



NEET 2025 Success Secrets

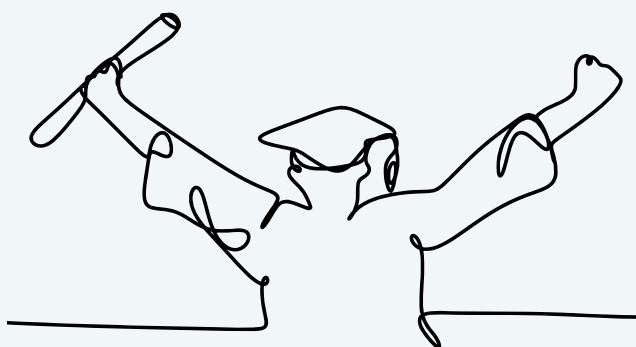


NEET UG 2024 Detailed Exam Analysis

The NEET UG 2024 examination was conducted across India for medical aspirants 24,06,079 Applied and around 23 lakhs has appeared for exam. Out of 23 lakhs around 13 lakhs has qualified seeking admission into MBBS, BDS, and AYUSH courses. This report provides a comprehensive analysis of the exam, including subject-wise difficulty levels, chapter-wise weightage, question trends, and expected cut-offs.

Overall Subject Difficulty Level

Subject	Difficulty Level	Key Observations
Physics	Moderate to Difficult	Numerical-heavy, required deep conceptual understanding
Chemistry	Moderate to Difficult	Assertion-Reason questions increased, Organic Chemistry had complex reactions
Botany	Moderate to Difficult	NCERT-based but with time-consuming Assertion-Reason and statement-based questions
Zoology	Easy to Moderate	Lengthy, with many statement-based and match-the-column type questions



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NEET Physics Exam Analysis 2024

- The Physics paper was of moderate-to-difficult level.
- Approximately 70%-75% of the questions were numerical-based.
- No questions were asked beyond NCERT, but many required application-based understanding.
- Mechanics and Modern Physics carried higher weightage compared to previous years.
- A few Assertion-Reason type questions tested conceptual clarity.

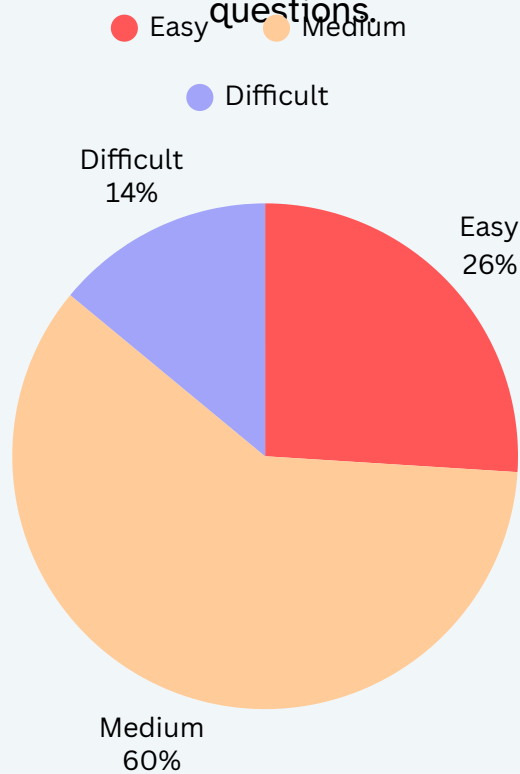
Difficulty Level	Number of Questions	Percentage
Easy	13	26%
Medium	30	60%
Difficult	7	14%
Total	50	100%

Physics 2024 Topic-Wise Distribution

Topic	Easy	Medium	Difficult	Total
Electricity	2	7	0	9
Optics	1	2	1	4
Magnetism	2	6	1	9
Mechanics	6	8	4	18
Modern Physics	2	5	1	8
Heat & Thermodynamics	0	2	0	2
Total	13	30	7	50

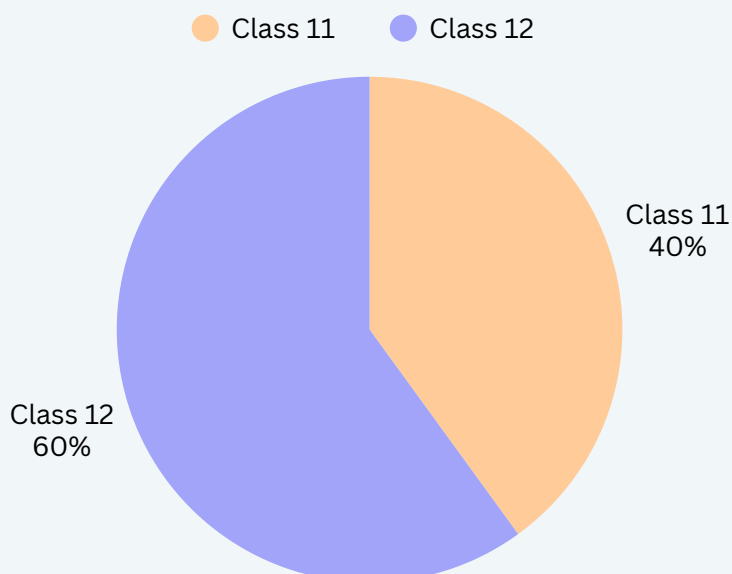
NEET 2024 Physics Question Difficulty Distribution

The Physics 2024 paper contained 13 Easy, 30 Medium, and 7 Difficult questions.



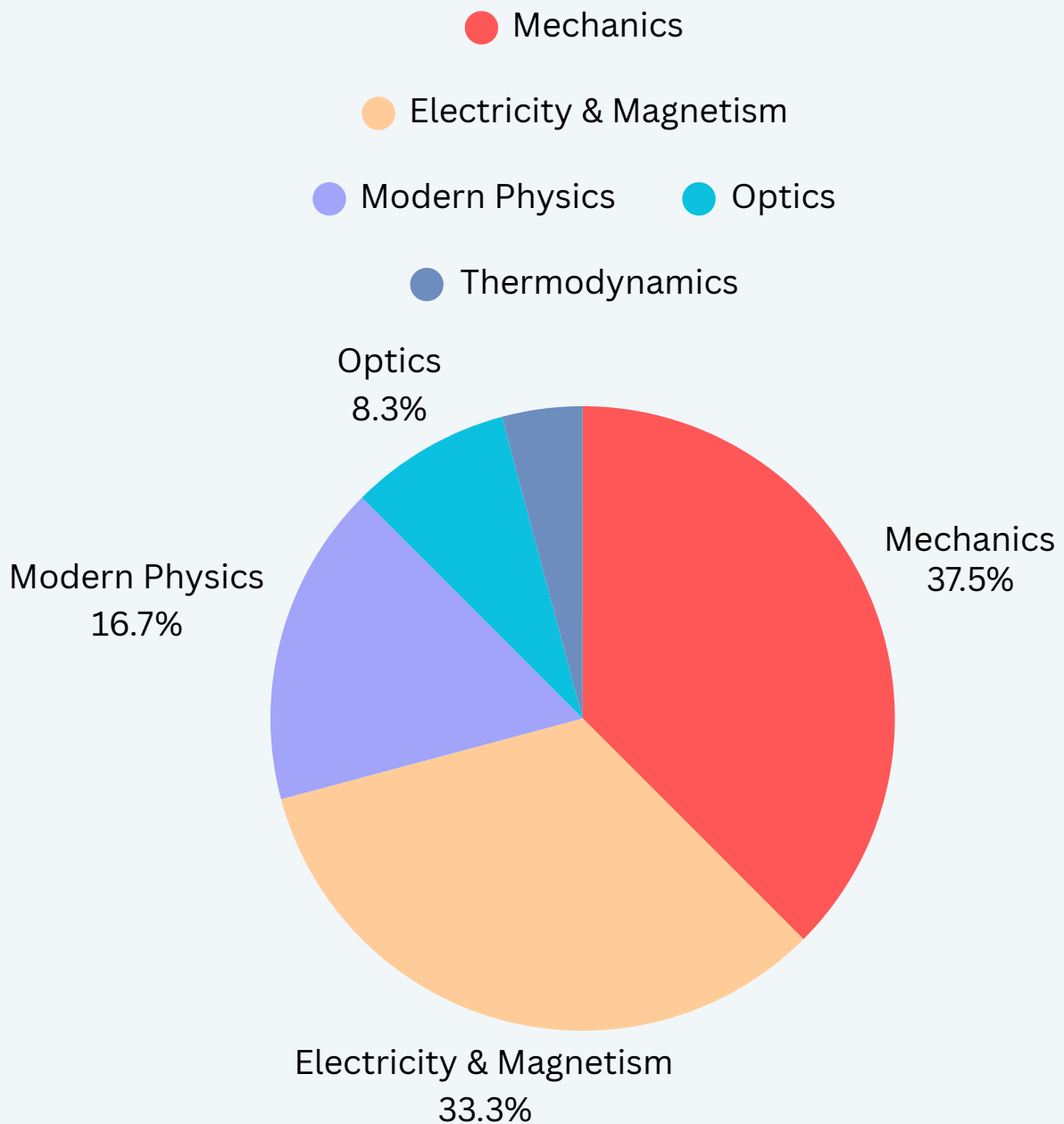
NEET 2024 Physics 11th & 12th class Question Distribution

The Physics 2024 paper contained **40% of the questions from Class 11** and **60% from Class 12**.



NEET 2024 Physics Chapter Wise Question Distribution

The Physics 2024 paper contained 8.3% Optics, 37.5% Mechanics, 16.7% Modern physics, 33.3% Electricity & Magnetism and Thermodynamics 4% Questions.



NEET Chemistry Exam Analysis 2024

- Chemistry questions ranged from moderate to difficult.
- A few questions were beyond NCERT, requiring in-depth conceptual understanding.
- 14 statement-based questions were included, with 5 Assertion-Reason type questions.
- Organic Chemistry had a significant focus on reaction mechanisms.
- Physical Chemistry had several numerical-based problem-solving questions.

Difficulty Level	Number of Questions	Percentage
Easy	17	34%
Medium	27	54%
Difficult	6	12%
Total	50	100%

Chemistry 2024 Topic-Wise Distribution

Topic	Easy	Medium	Difficult	Total
Physical Chemistry	6	10	3	19
Organic Chemistry	5	11	5	21
Inorganic Chemistry	6	6	2	14
Total	17	27	6	50



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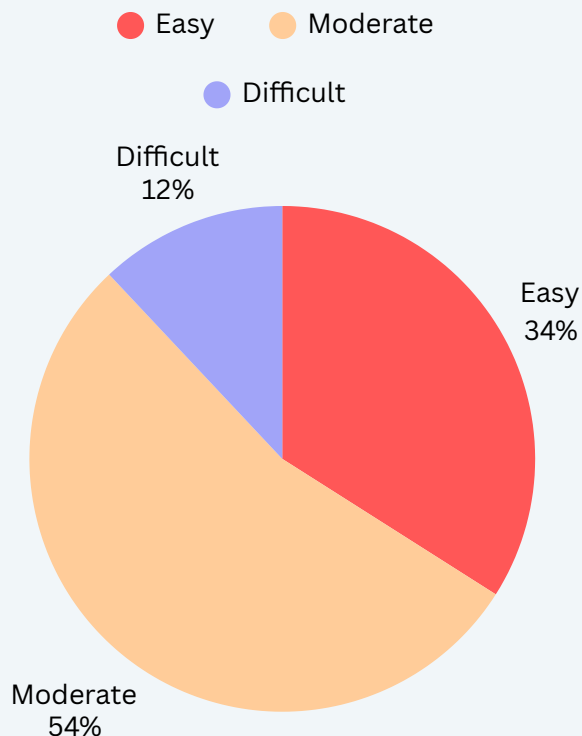
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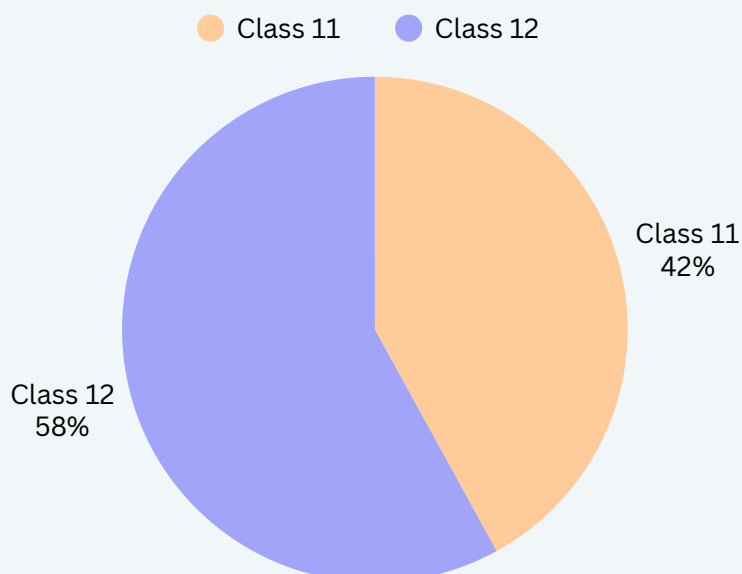
NEET 2024 Chemistry Question Difficulty Distribution

The Chemistry 2024 paper contained 17 Easy, 27 Medium, and 6 Difficult questions.



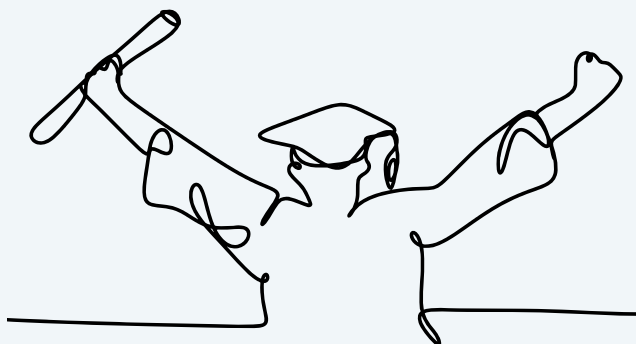
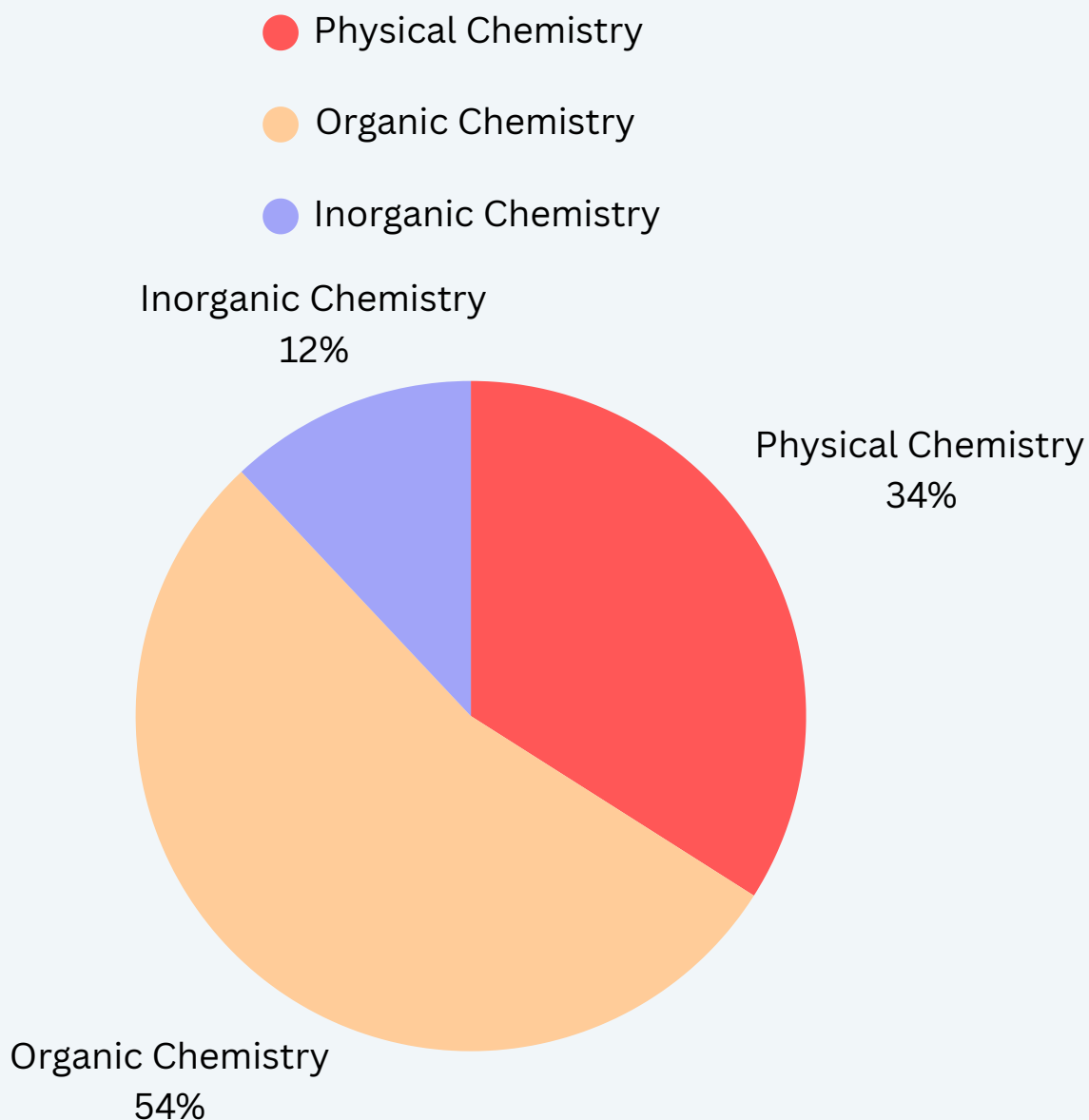
NEET 2024 Chemistry 11th & 12th class Question Distribution

The Chemistry 2024 paper contained 42% of the questions from Class 11 and 58% from Class 12.



NEET 2024 Chemistry Chapter Wise Question Distribution

The Physics 2024 paper contained 12% Inorganic Chemistry, 34% Physical Chemistry, 54% Organic Chemistry questions.



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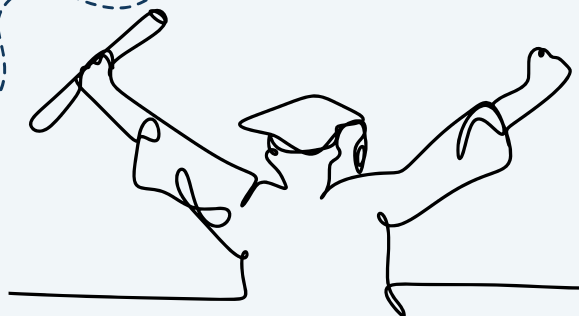
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NEET Botany Exam Analysis 2024

- Difficulty Level: Moderate to Difficult.
- Some questions were tricky and required deep conceptual clarity.
- Most questions were NCERT-based, but some answer options required advanced understanding.
- Many were factual and memory-based with some concept-driven questions.
- Assertion-Reason and statement-based questions made the section time-consuming.

Botany 2024 Difficulty-Level Wise Distribution

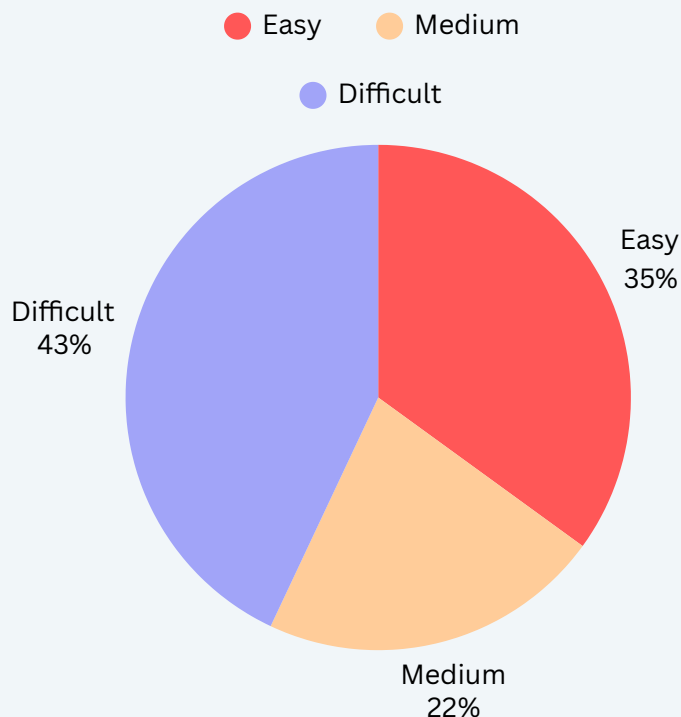
Difficulty Level	Number of Questions	Percentage
Easy	20	35%
Medium	13	22%
Difficult	25	43%
Total	58	100%

Botany 2024 Topic-Wise Distribution

Topic	Easy	Medium	Difficult	Total
Cell Structure & Function	4	3	2	9
Diversity of Life	2	2	1	5
Ecology	3	2	2	7
Genetics	5	4	3	12
Plant Physiology	4	5	4	13
Reproduction & Sexual Reproduction	2	3	4	9
Structural Organisation of Plants	2	1	0	3
Total	22	20	16	58

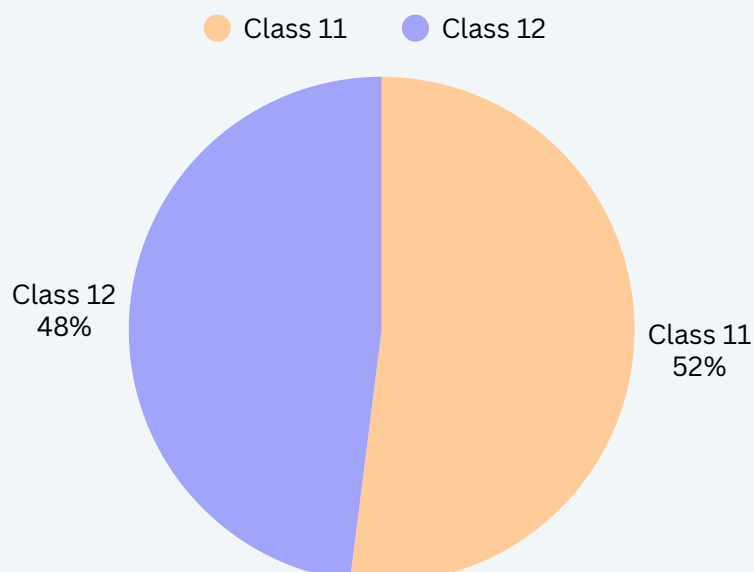
NEET 2024 Botany Question Difficulty Distribution

The Botany 2024 paper contained 20 Easy, 30 Medium, and 25 Difficult questions



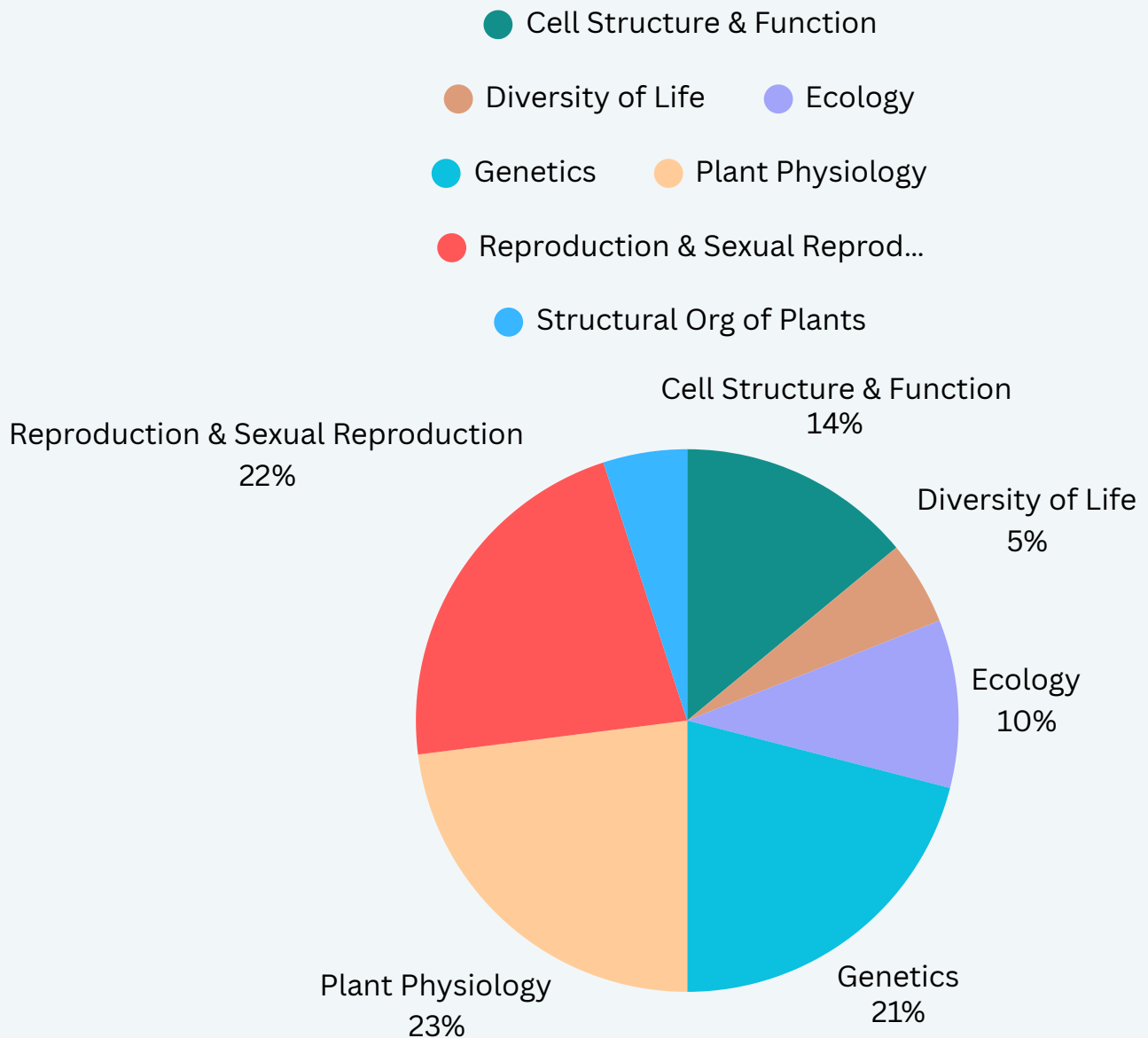
NEET 2024 Botany 11th & 12th class Question Distribution

The Botany 2024 paper contained 52% of the questions from Class 11 and 48% from Class 12.



NEET 2024 Botany Chapter Wise Question Distribution

The Botany 2024 paper contained 14% Cell structure & function, 5% Diversity of Life, 10% Ecology, 21% Genetics, 23% Plant Physiology, 22% Reproduction questions.



NEET Zoology Exam Analysis 2024

- Difficulty Level: Easy to Moderate.
- The section was lengthy, with many statement-based and match-the-column type questions.
- Some questions contained tricky terminology, requiring precise understanding.
- The paper was highly NCERT-centric, with strong emphasis on Human Physiology.
- Many questions required comprehension, application, and synthesis skills for interpretation.

Zoology 2024 Difficulty-Level Wise Distribution

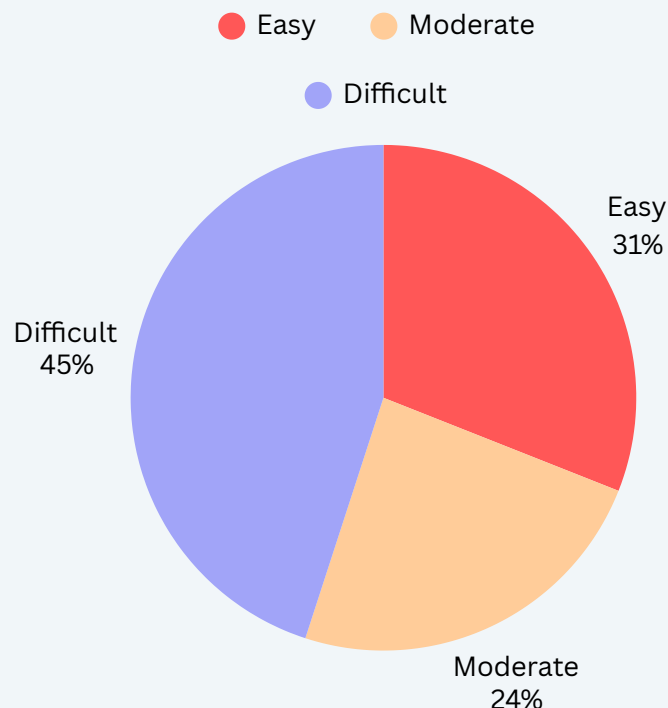
Difficulty Level	Number of Questions	Percentage
Easy	13	31%
Medium	10	24%
Difficult	19	45%
Total	42	100%

Zoology 2024 Topic-Wise Distribution

Topic	Easy	Medium	Difficult	Total
Human Physiology	4	5	4	13
Evolution	2	3	2	7
Biomolecules	2	3	1	6
Animal Kingdom	3	4	2	9
Animal Husbandry & Biotechnology	1	2	1	4
Structural Organisation in Animals	1	1	1	3
Total	13	18	11	42

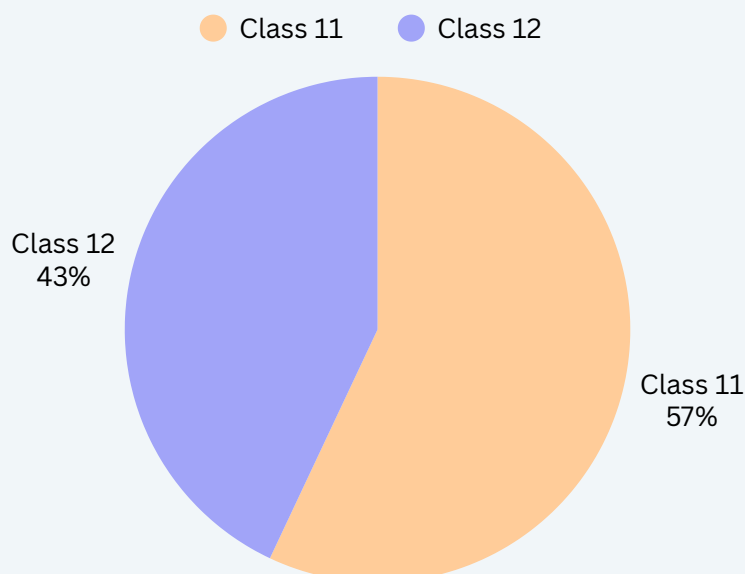
NEET 2024 Zoology Question Difficulty Distribution

The Zoology 2024 paper contained 13 Easy, 10 Medium, and 19 Difficult questions



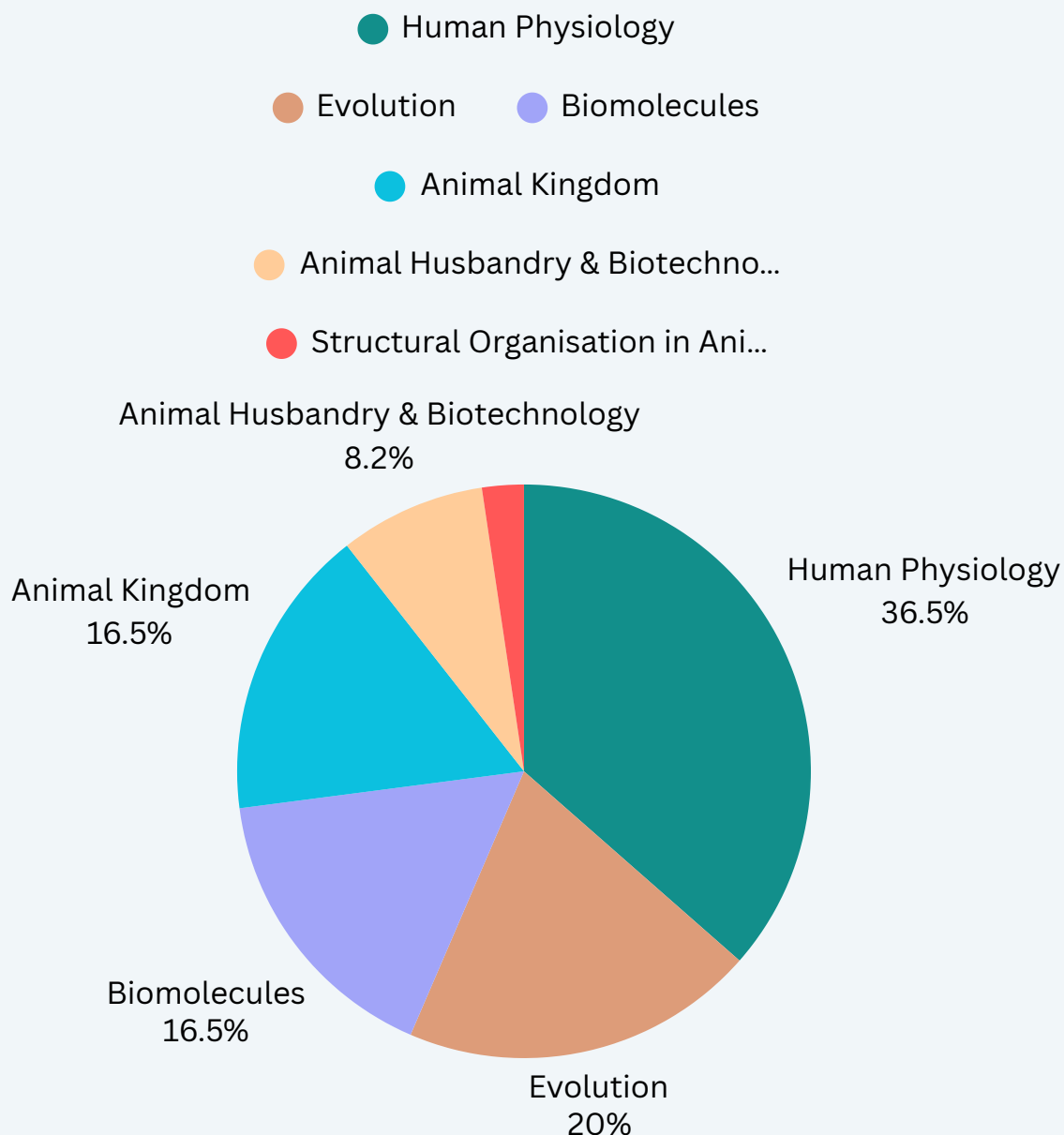
NEET 2024 Zoology 11th & 12th class Question Distribution

The Zoology 2024 paper contained 57% of the questions from Class 11 and 43% from Class 12.



NEET 2024 Zoology Chapter Wise Question Distribution

The Zoology 2024 paper contained 36.5% Human Physiology, 8.2% Animal Husbandry, 16.5% Animal Kingdom, 16.5% Biomolecules, 20% Evolution, 14% Animal Kingdom 2% Structural organisation in Animals questions.



Exam Trends (2020-2024)

This report provides a comprehensive analysis of NEET UG trends over the last five years (2020-2024) and a predictive analysis for NEET UG 2025. By evaluating question patterns, subject weightage, difficulty levels, and cut-offs, we aim to give aspirants a strategic roadmap for their preparation.

Analysis

Over the last five years, NEET UG has shown consistency in subject difficulty distribution while introducing slight variations in weightage for key topics. Physics remains the most challenging subject, while Biology continues to be the most scoring section. Chemistry has maintained a balance between conceptual and application-based questions.

Overall Difficulty Level Trends

Year	Physics	Chemistry	Biology	Overall Difficulty
2020	Moderate-Difficult	Moderate	Easy-Moderate	Moderate
2021	Difficult	Moderate	Easy	Moderate
2022	Moderate	Moderate-Difficult	Easy-Moderate	Moderate
2023	Moderate-Difficult	Moderate	Easy	Moderate
2024	Difficult	Moderate	Easy-Moderate	Moderate

Physics has fluctuated between moderate and difficult levels, with increased emphasis on numerical-based questions. Chemistry has seen a rise in application-based organic chemistry problems, while Biology has remained largely NCERT-based but with increased assertion-reasoning type questions.

Subject-Wise Question Distribution (%): The following tables highlight the chapter-wise question distribution across Physics, Chemistry, and Biology over the past five years. These trends indicate which topics have consistently appeared in the exam, helping students focus on high-weightage areas. By evaluating question patterns, subject weightage, difficulty levels, and cut-offs, we aim to give aspirants a strategic roadmap for their preparation.

Physics Chapter-Wise Analysis (2020-2024)

- **Mechanics:** Kinematics, Laws of Motion, Work & Energy, Rotational Motion, Gravitation
- **Thermodynamics:** Laws of Thermodynamics, Heat Transfer, Kinetic Theory
- **Electrostatics&Capacitance:**Coulomb's Law, Electric Field & Potential, Capacitors
- **Current Electricity:** Ohm's Law, Kirchhoff's Rules, Wheatstone Bridge, Electrical Circuits
- **Magnetism & Moving Charges:**Magnetic Fields, Ampere's Law,
- **Electromagnetic Induction**
- **Optics:** Reflection, Refraction, Wave Optics, Lenses, Mirrors
- **Modern Physics:**Photoelectric Effect, Atomic Models, Nuclear Physics
- **Work, Energy & Power:**Work-Energy Theorem, Power, Conservative & Non-Conservative Forces
- **Laws of Motion:**Newton's Laws, Friction, Circular Motion
- **Waves & Oscillations:**Simple Harmonic Motion, Sound Waves, Doppler Effect

Physics Chapter-Wise Analysis: Below Tables shows the distribution of Questions each year from 2020-2024 from each chapter of physics

Chapter	2020	2021	2022	2023	2024	Avg %
Mechanics	10%	12%	11%	13%	12%	11.6%
Thermodynamics	8%	9%	7%	8%	8%	8%
Electrostatics& Capacitance	9%	8%	10%	9%	10%	9.2%
Current Electricity	7%	6%	8%	7%	8%	7.2%
Magnetism & Moving Charges	6%	7%	6%	8%	7%	6.8%
Optics	10%	11%	9%	10%	9%	9.8%
Modern Physics	7%	8%	9%	8%	9%	8.2%
Work,Energy&Power	6%	7%	6%	6%	7%	6.4%
Laws of Motion	5%	6%	6%	6%	7%	6%
Waves & Oscillations	6%	6%	7%	7%	6%	6.4%

Chemistry Chapter-Wise Analysis (2020-2024)

- **Chemical Bonding:** Hybridisation, VSEPR Theory, Molecular Orbital Theory
- **Organic Chemistry:** Reaction Mechanisms, Alcohols & Phenols, Aldehydes & Ketones
- **Coordination Compounds:** Ligands, Nomenclature, Crystal Field Theory
- **Thermodynamics:** Gibbs Free Energy, Enthalpy, Entropy
- **Electrochemistry:** Redox Reactions, Nernst Equation, Electrolysis
- **d- and f-Block Elements:** Transition Elements, Lanthanides & Actinides
- **Equilibrium:** Chemical & Ionic Equilibrium, Le Chatelier's Principle
- **Hydrocarbons:** Alkanes, Alkenes, Alkynes, Aromatic Compounds

Chemistry Chapter-Wise Analysis: Below Tables shows the distribution of Questions each year from 2020-2024 from each chapter of Chemistry

Chapter	2020	2021	2022	2023	2024	Avg %
Chemical Bonding	10%	9%	11%	10%	10%	10%
Organic Chemistry	12%	13%	14%	15%	16%	14%
Coordination Compounds	6%	7%	6%	7%	8%	6.8%
Thermodynamics	8%	7%	9%	8%	8%	8%
Electrochemistry	6%	5%	7%	6%	7%	6.2%
d & f-Block Elements	7%	8%	6%	7%	7%	7%
Equilibrium	7%	6%	8%	7%	8%	7.2%
Hydrocarbons	5%	6%	7%	6%	7%	6.2%
Surface Chemistry	5%	5%	6%	5%	6%	5.4%

Biology Chapter-Wise Analysis (2020-2024)

- **Molecular Basis of Inheritance:** DNA Replication, RNA, Gene Expression
- **Animal Kingdom:** Classification, Phyla, Chordates
- **Ecology:** Ecosystems, Biodiversity, Environmental Issues
- **Human Physiology:** Circulatory System, Digestive System, Nervous System
- **Biotechnology:** Genetic Engineering, PCR, Recombinant DNA
- **Plant Kingdom:** Algae, Bryophytes, Gymnosperms, Angiosperms
- **Cell Structure & Function:** Cell Organelles, Membrane Structure, Cell Cycle

Biology Chapter-Wise Analysis: Below Tables shows the distribution of Questions each year from 2020-2024 from each chapter of biology

Chapter	2020	2021	2022	2023	2024	Avg%Weight age
Molecular Basis of Inheritance	12%	13%	12%	11%	12%	12%
Animal Kingdom	10%	9%	11%	10%	9%	9.8%
Ecology	8%	7%	9%	8%	8%	8%
Human Physiology	14%	15%	13%	14%	13%	13.8%
Biotechnology	7%	8%	6%	7%	8%	7.2%
Plant Kingdom	5%	6%	6%	5%	5%	5.4%
Cell Structure & Function	6%	6%	7%	7%	7%	6.6%

Predictions for NEET UG 2025

Expected Trends

- **Physics:** Increased focus on numerical-based questions, especially from Modern Physics, Mechanics, and Electromagnetism.
- **Chemistry:** Higher weightage for Organic Chemistry and reaction mechanisms.
- **Biology:** Greater emphasis on Genetics, Human Physiology, and application-based questions

Predicted Weightage by Subject

Subject	Key Focus Areas
Physics	Modern Physics, Mechanics, Electrostatics
Chemistry	Organic Chemistry, Coordination Chemistry, Thermodynamics
Biology	Genetics, Biotechnology, Human Physiology

Expected Cut-Off Trends for 2025

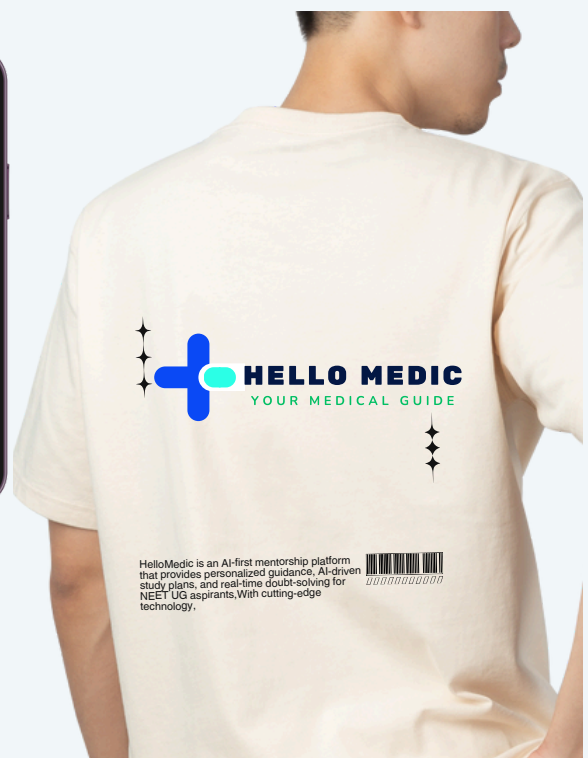
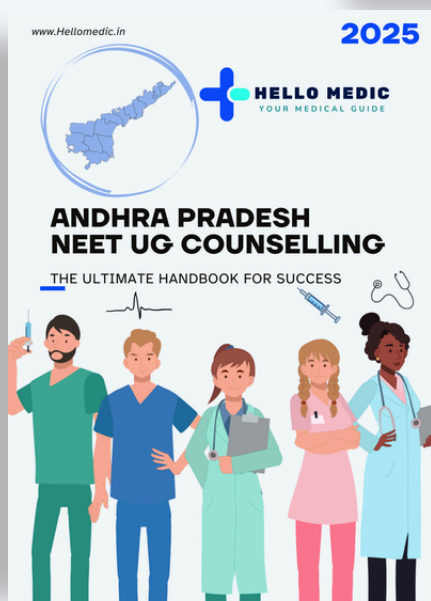
Category	Predicted Cut-Off Marks
General	715 - 720
OBC	680 - 700
SC	600 - 650
ST	580 - 620

Expected Trends Key Take Aways

- **Physics:** More numerical-based questions; emphasis on mechanics and electromagnetism.
- **Chemistry:** Organic Chemistry saw an increase in weightage; conceptual questions dominated.
- **Biology:** NCERT remained the primary focus, but application-based questions increased.

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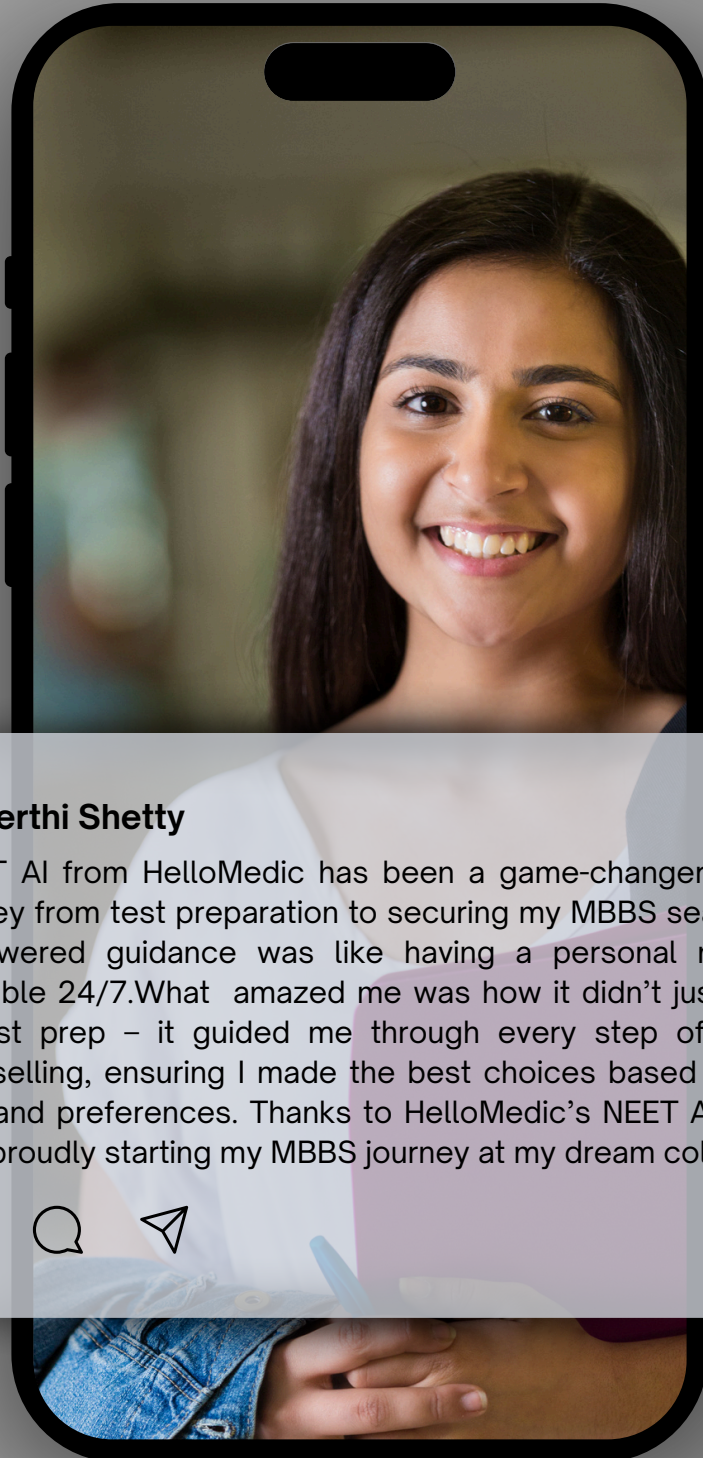
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