


**UPES**  
**B. Sc. (UG) DATESHEET - SCHOOL OF ADVANCED ENGINEERING**  
**END SEMESTER EXAMINATION (ODD SEMESTER) - DECEMBER 2023**

**Date-10-10-2023**


Date of Exam	Sem	12-Dec-23	14-Dec-23	18-Dec-23
Day		Tuesday	Thursday	Monday
Time		10AM - 1PM	10AM - 1PM	10AM - 1PM
<b>B.Sc. (Mathematics by Research)</b>	I	<b>MATH1044</b>	<b>MATH1057</b>	<b>CHEM1007G/ PEGS1014/ PHYS1031</b>
		Differential Calculus	Linear Algebra I	Inorganic Chemistry / Fundamentals of Geology / Introductory Mathematical Physics
<b>B.Sc. (Physics by Research)</b>	I	<b>PHYS1011</b>	<b>MECH1012</b>	<b>CHEM1007G/ MATH1057/ PEGS1014</b>
		Mathematical Physics I	Mechanics	Inorganic Chemistry / Linear Algebra I (Minor) /Fundamentals of Geology
<b>B.Sc. (Hons.) Geology</b>	I	<b>PEAU4021P</b>	<b>PEGS1002</b>	<b>CHEM1007G/PHYS1031</b>
		Earth System Science	Mineral Science	Inorganic Chemistry /Introductory Mathematical Physics

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 Controller of Examination

Date of Exam	Sem	13-Dec-23	15-Dec-23	18-Dec-23	19-Dec-23	21-Dec-23
Day		Wednesday	Friday	Monday	Tuesday	Thursday
Time		10AM - 1PM	10AM - 1PM	10AM - 1PM	10AM - 1PM	10AM - 1PM
B.Sc. (Hons.) Physics	III	PHYS2024	PHYS2026	PHYS2025	PHYS2014K / PHYS2021K	CHEM1009G / MATH1034G/ HSFS 2114G
		Mathematical Physics II	Elements of Modern Physics	Analog Systems and Applications	(Skill Enhancement Elective 1) Computational Physics / Weather Forecasting	(Generic Elective 3) Solutions, Phase Equilibrium, Conductance, Electrochemistry & Functional Group Organic Chemistry II / Differential Equations/ Natural hazards and disaster management
B.Sc. (Hons.) Chemistry	III	CHEM2021	CHEM2022	CHEM2020	CHEM2016K	MATH1034G / PHYS2009G/ HSFS 2114G
		Organic Chemistry II	Physical Chemistry III	Inorganic Chemistry II	Fuel Chemistry	(Generic Elective 3) Differential Equations GE/ Elements of Modern Physics/ Natural hazards and disaster management
B.Sc. (Hons.) Mathematics	III	MATH2048	MATH2047	MATH2049	MATH2032K	CHEM1009G / HSFS 2114G / PHYS2009G
		Ordinary Differential Equations	Analytical Geometry	Complex analysis	(Skill Enhancement Elective 1) Logic and Sets	(Generic Elective 3) Solutions, Phase Equilibrium, Conductance, Electrochemistry & Functional Group Organic Chemistry II / Natural hazards and disaster management / Elements of Modern Physics GE
B Sc. (Hons.) Geology	III	PEGS2029	PEGS2036	PEGS2037	XXX	CHEM1009G / MATH1034G / PHYS2009G / HSFS 2114G
		Metamorphic Petrology	Elements of Geochemistry	Structural Geology	XXX	(Generic Elective 3) Solutions, Phase Equilibrium, Conductance, Electrochemistry & Functional Group Organic Chemistry II / Differential Equations GE/ Elements of Modern Physics GE/ Natural hazards and disaster management


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Day	Sem	Tuesday	Thursday	Friday	Monday	Tuesday	Wednesday	Friday
Time		2PM - 5PM	2PM - 5PM	2PM - 5PM	2PM - 5PM	2PM - 5PM	2PM - 5PM	2PM - 5PM
<b>B.Sc. (Hons.) Chemistry</b>	V	<b>CHEM3014</b>	<b>CHEM3015</b>	XXX	<b>CHEM3018</b>	XXX	<b>CHEM3019</b>	<b>CHEM3020</b>
		Organic Chemistry IV	Physical Chemistry V	XXX	Industrial Chemicals & Environment	XXX	Inorganic Materials of Industrial Importance	Instrumental Methods in Chemical Analysis
<b>Integrated (B.Sc) (M.Sc) Chemistry</b>	V	<b>CHEM3025</b>	<b>CHEM3033</b>	XXX	<b>CHEM3034</b>	XXX	<b>CHEM3003</b>	XXX
		Organic Chemistry IV	Statistical Analysis in Analytical Chemistry, GLP, GMP	XXX	Advance Analytical Chemistry	XXX	Inorganic Chemistry IV	XXX
<b>B.Sc. (Hons.) Mathematics</b>	V	<b>MATH3031</b>	<b>MATH3032</b>	XXX	<b>MATH3040</b>	XXX	<b>MATH3041</b>	XXX
		Advanced Algebra	Linear and Non Linear Programming	XXX	Boolean Algebra and Automata Theory	XXX	Finite Element Methods	XXX
<b>Integrated (B.Sc) (M.Sc) Mathematics</b>	V	<b>MATH3031</b>	<b>MATH3046</b>	XXX	<b>MATH3040</b>	XXX	<b>MATH3041</b>	<b>MATH3047</b>
		Advanced Algebra	Integral Equations and Calculus of Variations	XXX	Boolean Algebra and Automata Theory	XXX	Finite Element Methods	Theory of ordinary differential equations
<b>B.Sc. (Hons.) Physics</b>	V	<b>PHYS3019</b>	XXX	XXX	<b>PHYS3029 /PHYS3023</b>	XXX	<b>PHYS3028 /PHYS3024</b>	<b>PHYS3026 /PHYS3022</b>
		Quantum Mechanics and Application	XXX	XXX	Monte Carlo Methods /Fundamentals of Astronomy	XXX	Computational Tools: Atomistic Simulations Techniques /Stellar Evolution	Numerical Methods in Scientific Computing /Fundamentals of Astrophysics
<b>Integrated (B.Sc) (M.Sc) Physics</b>	V	<b>PHYS3031</b>	XXX	<b>PHYS3030</b>	<b>PHYS3032</b>	<b>PHYS3039</b>	<b>PHYS3033</b>	<b>PHYS3038</b>
		Quantum Mechanics-I	XXX	Classical Mechanics	Condensed Matter Physics I	Thermodynamics of materials	Experimental Methods	Fundamentals of Material Science
<b>B Sc. (Hons.) Geology</b>	V	<b>PEGS3026</b>	<b>PEGS3027</b>	<b>MATH2021G</b>	<b>PEGS3039</b>	XXX	<b>PEGS3056</b>	<b>PEGS3042</b>
		Economic Geology	Geomorphology	<b>Cryptography and Network (For Opted 4 students only)</b>	Exploration Geology	XXX	GIS & Spatial Data Analysis	Introduction to Geophysics

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**UPES**  
**B.Sc (UG) - School of Advanced Engineering**  
**End Semester Examination (Odd Semester) - December 2023**

Date-10-10-2023

Date of Exam	Sem	13-Dec-23	15-Dec-23	18-Dec-23	19-Dec-23	21-Dec-23	22-Dec-23
Day		Wednesday	Friday	Monday	Tuesday	Thursday	Friday
Time		2PM - 5PM	2PM - 5PM	2PM - 5PM	2PM - 5PM	2PM - 5PM	2PM - 5PM
<b>B.Sc. (Chemistry by Research)</b>	VII	<b>CHEM4012</b>	<b>CHEM4018P</b>	<b>CHEM4013</b>	<b>ASRM4001</b>	<b>CHEM4017P</b>	<b>PHYS4028</b>
		Fundamentals of Group Theory	Polymer characterization & Testing	Organic Reaction Mechanism	Research Methodology & Ethics	Introduction to Polymer chemistry	Modern Physics
<b>B.Sc. (Mathematics by Research)</b>	VII	<b>MATH4012</b>	<b>MATH4011</b>	<b>CHEM4014</b>	<b>ASRM4001</b>	<b>MATH4014P</b>	<b>MATH4015P</b>
		Discrete Mathematics	Advanced Numerical Techniques	Industrial Chemistry	Research Methodology & Ethics	Time series & forecasting methods	Multivariate Statistics
<b>B.Sc. (Physics by Research)</b>	VII	<b>MATH4013</b>	<b>PHYS3030</b>	<b>PHYS4025P</b>	<b>ASRM4001</b>	<b>XXX</b>	<b>PHYS4024P</b>
		Discrete Mathematics (Minor)	Classical Mechanics	Monte Carlo Methods	Research Methodology & Ethics	XXX	Numerical Methods in Scientific Computing

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Day		Tuesday	Friday	Monday	Tuesday	Thursday	Friday
Time		10AM - 1PM	10AM - 1PM	10AM - 1PM	10AM - 1PM	10AM - 1PM	10AM - 1PM
<b>M.Sc. (Chemistry)</b>	I	<b>CHEM7045</b>	<b>CHEM7046</b>	<b>CHEM7047</b>	<b>XXX</b>	<b>CHEM7048</b>	<b>XXX</b>
		Organic Reaction Mechanism	Coordination Chemistry & Group Theory	Quantum Chemistry	XXX	Organometallic & Bio-inorganic molecules	XXX
<b>M.Sc. (Petroleum Geosciences)</b>	I	<b>PEGS7004</b>	<b>PEGS7006</b>	<b>PEGS7022</b>	<b>PEGS7007</b>	<b>PEGS7030</b>	<b>PEGS7031</b>
		Petroleum Geology	Sedimentology and Sequence Stratigraphy	Igneous and Metamorphic Petrology	Micropaleontology	Geochemistry	Structural Geology

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**M.Sc (PG) Datesheet - School of Advanced Engineering**  
**End Semester Examination (Odd Semester)- December 2023**

**Date-10-10-2023**

Date of Exam	Sem	12th Dec 23	13th Dec 23	15th Dec 23	18th Dec 23	19th Dec 23	20th Dec 23	21st Dec 23	22 Dec.2023
Day		Monday	Tuesday	Friday	Monday	Tuesday	Wednesday	Thursday	Friday
Time		2PM - 5PM	2PM - 5PM	2PM - 5PM	2PM - 5PM	2PM - 5PM	2PM - 5PM	2PM - 5PM	2PM - 5PM
<b>M.Sc (Chemistry)</b>	III	<b>CHEM8025P</b>	<b>XXX</b>	<b>PHYS8020</b>	<b>PHYS8021</b>	<b>XXX</b>	<b>CHEM8013P</b>	<b>XXX</b>	<b>CHEM8027P</b>
		Chemistry of life process and bioactive compounds	XXX	Research Methodology	Research and Publication Ethics	XXX	Polymer Chemistry	XXX	Chemistry of Heterocyclic compounds
<b>M.Sc (Physics)</b>	III	<b>PHYS8018</b>	<b>PHYS8019</b>	<b>PHYS8020</b>	<b>PHYS8021</b>	<b>PHYS3039 /MATH8023P</b>	<b>PHYS8068P / PHYS8088P</b>	<b>PHYS8074P /PHYS8089P</b>	<b>PHYS8075P /PHYS8091P</b>
		Condensed Matter Physics II	Introduction to Metrology	Research Methodology	Research and Publication Ethics	<b>(Specialization course 2)</b> Thermodynamics of materials / Mathematical & Statistical Methods	<b>(Specialization course 3)</b> Foundations in Material Synthesis & Characterization / Radiative Processes in Astrophysics	<b>(Specialization course 4)</b> Basics of Ion accelerators and beam optics /Planetary Sciences	<b>(Specialization course 5)</b> Magnetic Nanostructures: fabrication & characterization / Cosmology
<b>M.Sc (Petroleum Geosciences)</b>	III	<b>XXX</b>	<b>PEGS8006</b>	<b>PEGS8020</b>	<b>PEGS8021</b>	<b>XXX</b>	<b>PEGS8022</b>	<b>XXX</b>	<b>PEGS8036P/ PEGS8035P</b>
		XXX	Drilling and Production Operations	Well Logging & Formation Evaluation	Reservoir Geomechanics	XXX	Economic Geology	XXX	Coal bed methane & Shale gas exploration/Petroleum Data Management

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