

RE-AIPMT 2015 (25-July-2015)

QUESTION PAPER ANALYSIS

The most prestigious entrance exam of Pre-Medical in India, **AIPMT** has been conducted again on 25th July 2015 in 4 codes (Code-A, B, C, D) from 10am to 1pm across the nation.

Total 180 questions were asked; 45 in Physics & Chemistry and 90 in Biology.

OVER ALL SUBJECT WISE ANALYSIS

Physics

- Physics paper can be said as difficult and good.
- Most of the questions were difficult and above average.
- 17 questions were from Mechanics and students must have felt difficulty in them.
- 08 questions were from Heat & Thermodynamics
- 55% questions were from class 11 syllabus and 45% paper asked from class 12 syllabus.

Chemistry

- This paper can be said tougher than 3rd May exam.
- 35% questions were average.
- 18% questions were difficult.
- Physical chemistry had some lengthy calculation questions.
- Questions from Inorganic chemistry were from NCERT.
- Mechanism based Questions asked from Organic chemistry.

Biology

- Biology papers can be said an average paper.
- Generally in AIPMT exam, most of the questions asked were NCERT based but in this paper 20% portion could not be found in NCERT which might trouble students who did preparation from only NCERT.
- Most of the questions were simple and theory based questions.

DISTRIBUTION OF QUESTIONS

TYPE	PHYSICS		CHEMISTRY		BIOLOGY	
	Class XI Portion	Class XII Portion	Class XI Portion	Class XII Portion	Class XI Portion	Class XII Portion
Total No Of Ques.	25	20	24	21	42	48
Marks	100	80	96	84	168	192
% Marks	55%	45%	53%	47%	47%	53%

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QUESTION PAPER ANALYSIS
DIFFICULTY LEVEL

Scale	Physics		Chemistry		Biology	
	No Of Que.	%age	No Of Que.	%age	No Of Que.	%age
Easy	0	0%	7	16%	27	30%
Average	13	29%	16	35%	39	43%
Above Average	21	47%	14	31%	19	21%
Difficult	11	24%	8	18%	5	6%

UNIT WISE PORTION DISTRIBUTION & DIFFICULTY LEVEL

Physics	No of Que	Easy	Average	Above Average	Difficult
Physical World					
Units & Measurement	1			1	
Motion In Straight Line					
Motion In A Plane					
Laws Of Motion	1			1	
Work Energy & Power	3			1	2
System Of Particles And Rotational Motion	6			3	3
Gravitation	2		1	1	
Mechanical Properties Of Solids	1			1	
Mechanical Properties Of Fluids	3		1	2	
Thermal Properties Of Matter	1		1		
Thermodynamics	2			2	
Kinetic Theory Of Gases	1			1	
Oscillations	1			1	
Waves	3			1	2
Electric Charges And Fields					
Electrostatic Potential And Capacitance	2			2	
Current Electricity	3		2	1	
Moving Charges And Magnetism	1			1	
Magnetism And Matter					
Electromagnetic Induction	2		2		
Alternating Current	1				1
Electromagnetic Waves					
Ray Optics And Optical Instruments	2			1	1
Wave Optics	2		1	1	
Dual Nature Of Radiation And Matter	3		2		1
Atoms	1		1		
Nuclei	1		1		
Semiconductor Electronics: Materials, Devices And Simple Circuits	2		1		1
Communication Systems					

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Chemistry	No of Que	Easy	Average	Above Average	Difficult
Some Basic Concept Of Chemistry	4		1	1	2
Structure of Atom	1		1		
Classification Of Elements & Periodicity In Properties	2		2		
Chemical Bonding & Molecular Structure	4	2	1	1	
State Of Matter: Gas & Liquid	1		1		
Chemical Thermodynamics	1			1	
Equilibrium	3	1	1	1	
Redox Reaction	1				1
Hydrogen					
S-Block Elements	1		1		
Some P-Block Elements					
Organic Chemistry: Some Basic Principle & Techniques	4		2	1	1
Hydrocarbons	4		1	3	
Environmental Chemistry					
The Solid State	2	1	1		
Solutions	1			1	
Electrochemistry					
Chemical Kinetics	1			1	
Surface Chemistry					
General Principles And Processes Of Isolation Of Elements	1			1	
The P-Block Elements	3	1		1	1
The D-And F-Block Elements					
Coordination Compounds	4		3	1	
Haloalkanes And Haloarenes					
Alcohols, Phenols And Ethers	2		1		1
Aldehydes, Ketones And Carboxylic Acids	1				1
Amines	3	1	1		1
Biomolecules					
Polymers	1	1			
Chemistry In Everyday Life					

Biology	No of Que	Easy	Average	Above Average	Difficult
Diversity In The Living World	16	10	5	1	
Structural Organization In Plants And Animals	8	2	3	2	1
Cell : Structure And Functions	11	1	4	4	2
Plant Physiology	7	1	1	4	1
Human Physiology	11	1	8	2	
Reproduction	9	3	4	2	
Genetics And Evolution	11	4	6	1	
Biology In Human Welfare	4	2	2		
Biotechnology	3	1	1	1	
Ecology	10	2	5	2	1