	....
CO2	2	2	....	....	....	....	....	2	2	....	....	....	....	....
CO3	2	2	....	....	....	....	....	2	2	....	....	....	....	....
CO4	3	3	....	....	....	....	....	3	3	....	....	....	....	....
CO5	2	2	....	....	....	....	....	2	2	....	....	....	....	....
Average	2	2.25	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	2	2.25	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Attainment	1.9	2.1	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1.9	2.1	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Name of Program:- B.Sc. Chemistry
 Name of Course:- B.Sc. Part I Organic Chemistry
 Session 2022-23

	Final Direct Course Attainment Calculation					Indirect Course Attainment Calculation	Final Attainment		Weightage Average
	First Term Test	Second Term Test	Third Term Test	Pre University Exam.	Average		Average (From Survey)	80% of Direct and 20% of Indirect Attainment	
CO1		3		3	3	3	3	3	
CO2		3			2	2.5	3	2.6	
CO3			2	3	3	2.7	3	2.7	
CO4			3		2	2.5	3	2.6	
CO5				3	3	3	3	3	

Programme Outcome Attainment Levels

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	1	....	....	....	....	....	....	1	....	....	....	....	....	....
CO2	2	2	....	....	....	....	....	2	2	....	....	....	....	....
CO3	2	2	....	....	....	....	....	....	....	....	....	....	....	....
CO4	3	3	....	....	....	....	....	....	....	....	....	....	....	....
CO5	3	3	....	....	....	....	....	....	....	....	....	....	....	....
Average	2.2	2.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1.5	2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Attainment	2.1	2.3	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1.4	1.9	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Name of Program:- B.Sc. Chemistry
 Name of Course:- B.Sc. Part I Physical Chemistry
 Session 2022-23

	Final Direct Course Attainment Calculation					Indirect Course Attainment Calculation	Final Attainment		Weightage Average
	First Term Test	Second Term Test	Third Term Test	Pre University Exam.	Average		Average (From Survey)	80% of Direct and 20% of Indirect Attainment	
CO1		3			3	3	3	3	
CO2		2	3	2	2	2.3	3	2.4	
CO3			2	3	3	2.7	3	2.7	
CO4			3		2	2.5	3	2.6	
CO5				3	3	3	3	3	

Programme Outcome Attainment Levels

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	2	2	...	...	...	...	...	2	2	...	...	...	...	...
CO2	2	3	3	...	...	2	...	2	2	...	...	...	...	...
CO3	1	...	...	...	...	...	...	1	2	...	...	...	...	...
CO4	1	...	...	...	...	...	...	1	2	...	...	...	...	...
CO5	3	2	3	...	...	...	...	3	3	...	...	...	...	...
Average	1.8	2.33333333	3	#DIV/0!	#DIV/0!	2	#DIV/0!	1.8	2.2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Attainment	1.6	2.1	2.7	#DIV/0!	#DIV/0!	1.8	#DIV/0!	1.6	2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

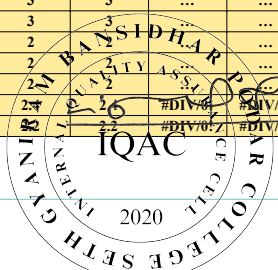
Name of Program:- B.Sc. Chemistry
 Name of Course:- B.Sc. Part II Inorganic Chemistry
 Session 2022-23

	Final Direct Course Attainment Calculation					Indirect Course Attainment Calculation	Final Attainment		Weightage Average
	First Term Test	Second Term Test	Third Term Test	Pre University Exam.	Average		Average (From Survey)	80% of Direct and 20% of Indirect Attainment	
CO1		2			2	2	3	2.2	
CO2		2		3	3	2.7	3	2.7	
CO3			2	3	3	2.7	3	2.7	
CO4			3	2	3	2.7	3	2.7	
CO5					3	3	3	3	

Programme Outcome Attainment Levels

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	3	3	...	...	...	...	...	3	3	...	...	...	...	...
CO2	3		...	...	...	...	...	3	3	...	...	...	...	...
CO3	2		...	...	...	...	...	2	2	...	...	...	...	...
CO4	2		...	...	...	...	...	2	2	...	...	...	...	...
CO5	2		...	...	...	...	...	2	2	...	...	...	...	...
Average	2.4	2.2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	2.4	2.4	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Attainment	2.2	2.2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	2.2	2.2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Name of Program:- B.Sc. Chemistry
 Name of Course:- B.Sc. Part II Organic Chemistry
 Session 2022-23



	Final Direct Course Attainment Calculation					Indirect Course Attainment Calculation	Final Attainment	Weightage Average
	First Term Test	Second Term Test	Third Term Test	Pre University Exam.	Average	Average (From Survey)	80% of Direct and 20% of Indirect Attainment	
CO1	2		2	2	2		3	2.2
CO2	2			2	2		3	2.2
CO3		3	2	1	2		3	2.2
CO4		2	2	2	2		3	2.2
CO5				2	2		3	2.2

Programme Outcome Attainment Levels														
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	2	2	2	...	...	...	...	2	2	...	...	...	...	...
CO2	2	2	...	...	...	...	...	2	2	2	...	...	...	...
CO3	2	2	...	...	...	...	...	2	2	2	...	...	...	...
CO4	2	2	...	...	...	...	...	2	2	2	...	...	...	...
CO5	2	2	...	...	...	...	...	2	2	2	...	...	...	...
Average	2	2	2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	2	2	2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Attainment	1.5	1.5	1.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1.5	1.5	1.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Name of Program:- B.Sc. Chemistry
 Name of Course:- B.Sc. Part II Physical Chemistry
 Session 2022-23

	Final Direct Course Attainment Calculation					Indirect Course Attainment Calculation	Final Attainment	Weightage Average
	First Term Test	Second Term Test	Third Term Test	Pre University Exam.	Average	Average (From Survey)	80% of Direct and 20% of Indirect Attainment	
CO1	1		2	1	1.3		3	1.7
CO2	2			2	2		3	2.2
CO3		2	1	3	2		3	2.2
CO4		3	1	1	1.7		3	1.9
CO5				1	1		3	1.4

Programme Outcome Attainment Levels														
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	2	2	...	...	...	...	...	2	2	...	...	...	...	...
CO2	2	2	3	...	...	...	...	2	2	3	...	...	...	...
CO3	2	2	...	...	...	...	...	2	3	...	...	...	...	...
CO4	2	2	3	...	...	...	...	2	3	3	...	...	...	...
CO5	2	2	...	...	...	...	...	2	2	...	...	...	...	...
Average	2	2	3	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	2	2.4	3	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Attainment	1.3	1.3	1.9	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1.3	1.5	1.9	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Name of Program:- B.Sc. Chemistry
 Name of Course:- B.Sc. Part III Inorganic Chemistry
 Session 2022-23

	Final Direct Course Attainment Calculation					Indirect Course Attainment Calculation	Final Attainment	Weightage Average
	First Term Test	Second Term Test	80% of Direct and 20% of Indirect Attainment	Pre University Exam.	Average	Average (From Survey)	80% of Direct and 20% of Indirect Attainment	
CO1	2		2	3	2.3		3	2.5
CO2	2			2	2		3	2.2
CO3		2	2	3	2.3		3	2.5
CO4		2	2	2	2		3	2.2
CO5				3	3		3	3

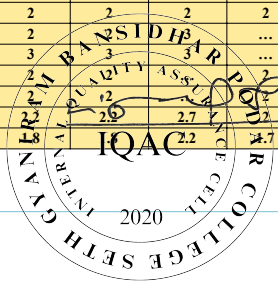
Programme Outcome Attainment Levels														
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	2	2	...	2	...	...	...	2	...	...	...	...	...	...
CO2	3	3	3	2	...	...	...	3	3	...	...	...	...	...
CO3	2	2	2	...	...	...	...	2	2	...	...	...	...	...
CO4	3	3	3	...	...	...	...	3	3	...	...	...	...	...
CO5	2	2	3	2	...	...	...	3	3	...	...	...	...	...
Average	2.4	2.4	2.75	2	#DIV/0!	#DIV/0!	#DIV/0!	2.6	2.75	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Attainment	2	2	2.3	1.7	#DIV/0!	#DIV/0!	#DIV/0!	2.2	2.3	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Name of Program:- B.Sc. Chemistry
 Name of Course:- B.Sc. Part III Organic Chemistry
 Session 2022-23

	Final Direct Course Attainment Calculation					Indirect Course Attainment Calculation	Final Attainment	Weightage Average
	First Term Test	Second Term Test	80% of Direct and 20% of Indirect Attainment	Pre University Exam.	Average	Average (From Survey)	80% of Direct and 20% of Indirect Attainment	
CO1	2		2	3	2.3		3	2.5
CO2	2			2	2		3	2.2
CO3		2	2	3	2.3		3	2.5
CO4		2	2	2	2		3	2.2
CO5				3	3		3	3

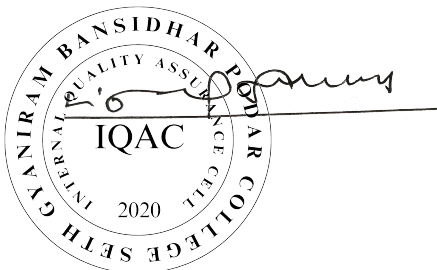
Programme Outcome Attainment Levels														
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	2	2	2	2	...	...	...	2	2	2	...	...	...	...
CO2	2	2	...	...	...	...	...	2	2	3	...	...	...	...
CO3	3	3	3	...	...	...	...	3	3	3	...	...	...	...
CO4	2	2	3	...	...	...	...	2	2	3	...	...	...	...
CO5	2	2	3	...	...	...	...	2	2	3	...	...	...	...
Average	2.3	2.3	2.7	2	#DIV/0!	#DIV/0!	#DIV/0!	2.2	2.2	2.8	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Attainment	1.8	1.8	2.3	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1.8	1.8	2.3	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Name of Program:- B.Sc. Chemistry
 Name of Course:- B.Sc. Part III Physical Chemistry
 Session 2022-23



	Final Direct Course Attainment Calculation					Indirect Course Attainment Calculation	Final Attainment	Weightage Average
	First Term Test	Second Term Test	Third Term Test	Pre University Exam.	Average	Average (From Survey)	80% of Direct and 20% of Indirect Attainment	
CO1	2		2	3	2.3		2.5	2.8
CO2	2			3	2.5		2.6	
CO3		2	3	3	2.7		2.7	
CO4		3	3	3	3		3	
CO5				3	3		3	

Programme Outcome Attainment Levels														
CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7
CO1	2	2	...	...	2	...	...	2	2	...	...	...	...	...
CO2	3	3	3	...	...	...	...	3	3	3	...	...	...	...
CO3	2	2	...	...	...	...	...	2	2	...	...	...	...	...
CO4	2	2	...	...	...	...	...	2	2	...	...	...	...	...
CO5	3	3	3	...	3	...	...	3	3	3	...	...	...	...
Average	2.4	2.4	3	#DIV/0!	2.5	#DIV/0!	#DIV/0!	2.4	2.4	3	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Attainment	2.2	2.2	2.8	#DIV/0!	2.3	#DIV/0!	#DIV/0!	2.2	2.2	2.8	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!



Department of Chemistry
Calculation of Attainment of CO's through Internal Assessment
Name of Program:- M.Sc. Chemistry
Name of Course:- M.Sc.(P)Chem. Inorganic
Session 2022-23

M.Sc.(P)Chem. Inorganic	Final Direct Course Attainment Calculation					Indirect Course Attainment Calculation	Final Attainment	Weightage Average
	First Term Test	Second Term Test	Third Term Test	Pre University Exam.	Average	Average (From Survey)	80% of Direct and 20% of Indirect Attainment	
CO1	2		3	3	2.7	3	2.7	2.9
CO2	3			3	3	3	3	
CO3		3	3	3	3	3	3	
CO4		3	3	3	3	3	3	
CO5				3	3	3	3	

Program Outcome Attainment Levels										
CO	PO1	PO2	PO3	PSO1	PSO2	PSO3	PEO1	PEO2	PEO3	PEO4
CO1	2		3	2		3	2	2	2	
CO2	3		2	2	2	3	3	2	3	
CO3	3		2	2	2	3	2	2	3	
CO4	3		3	2	2	3	2	2	3	3
CO5	3		3	2	2	3	2	2	3	3
Average	2.8	#DIV/0!	2.6	2	2	3	2.2	2	2.8	3
Attainment	2.7	#DIV/0!	2.5	1.9	1.9	2.9	2.1	1.9	2.7	2.9

Name of Program:- M.Sc. Chemistry
Name of Course:- M.Sc.(P)Chem. Organic
Session 2022-23

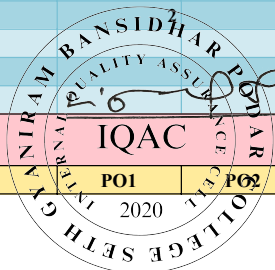
M.Sc.(P)Chem. Organic	Final Direct Course Attainment Calculation					Indirect Course Attainment Calculation	Final Attainment	Weightage Average
	First Term Test	Second Term Test	Third Term Test	Pre University Exam.	Average	Average (From Survey)	80% of Direct and 20% of Indirect Attainment	
CO1	2		3	3	2.7	3	2.7	2.9
CO2	2			3	2.5	3	2.6	
CO3		3	3	3	3	3	3	
CO4		3	3	3	3	3	3	
CO5				3	3	3	3	

Program Outcome Attainment Levels											
CO	PO1	PO2	PO3	PSO1	PSO2	PSO3	PEO1	PEO2	PEO3	PEO4	PEO5
CO1	2		3	2		3	2	2	3		
CO2	2		3	2	2	3	2	2	3		
CO3	2		3	2	2	3	2	2	3	2	
CO4	3		3	2	2	3	2	2	3	3	
CO5	2		3	2	2	3	2	2	3	2	
Average	2.2	#DIV/0!	3	2	2	3	2	2	3	2.3	#DIV/0!
Attainment	2.1	#DIV/0!	2.9	1.9	1.9	2.9	1.9	1.9	2.9	2.3	#DIV/0!

Name of Program:- M.Sc. Chemistry
Name of Course:- M.Sc.(P)Chem. Physical
Session 2022-23

M.Sc.(P)Chem. Physical	Final Direct Course Attainment Calculation					Indirect Course Attainment Calculation	Final Attainment	Weightage Average
	First Term Test	Second Term Test	Third Term Test	Pre University Exam.	Average	Average (From Survey)	80% of Direct and 20% of Indirect Attainment	
CO1	3		3	2	2.7	3	2.7	2.9
CO2				3	2.5	3	2.6	
CO3		3	3	3	3	3	3	
CO4			3	3	3	3	3	
CO5				3	3	3	3	

Program Outcome Attainment Levels										
CO	PO1	PO2	PO3	PSO1	PSO2	PSO3	PEO1	PEO2	PEO3	PEO4



CO1	2	3		2		3	2	2	3	
CO2	2	3		2		3	2	2	3	3
CO3	2		3	2	2	3	2	2	3	3
CO4	3	2	3	2	2	3	2	2	3	2
CO5	2	2	3	2		3	2	2	3	3
Average	2.2	2.5	3	2	2	3	2	2	3	2.8
Attainment	2.1	2.4	2.9	1.9	1.9	2.9	1.9	1.9	2.9	2.7

Name of Program:- M.Sc. Chemistry
 Name of Course:- M.Sc.(P)Chem. Spectroscopy
 Session 2022-23

M.Sc.(P)Chem. Spectroscopy	Final Direct Course Attainment Calculation					Indirect Course Attainment Calculation	Final Attainment	Weightage Average
	First Term Test	Second Term Test	Third Term Test	Pre University Exam.	Average	Average (From Survey)	80% of Direct and 20% of Indirect Attainment	
CO1	2		3	3	2.7	3	2.7	2.9
CO2	2			3	2.5	3	2.6	
CO3			3	3	3	3	3	
CO4			3	3	3	3	3	
CO5				3	3	3	3	

Programme Outcome Attainment Levels

CO	PO1	PO2	PO3	PSO1	PSO2	PSO3	PEO1	PEO2	PEO3	PEO4
CO1	2		3	2		3	2	2	3	
CO2	3		3	2	2	3	2	2	3	2
CO3	3		3	2	2	3	2	2	3	3
CO4	3		3	2	2	3	2	2	3	3
CO5	3		3	2	2	3	2	2	3	3
Average	2.8	#DIV/0!	3	2	2	3	2	2	3	2.8
Attainment	2.7	#DIV/0!	2.9	1.9	1.9	2.9	1.9	1.9	2.9	2.7

Name of Program:- M.Sc. Chemistry
 Name of Course:- M.Sc.(P)Chem. Green
 Session 2022-23

M.Sc.(P)Chem. Green	Final Direct Course Attainment Calculation					Indirect Course Attainment Calculation	Final Attainment	Weightage Average
	First Term Test	Second Term Test	Third Term Test	Pre University Exam.	Average	Average (From Survey)	80% of Direct and 20% of Indirect Attainment	
CO1	3		3	3	3	3	3	2.9
CO2	2			3	2.5	3	2.6	
CO3			3	3	3	3	3	
CO4			3	3	3	3	3	
CO5				3	3	3	3	

Programme Outcome Attainment Levels

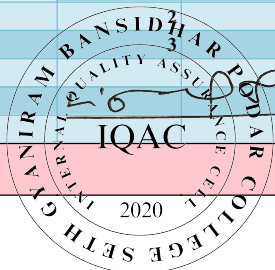
CO	PO1	PO2	PO3	PSO1	PSO2	PSO3	PSO4	PEO1	PEO2	PEO3
CO1	2	2	3	2	2	3	2	2	3	2
CO2		2	3	2	2	3	2	2	3	3
CO3	3	3	3	2	2	3	2	2	3	3
CO4	3	2	3	2	2	3	2	2	3	3
CO5	3	2	3	2	2	3	2	2	3	3
Average	2.8	2.2	3	2	2	3	2	2	3	2.8
Attainment	2.7	2.1	2.9	1.9	1.9	2.9	1.9	1.9	2.9	2.7

Name of Program:- M.Sc. Chemistry
 Name of Course:- M.Sc.(P)Chem. Analytical
 Session 2022-23

M.Sc.(P)Chem. Analytical	Final Direct Course Attainment Calculation					Indirect Course Attainment Calculation	Final Attainment	Weightage Average
	First Term Test	Second Term Test	Third Term Test	Pre University Exam.	Average	Average (From Survey)	80% of Direct and 20% of Indirect Attainment	
CO1			3	3	2.7	3	2.7	2.9
CO2				3	3	3	3	
CO3			3	3	3	3	3	
CO4			3	3	3	3	3	
CO5				3	3	3	3	

Programme Outcome Attainment Levels

CO	PO1	PO2	PO3	PSO1	PSO2	PSO3	PSO4	PEO1	PEO2	PEO3
CO1	2	2	3	2	2	3	2	2	3	2
CO2		2	3	2	2	3	2	2	3	3
CO3	3	3	3	2	2	3	2	2	3	3
CO4	3	2	3	2	2	3	2	2	3	3
CO5	3	2	3	2	2	3	2	2	3	3
Average	2.8	2.2	3	2	2	3	2	2	3	2.8
Attainment	2.7	2.1	2.9	1.9	1.9	2.9	1.9	1.9	2.9	2.7



CO	PO1	PO2	PO3	PSO1	PSO2	PSO3	PEO1	PEO2	PEO3	PEO4
CO1	3	3	3	2	2	3	2	2	3	3
CO2	3	3	3	2	2	3	2	2	3	3
CO3	3	3	3	2	2	3	2	2	3	
CO4	3	2	3	2	2	3	2	2	3	3
CO5	2	2	2	2	2	3	2	2	3	
Average	2.8	2.6	2.8	2	2	3	2	2	3	3
Attainment	2.7	2.5	2.7	1.9	1.9	2.9	1.9	1.9	2.9	2.9

Name of Program:- M.Sc. Chemistry
Name of Course:-M.Sc.(F)Chem.App.of Spectro.Solid state
Session 2022-23

em.App.of Spectr	Final Direct Course Attainment Calculation					Indirect Course Attainment Average (From Sur)	Final Attainment (80% of Direct)	Weightage Average
	First Term Test	Second Term Test	Third Term Test	Pre University Exa	Average			
CO1	3		3	3	3	3	3	2.7
CO2	3				3	3	3	
CO3			3	3	3	3	3	
CO4			2	3	2	2.3	2.5	
CO5					2	2	2.2	

Program Outcome Attainment Levels										
CO	PO1	PO2	PO3	PSO1	PSO2	PSO3	PEO1	PEO2	PEO3	PEO4
CO1	3		3	2	2	3	2	2	3	3
CO2	3	3	3	2	2	2	2	2	3	3
CO3	3		3	2	2	3	2	2	3	3
CO4	3		3	2	2	3	2	2	3	3
CO5	3		3	2	2	3	2	2	3	3
Average	3	3	3	2	2	2.8	2	2	3	3
Attainment	2.7	2.7	2.7	1.8	1.8	2.5	1.8	1.8	2.7	2.7

Name of Program:- M.Sc. Chemistry
Name of Course:-M.Sc.(F)Chem.Bio.Inrg.Boi.Org. Bio Physical
Session 2022-23

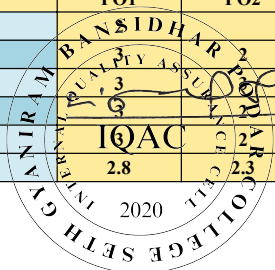
l.Bio.Inrg.Boi.Org	Final Direct Course Attainment Calculation					Indirect Course Attainment Average (From Sur)	Final Attainment (20% of Indirect)	Weightage Average
	First Term Test	Second Term Test	Third Term Test	Pre University Exa	Average			
CO1	3		3	3	3	3	3	2.7
CO2	3				3	3	3	
CO3			3	3	2	2.7	2.7	
CO4			2	3	3	2.7	2.7	
CO5					2	2	2.2	

Program Outcome Attainment Levels										
CO	PO1	PO2	PO3	PSO1	PSO2	PSO3	PSO4	PEO1	PEO2	PEO3
CO1	2		3	2	2	3	2	2	3	
CO2	3	2		2	2	3	2	2	3	
CO3	2		3	2	2	3	2	2	3	
CO4	3		3	2	2	3	2	2	3	
CO5	3		3	2	2	3	2	2	3	
Average	2.6	2	3	2	2	3	2	2	3	
Attainment	2.3	1.8	2.7	1.8	1.8	2.7	1.8	1.8	2.7	

Name of Program:- M.Sc. Chemistry
Name of Course:-M.Sc.(F)Chem.Environmental Chemistry
Session 2022-23

em.Environmental	Final Direct Course Attainment Calculation					Indirect Course Attainment Average (From Sur)	Final Attainment (80% of Direct)	Weightage Average
	First Term Test	Second Term Test	Third Term Test	Pre University Exa	Average			
CO1	3		3	3	3	3	3	2.8
CO2	3				3	3	3	
CO3			3	3	3	3	3	
CO4			2	3	3	2.7	2.7	
CO5					2	2	2.2	

Program Outcome Attainment Levels										
CO	PO1	PO2	PO3	PSO1	PSO2	PSO3	PSO4	PEO1	PEO2	PEO3
CO1	3		3	2	2	3	2	2	3	
CO2	3			2	2	3	2	2	3	
CO3	3		3	2	2	3	2	2	3	3
CO4	3		3	2	2	3	2	2	3	3
CO5	3		2	2	2	3	2	2	3	2
Average	2.8	2.3	2.8	2	2	3	2	2	3	2.7



Attainment	2.6	2.1	2.6	1.9	1.9	2.8	1.9	1.9	2.8	2.5
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Name of Program:- M.Sc. Chemistry
 Name of Course:-M.Sc.(F)Chem. Organic Synt-1
 Session 2022-23

F)Chem. Organic	Final Direct Course Attainment Calculation					Indirect Course Attainment Average (From 80% of Direct)	Final Attainment (80% of Direct + Indirect)	Average
	First Term Test	Second Term Test	Third Term Test	Pre University	Average			
CO1	3		3	3	3	3	3	2.9
CO2	3			3	3	3	3	
CO3		3	3	3	3	3	3	
CO4		2	3	3	2.7	3	2.7	
CO5				3	3	3	3	

Program Outcome Attainment Levels										
CO	PO1	PO2	PO3	PSO1	PSO2	PSO3	PEO1	PEO2	PEO3	PEO4
CO1	3	3	3	2	3	2	2	2	2	
CO2	3	3	3	2	3	3	2	3		
CO3	3	3	3	2	3	2	2	3		
CO4	3	3	3	2	3	2	2	3	3	
CO5	2	3		2	2	3	2	2	3	3
Average	2.8	3	3	2	2.8	2.4	2	2.6	2.7	3
Attainment	2.7	2.9	2.9	1.9	2.7	2.3	1.9	2.5	2.6	2.9

Name of Program:- M.Sc. Chemistry
 Name of Course:-M.Sc.(F)Chem. Organic Synt II
 Session 2022-23

F)Chem. Organic	Final Direct Course Attainment Calculation					Indirect Course Attainment Average (From 80% of Direct)	Final Attainment (80% of Direct + Indirect)	Average
	First Term Test	Second Term Test	Third Term Test	Pre University	Average			
CO1	3		3	3	3	3	3	2.9
CO2	3			3	3	3	3	
CO3		3	3	3	3	3	3	
CO4		2	3	3	2.7	3	2.7	
CO5				3	3	3	3	

Program Outcome Attainment Levels										
CO	PO1	PO2	PO3	PSO1	PSO2	PSO3	PEO1	PEO2	PEO3	PEO4
CO1	3	3	2	3	3	2	3	3	2	1
CO2	2	2	3	2	3	2	3	3	2	1
CO3	2	3	3	2	3	2	3	3	2	1
CO4	3	3	2	3	3	2	3	3	2	1
CO5	2	3	3	2	3	2	2	3	3	1
Average	2.4	2.8	2.6	2.4	3	2	2.8	3	2.2	1
Attainment	2.3	2.7	2.5	2.3	2.9	1.9	2.7	2.9	2.1	1

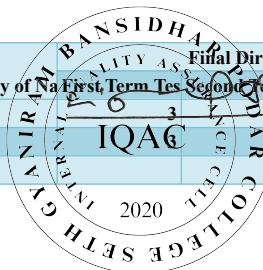
Name of Program:- M.Sc. Chemistry
 Name of Course:-M.Sc.(F)Chem. Heterocyclic
 Session 2022-23

F)Chem. Hetero	Final Direct Course Attainment Calculation					Indirect Course Attainment Average (From 80% of Direct)	Final Attainment (80% of Direct + Indirect)	Average
	First Term Test	Second Term Test	Third Term Test	University Exam	Average			
CO1	3		3	3	3	3	3	2.9
CO2	3			3	3	3	3	
CO3		3	3	3	3	3	3	
CO4		2	3	3	2.7	3	2.7	
CO5				3	3	3	3	

Program Outcome Attainment Levels								
CO	PO1	PO2	PO3	PSO1	PSO2	PEO1	PEO2	PEO3
CO1	2	2	1	2	2	3	2	1
CO2	2	3	2	2	2	2	3	1
CO3	2	2	1	2	2	3	2	1
CO4	2	2	3	2	2	2	3	1
CO5	2	2	3	2	2	2	2	2
Average	2	2.2	2	2	2	2.4	2.4	1.2
Attainment	1.9	2.1	1.9	1.9	1.9	2.3	2.3	1.2

Name of Program:- M.Sc. Chemistry
 Name of Course:-M.Sc.(F)Chem. Chemistry of Natural Products
 Session 2022-23

M.Sc. Chemistry of Na	Final Direct Course Attainment Calculation					Indirect Course Attainment Average (From 80% of Direct)	Final Attainment (80% of Direct + Indirect)	Average
	First Term Test	Second Term Test	Third Term Test	Pre University	Average			
CO1	3		3	3	3	3	3	2.9
CO2	3			3	3	3	3	
CO3		3	3	3	3	3	3	



CO4		2	3	3	2.7	3	2.7	2.8
CO5				2	2	3	2.2	

Program Outcome Attainment Levels

CO	PO1	PO2	PO3	PSO1	PSO2	PSO3	PEO1	PEO2	PEO3	PEO4
CO1	2	2	2	2	2	2	1	3	3	2
CO2	2	1	3	2	2	2	2	2	3	1
CO3	2	2	3	2	2	2	2	2	3	1
CO4	2	2	3	2	2	2	2	2	3	1
CO5	2	1	2	2	2	2	1	2	3	2
Average	2	1.6	2.6	2	2	2	1.6	2.2	3	1.4
Attainment	1.9	1.5	2.4	1.9	1.9	1.9	1.5	2.1	2.8	1.3

