

## Paper Analysis - AIPMT (NEET) - 2014

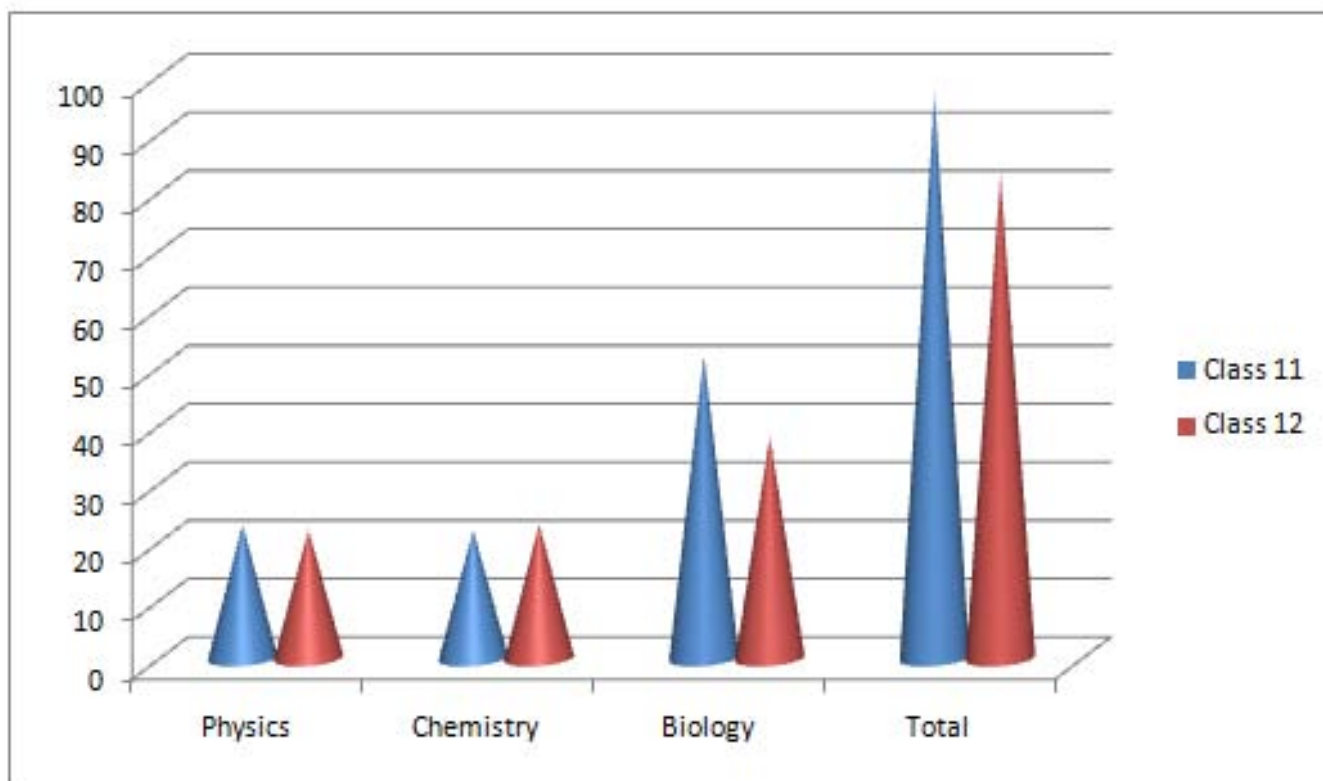
askITians presents before you expert analysis of AIMPT 2014. Use this comprehensive analysis to understand:

Relative importance of topics

Relative weightage of Class12th and Class 11th syllabus

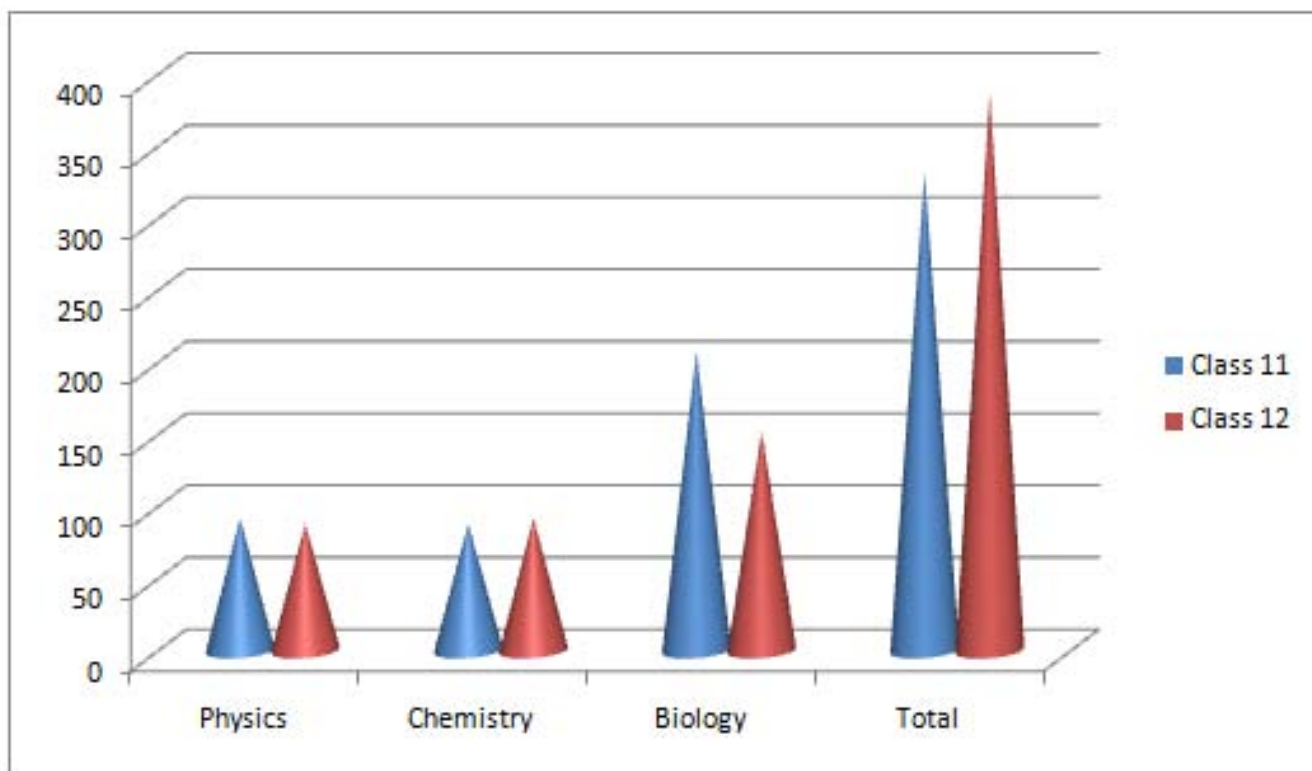
Question distribution

Class	Physics	Chemistry	Biology	Total
Class 12	22	23	38	83
Class 11	23	22	52	97



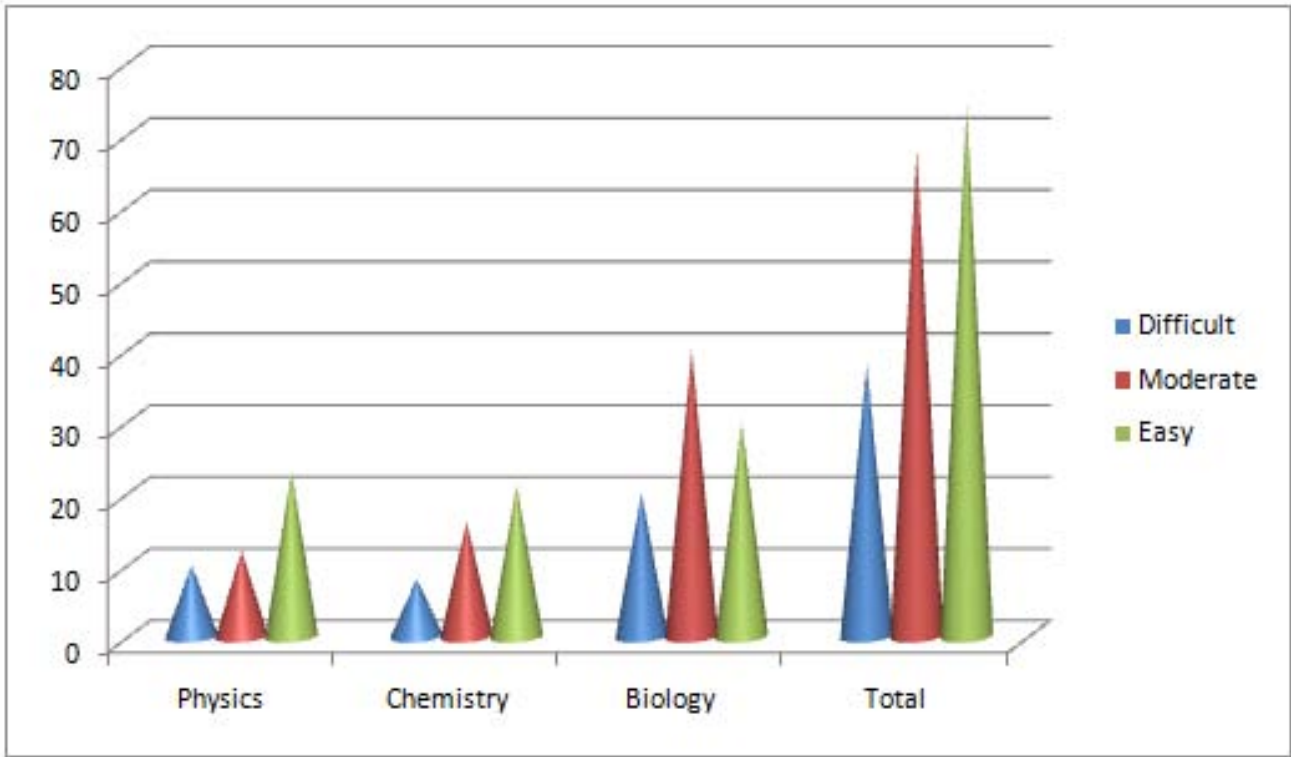
### Marks distribution

Class	Physics	Chemistry	Biology	Total
Class 12	88	92	152	332
Class 11	92	88	208	388

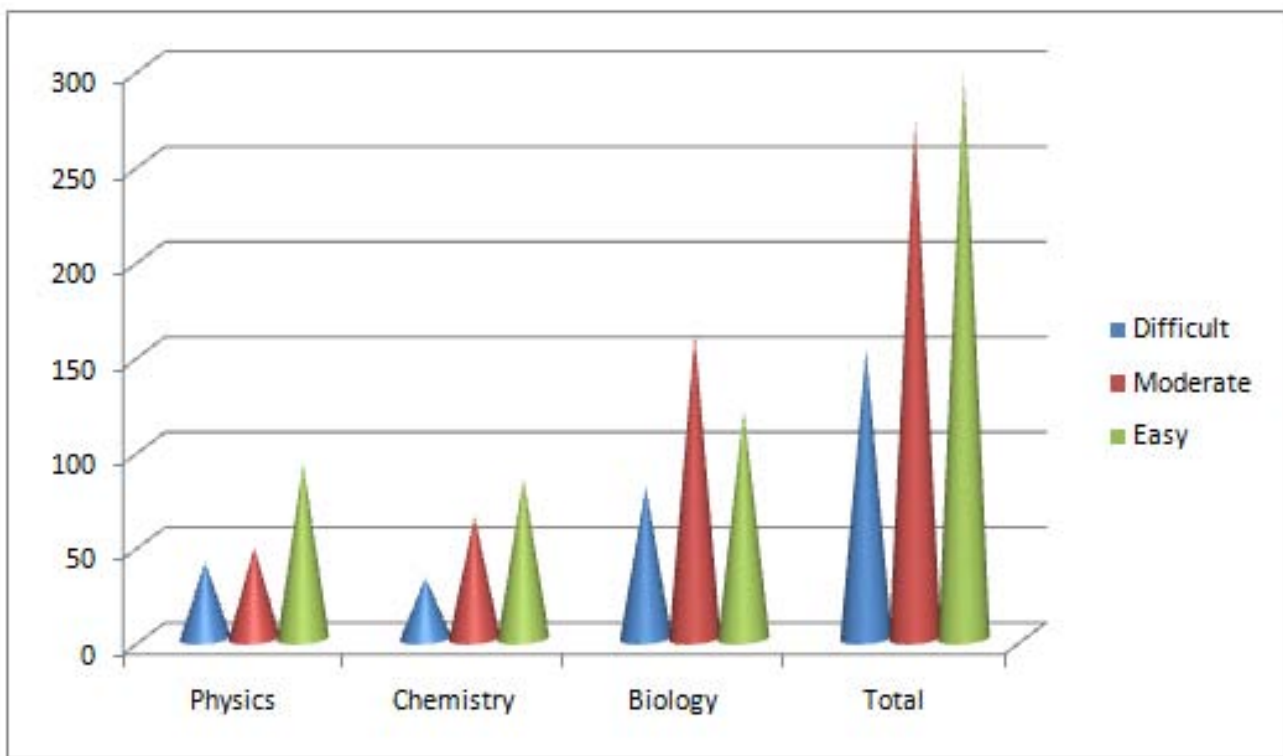


### Toughness Level of Questions

Toughness level	Physic	Chemistry	Biology	Total
Difficult	10	8	20	38
moderate	12	16	40	68
Easy	23	21	30	74



**Marks Distribution According to Difficulty Level**



**PHYSICS**

	Electrodynamics	Heat and thermodynamics	Mechanics	Modern physics	optics	SHM & waves	TOTAL
No of question	12	5	15	8	2	3	45
Max.marks	48	20	60	32	8	12	180
%weightage	26	11	33	18	5	7	100

**Marks Distribution of Physics Across Units and Topics**

	Topic name	No of question	Total marks	%weightage
Electricity and magnetism	Current electricity	4	16	9
	Electromagnetic field	3	12	7
	E.M.I	3	12	7
	electrostatic	2	8	4
Heat and thermodynamics	Heat transfer	2	8	4
	thermodynamics	3	12	7
Mechanics	kinematics	3	12	7
	Unit, dimension and error analysis	1	4	2
	friction	1	4	2
	Work power energy	2	8	4
	Newton's laws of motion	3	12	7
	Fluid mechanics & properties of matter	1	4	2

	Gravitation and projectile motion	2	8	4
	Rigid body dynamic	2	8	4
Modern physics	Modern physics	4	16	9
	Semi-conductor	4	16	9
Optics	Geometrical and physical optics	1	4	2
	Wave optics	1	4	3
SHM & WAVES	SHM	1	4	3
	String waves and sound wave	2	8	4

**Mark Distribution of Biology Across Units and Topics**

	Topic name	No of Question	Marks	% weightage (approx...)
Diversity in the living world	The living world	1	4	1
	Biological classification	5	20	6
	Plant kingdom	2	8	2
	Animal kingdom	4	16	5
Structural organization in plants and animals	Morphology of flowering plants	3	12	3
	Anatomy of flowering plants	4	16	5
	Structural organization in animals	1	4	1
Cell structure and	Cell: the unit of life	2	8	2

functions	Biomolecules	2	8	2
	Cell cycle and cell division	3	12	3
Plant physiology	Transport in plants	2	8	2
	Mineral nutrition	0		
	Photosynthesis in higher plants	2	8	2
	Respiration in plants	0		
	Plant growth and development	2	8	2
Human physiology	Digestion and Absorption	4	16	5
	Breathing and Exchange of Gases	0		
	Body Fluids and Circulation integration	2	8	2
	Excretory Products and their Elimination	1	4	1
	Locomotion and Movement	3	12	3
	Neural Control and Coordination	3	12	3

	Chemical Coordination and Integration	3	12	3
Reproduction	Human Reproductive	2	8	4
	Reproductive	4	16	5
	Reproductive health	0		
Genetics and evolution	Principles of inheritance and variation	3	12	3
	Molecular basis of inheritance	4	16	5
	Evolution : origin of life	3	12	3
Biology and human welfare	Health and disease	4	16	5
	Improvement in food production	2	8	2
	Microbes in human welfare	2	8	2
Biotechnology and its application	Principles and processes of biotechnology	5	20	6
	Application of biotechnology in health and agriculture	4	16	5
Ecology and environment	Organisms and population	1	4	1
	Ecosystem	5	20	5
	Environmental issues	2	4	1
Total		90	360	100

### Chemistry

	Inorganic chem-1	Inorganic Chem-2	Organic Chem-1	Organic Chem-2	Physical chem-1	Physical chem-2	Total
No of question	4	5	7	9	11	9	45
Max.marks	16	20	28	36	44	36	180
%weightage	9	11	17	19	24	20	100

### Marks Distribution of Chemistry Across Units and Topics

		No of question	marks	%weightage
Inorganic chem.-1	Chemical bonding	2	8	4
	p-block elements 1	2	8	4
Inorganic chem-2	d-block & f block	2	8	4
	p-block element2	2	8	4
	Extraction of elements	1	4	2
Organic chem-1	GOC-2	7	28	16
Organic chem-2	Alcohol , phenol & ether	3	12	8
	Aldehyde & ketone	3	12	8
	Carboxylic acid	2	8	4
	polymer			
	Nitrogen containing compounds	1	4	2
	Chemistry in everyday life	-		
Physical chem-1	atomic structure	2	8	4



Physical chem-1	Gaseous state	3	12	8
	Ionic equilibrium	2	8	4
	Mole concept	2	8	4
	Chemical Thermodynamic	2	8	4
Physical chem-2	Chemical kinetic	3	12	8
	Electrochemistry	2	8	4
	Solid state	2	8	4
	Redox reactions	2	8	4
Grand total		45	180	100