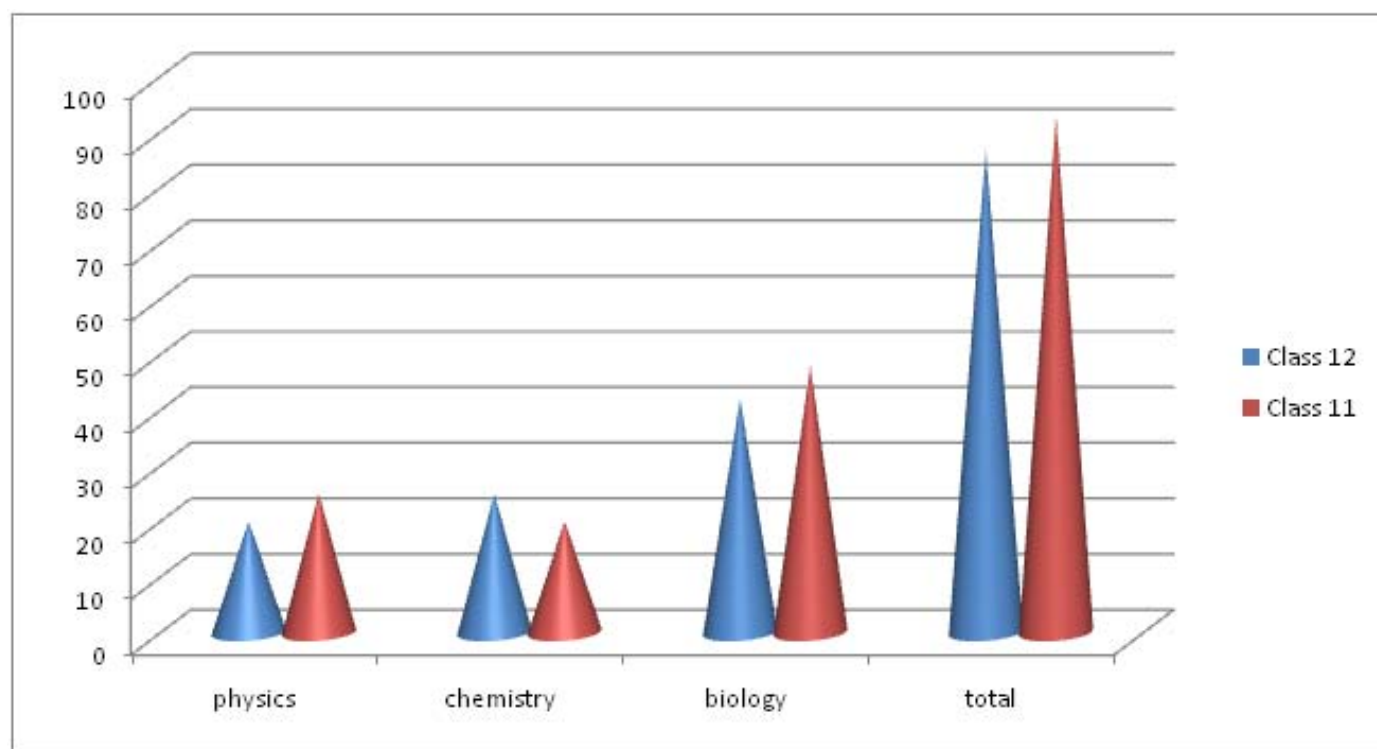


NEET UG 2013 Paper Analysis

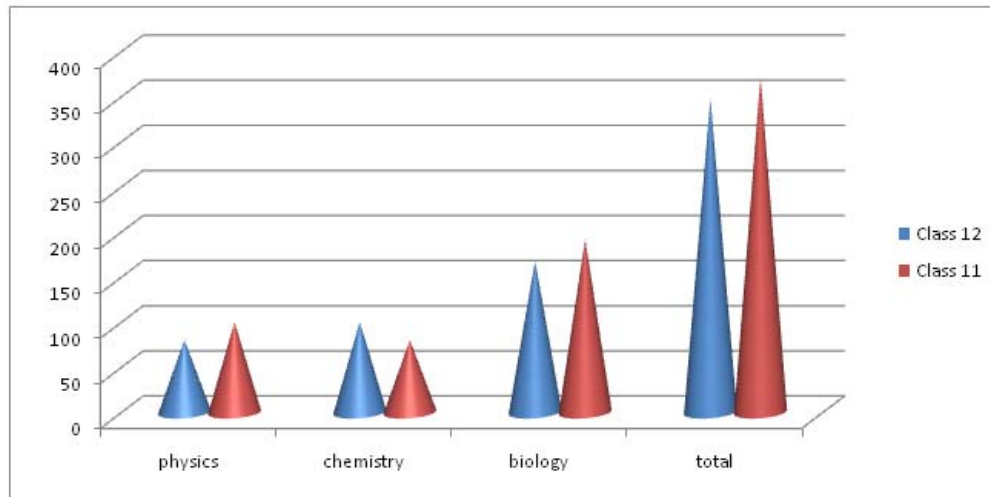
Question Distribution

Class	Physics	Chemistry	Biology	Total
Class 12	20	25	42	87
Class 11	25	20	48	93



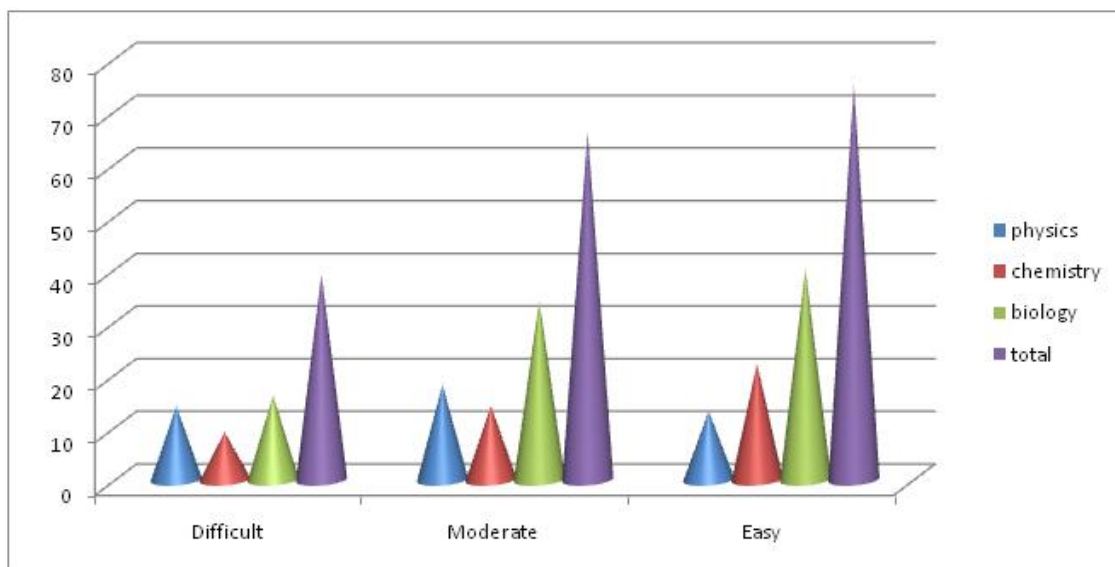
Marks Distribution

Class	Physics	Chemistry	Biology	Total
Class 12	80	100	168	348
Class 11	100	80	192	372



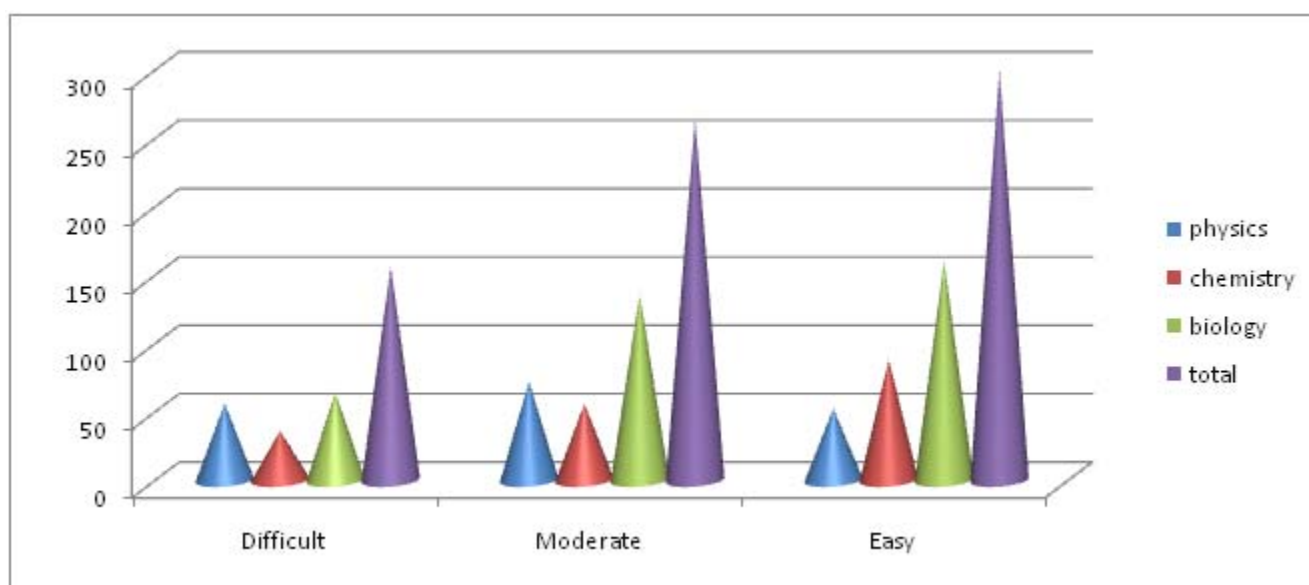
Toughness Level of Questions

Toughness level	Physics	Chemistry	Biology	Total
Difficult	14	9	16	39
Moderate	18	14	34	66
Easy	13	22	40	75



Marks Distribution According to Difficulty Level

Toughness level	Physics	Chemistry	Biology	Total
Difficult	56	36	64	156
Moderate	72	56	136	264
Easy	52	88	160	300



Topic Wise Marks Allocation of Chemistry

Section	No of question	Max. marks	% Weightage
Inorganic chem-1	5	20	11.11%
Inorganic chem-2	8	32	17.77%
Organic chem-1	3	12	6.67%
Organic chem-2	11	44	24.44%
Physical chem-1	12	48	26.67%
Physical chem-2	6	24	13.33%
total	45	180	100%

Marks Distribution of Chemistry Across Units and Topics

Section	Topic Name	No of question	marks	%weightage
Inorganic chem-1	Chemical bonding	3	12	6.67%
	P-block elements I	2	8	4.44%
Inorganic chem-2	d-block& f block	3	12	6.67%
	P-block elements II	3	12	6.67%
	Extraction of Elements	2	8	4.44%
Organic chem-1	General Organic Chemistry	3	12	6.67%
Organic chem-2	Alcohol, phenol& ether,	1	4	2.22%
	Aldehyde & Ketone	2	8	4.44%
	Carboxylic Acid	2	8	4.44%
	Polymer	3	12	6.67%
	Nitrogen Containing Compounds	2	8	4.44%
	Chemistry in everyday life	1	4	2.22%
Physical chem-1	Atomic structure	3	12	6.67%
	Gaseous state	2	8	4.44%
	Ionic equilibrium	2	8	4.44%
	Chemical Thermodynamics	2	8	4.44%
	Mole Concept	3	12	6.67%
Physical chem-2	Chemical kinetic	1	4	2.22%
	Electrochemistry	3	12	6.67%
	Solid state	1	4	2.22%

	Redox Reactions	1	4	2.22%
Grand total		45	180	100%

Marks Distribution of Physics Across Units and Topics

Topic	Sub Topic	No of Question	Total mark	% weightage
Electricity and Magnetism				22.22%
	Current Electricity	3.	12	6.67%
	Electromagnetic Field	3	12	6.67%
	E.M.I	2	8	4.44%
	Electrostatic	2	8	4.44%
Heat and Thermodynamics				15.56%
	Heat Transfer	3	12	6.67%
	Thermodynamics	4	16	8.89%
Mechanics				28.87%
	Kinematics	1	4	2.22%
	Unit, Dimension and Error Analysis	1		
	Friction	1	4	2.22%
	Work Power Energy	1	4	2.22%
	Newton's Laws of Motion	2	8	4.44%
	Fluid Mechanics& Properties of Matter	2	8	4.44%
	Gravitation and Projectile Motion	2	8	4.44%
	Rigid Body Dynamic	4	16	8.89%

Modern Physics				15.55%
	Modern Physics	5	20	11.11%
	Semi-conductor	2	8	4.44%
Optics				8.88%
	Ray Optics	2	8	4.44%
	Wave Optics	2	8	4.44%
SHM & WAVES				8.88%
	SHM	2	8	4.44%
	String Waves and Sound Waves	2	8	4.44%
Total		45	180	100%

Marks Distribution of Biology Across Units And Topics

Topic	Sub Topic	No of Question	Total mark	% weightage
Diversity in the Living World	The Living World	1	4	1.11%
	Biological Classification	9	36	10.00%
	Plant Kingdom	5	20	5.55%
	Animal Kingdom	0	0	0.00%
Structural Organization In Plants and	Morphology of Flowering Plants	2	8	2.22%
	Anatomy of Flowering Plants	0	0	

Animals	Structural Organization in Animals	1	4	1.11%
Cell Structure And Functions	Cell: The Unit of Life	5	20	5.55%
	Biomolecules	6	24	6.66%
	Cell Cycle and Cell Division	2	8	2.22%
Plant Physiology	Transport in Plants	1	4	1.11%
	Mineral Nutrition	2	8	2.22%
	Photosynthesis in Higher Plants	0	0	0.00%
	Respiration in Plants	0	0	0.00%
	Plant Growth and Development	2	8	2.22%
Human Physiology	Digestion and Absorption	2	8	2.22%
	Breathing and Exchange of Gases	4	16	4.44%
	Body Fluids and Circulation	3	12	3.33%
	Excretory Products and their Elimination	1	4	1.11%
	Locomotion and Movement	3	12	3.33%
	Neural Control and Coordination	0	0	0.00%
	Chemical Coordination and Integration	0	0	0.00%
Reproduction	Reproduction in organisms	0	0	0.00%
	Sexual reproduction in flowering plants	4	16	4.44%
	Human Reproduction	5	20	5.55%
	Reproductive health	2	8	2.22%

Genetics and Evolution	Principles of Inheritance and variation	9	36	10.00%
	Molecular basis of inheritance	4	16	4.44%
	Evolution: Origin of life	4	16	4.44%
Biology and Human Welfare	Health and disease	2	8	2.22%
	Improvement in food production	0	0	0.00%
	Microbes in human welfare	1	4	1.11%
Biotechnology and Its Applications	Principles and processes of biotechnology	1	4	1.11%
	Application of biotechnology in health and agriculture	1	4	1.11%
Ecology and Environment	Organisms and Population	2	8	2.22%
	Ecosystems	2	8	2.22%
	Environmental issues	4	16	4.44%
	Total	90	360	100%