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Medical - UG NEET 2017 Question Paper Analysis



Rao Intelligence Search Examination (RISE) – 2017 **14th May & 4th June 2017**

Test Centers: *Mumbai, Kota, Delhi-NCR, Pune, Nagpur, Silvassa, Vapi*

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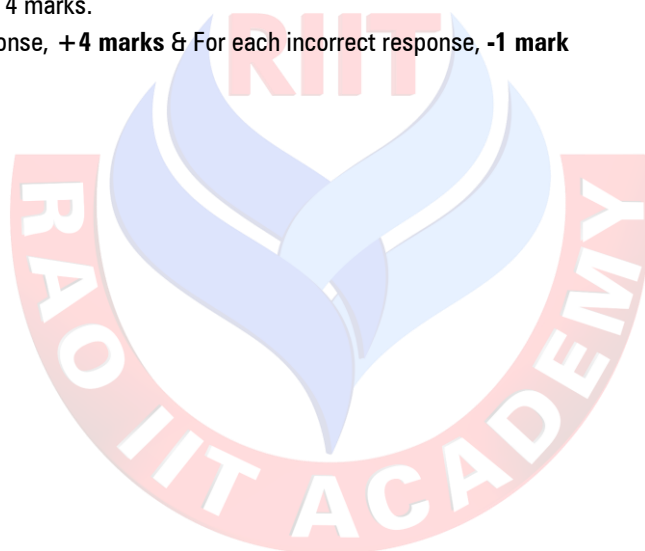
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GENERAL OVERVIEW

- ❖ **NEET 2017 Exam Date:** 7th May 2017
- ❖ **Subject:** Physics, Chemistry & Biology
- ❖ **Paper Duration:** 3 hours
- ❖ **Total No. of Question:** 180; Physics – 45, Chemistry – 45, Biology – 90
 - All single correct answer type questions
- ❖ **Total Marks:** 720
 - Each Question carries 4 marks.
 - For each correct response, +4 marks & For each incorrect response, -1 mark



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PHYSICS ANALYSIS

Physics Topics	Marks Allotted
Newton's Laws of Motion	12
Work, Energy & Power	4
Circular Motion	4
System of particles	4
Rotational Motion	8
Electrostatics	8
Gravitation	4
Capacitors	4
Current Electricity	8
Magnetism	4
Electromagnetic Induction	16
Alternative Current	0
Units and Dimensions	4
Kinematics	8
Heat & Thermodynamics	20
Elasticity	4
Fluids, Surface tension, Viscosity	4
Simple Harmonic Motion	4
Wave and sounds	8
Ray Optics	12
Wave Optics	8
Modern Physics	16
Semiconductors & Logical Gates	12
Electromagnetic Wave	4

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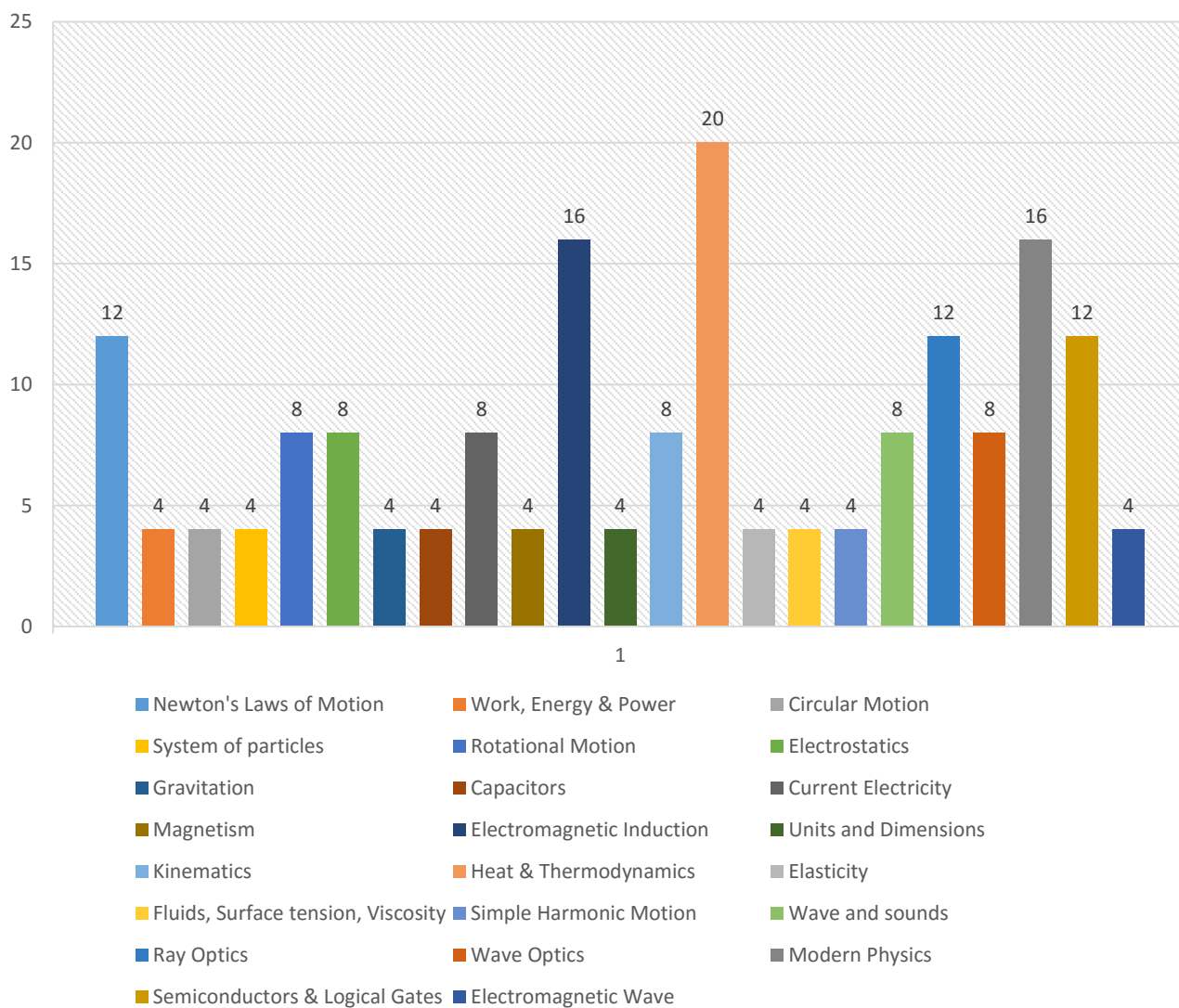
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PHYSICS ANALYSIS

Topic-Wise Distribution of Marks



➤ Important Point- Difficult as well as lengthy to complete in 1 hour. 2 Questions (question no. 13 & 32) in code R question paper have no correct options. Also question no. 37 has B & C as same answer which are correct. So some errors in physics section and difficult to score as always.

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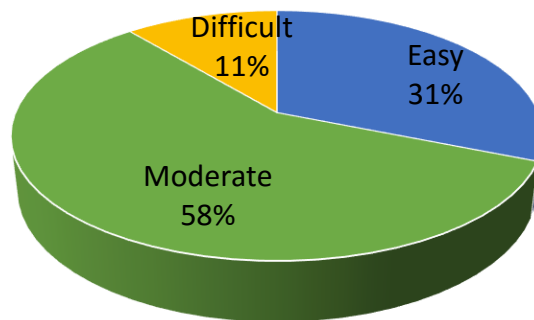
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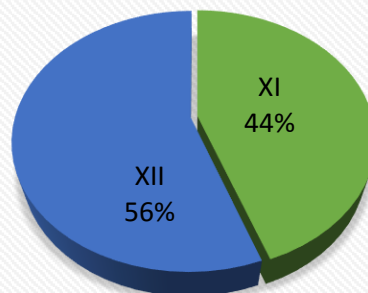


PHYSICS ANALYSIS

Physics Difficulty Level	Marks Allotted
Easy	56
Moderate	104
Difficult	20



Class-Wise Distribution of Marks	Marks Allotted
XI th	80
XII th	100



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CHEMISTRY ANALYSIS

Chemistry Topic Name	Marks Allotted
Atomic Structure	4
Thermodynamics	8
Volumetric Analysis	4
Chemical Equilibrium	8
Ionic Equilibrium	4
Chemical Kinetics & Nuclear Chemistry	8
Electrochemistry	4
Solutions & Colligative Properties	4
Solid State	4
Surface Chemistry	4
Nomenclature	4
General Organic Chemistry	12
Alkanes	4
Alkynes	8
Aromatic & Phenols	4
Aldehydes & Aryl	8
Alcohols & Ethers	8
Carbonyls	4
Carboxylic Acid & Amines	4
Biomolecules & Amino Acids & Polymers	4
Chemistry In Everyday Life	4
Periodic Properties	4
Chemical Bonding	12
S-Block	4
P-Block	12
D-Block	4
F-Block	4
Mellalurgy	4
Coordination Compound	12
Qualitative Analysis	4
Environmental Chemistry	4

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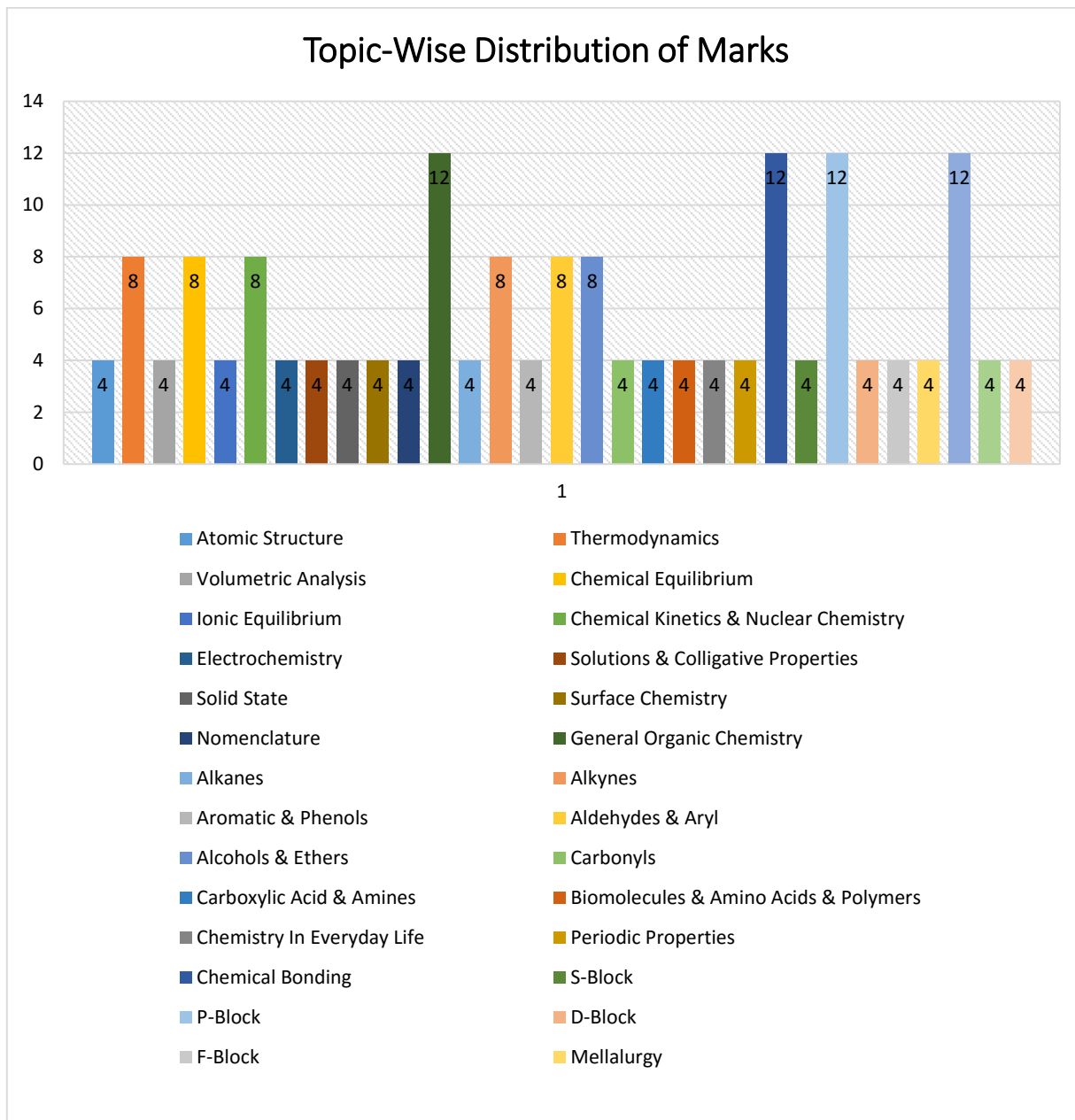
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CHEMISTRY ANALYSIS



- Important Point - Questions are mostly easy however 2 questions (for Code P) i.e. Question no. 4 has no correct answer option and Question no. 30 is out of syllabus.

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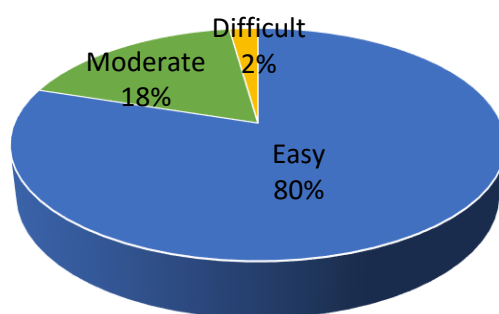
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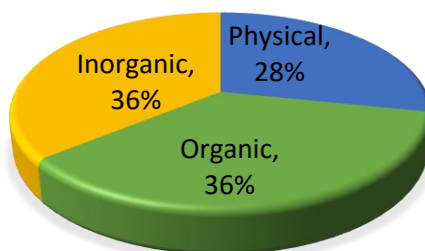


CHEMISTRY ANALYSIS

Chemistry Difficulty Level	Marks Allotted
Easy	144
Moderate	32
Difficult	4



Chemistry Sections	Marks Allotted
Organic Chemistry	64
Inorganic Chemistry	64
Physical Chemistry	52



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BIOLOGY ANALYSIS

Topic-Wise Distribution of Marks

Zoology Topic Name	Marks	Botany Topic Name	Marks
Study Of Animal Tissues	8	Biological Classification	16
Animal Kingdom	16	Plant Kingdom	16
Digestion & Absorption	12	Morphology of Flowering Plants	20
Breathing & Exchange Of Gases	8	Anatomy of Flowering Plants	16
Locomotion & Movement	4	Cell Theory & Cell as the Basic Unit of life	12
Body Fluids & Circulation	8	Chemical Constituents: Biomolecules	8
Excretory Products & Their Elimination	8	Cell Division	8
Neural Control & Coordination	8	Transport in Plants & Mineral Nutrition	8
Chemical Coordination & Integration	12	Plant growth and Development	4
Human Reproduction & Reproductive Health	16	Photosynthesis	8
Human Health & Disease	12	Respiration	4
Principles Of Inheritance And Variation	20	Reproduction in Organisms	0
Improvement In Food Production, Apiculture & Husbandry(Botany)	4	Sexual Reproduction in Flowering Plants	20
Organisms and Populations(Botany)	12	Molecular Basis of Inheritance	28
Ecosystem(Botany)	8	Microbes in Human Welfare	8
Biodiversity and its Conservations(Botany)	8	Principles and Process of biotechnology	8
Environmental Issues(Botany)	4	Applications of Biotechnology	4

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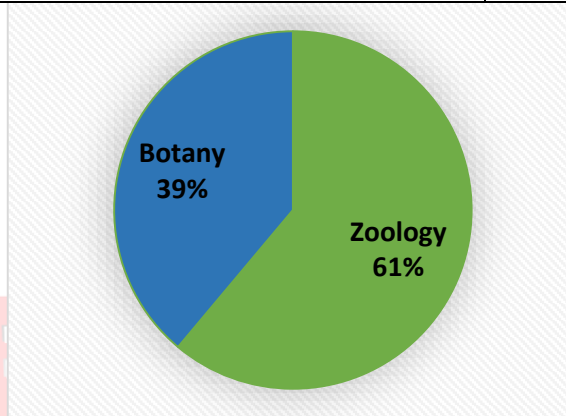
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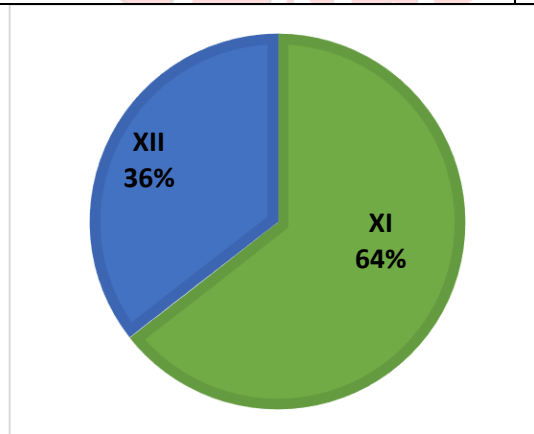


BIOLOGY ANALYSIS

Distribution of Biology	No. of Questions
Zoology	35
Botany	55



Class-wise Distribution of Biology	Marks Allotted
XI th	232
XII th	128



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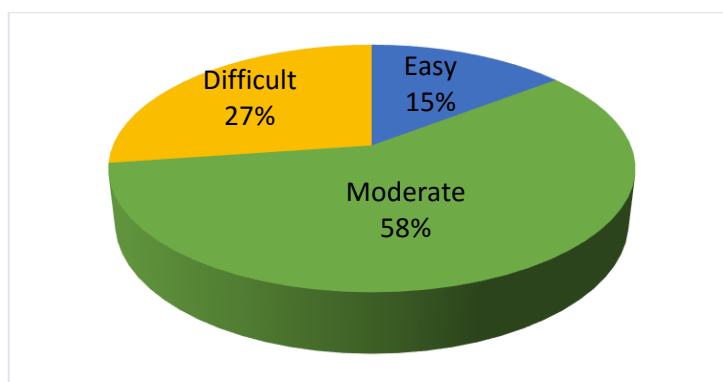
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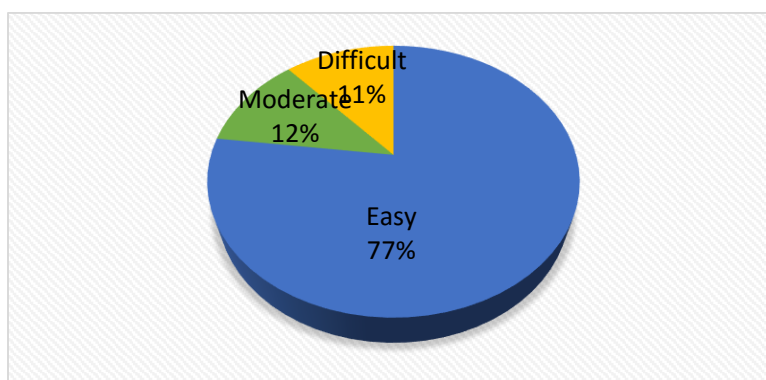


BIOLOGY ANALYSIS

Difficulty Level in Botany	Marks Allotted
Easy	32
Moderate	128
Difficult	60



Difficulty Level in Zoology	Marks Allotted
Easy	108
Moderate	16
Difficult	16



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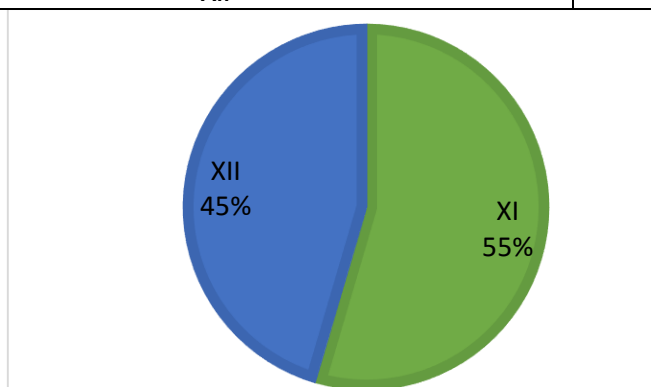
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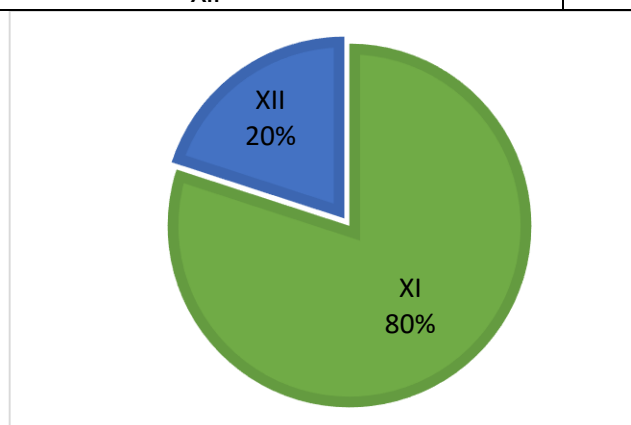


BIOLOGY ANALYSIS

Class-wise Distribution of Botany	Marks Allotted
XI th	120
XII th	100



Class-wise Distribution of Zoology	Marks Allotted
XI th	112
XII th	28



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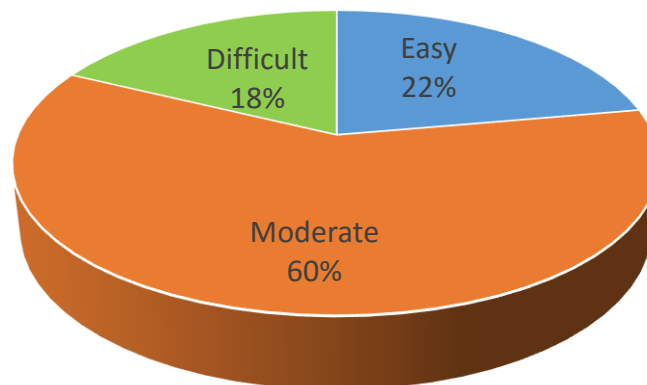
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BIOLOGY ANALYSIS

Difficulty Level	No. of Questions
Easy	20
Moderate	54
Difficult	16



- Important Points - 55 Questions from Botany and 35 from Zoology. All clear questions mostly from NCERT directly, 60% weightage given to 12th portion. Students will find it easier to score in comparison to last year phase -1 & 2 NEET.

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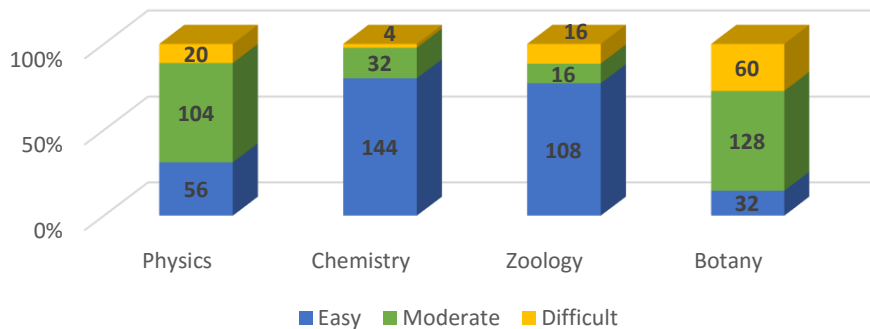


OVERALL ANALYSIS

Difficulty Level vs no. of Question in %

Difficulty Level	No. of Questions in Physics	No. of Questions in Chemistry	No. of Questions in Zoology	No. of Questions in Botany	Overall
Easy	14	36	27	8	85
Moderate	26	8	4	32	70
Difficult	5	1	4	15	25
Total No. of Questions	45	45	35	55	180

Subject-Wise Difficulty Level Marks Distribution



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OVERALL ANALYSIS

Rank Prediction by Rao IIT Academy Experts

Marks	Rank
685-670	1-10
670-630	10-100
630-605	100-300
605-595	300-500
595-580	500-1000
580-578	1000-1500
578-568	1500-3000
568-555	3000-5000
555-545	5000-10000
545-530	10000-14000
530-500	14000-18000
500-460	18000-30000
460-430	30000-34500
430-410	34500-38000
410-400	38000-40000
400-300	40000-125000
300-200	125000-250000
200-145	250000-450000

Important Points: -

- All India 13.35 lakhs students have taken the NEET exam 2017.
- To sum it up, 3 Questions have no correct answer and 1 Question has 2 answer correct and 1 Question is out of syllabus.
- It will be appreciable if this marks are awarded to students to whom every mark matters. Will expect the Board members to be considerate for students.
- 175 questions are clear to attempt.
- We expect the top scorers to be around 660-670 range and many are expected to get above 500.
- In States, it will be interesting since they will intake students only on NEET performance through state rank-list. Many states like in Maharashtra having 400-415+ marks achievers can get MBBS & BDS seats in state quota having 85% seats or a good private Medical college.

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