

NEET'S

—SECRET—

Presented by **AAKASH INSTITUTE**



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CONTENT

- State-wise MBBS Seats In India
- State-wise BDS Seats In India
- Predict Cut Off Marks of Various States (UT)
- Must Do Topics to Score Higher in NEET
- PHYSICS
- ZOOLOGY
- CHEMISTRY
- BOTANY
- NEET 2020 Paper Analysis





STATE-WISE MBBS SEATS IN INDIA

Total Medical Colleges in India

519

Total Number of MBBS Seats

78598

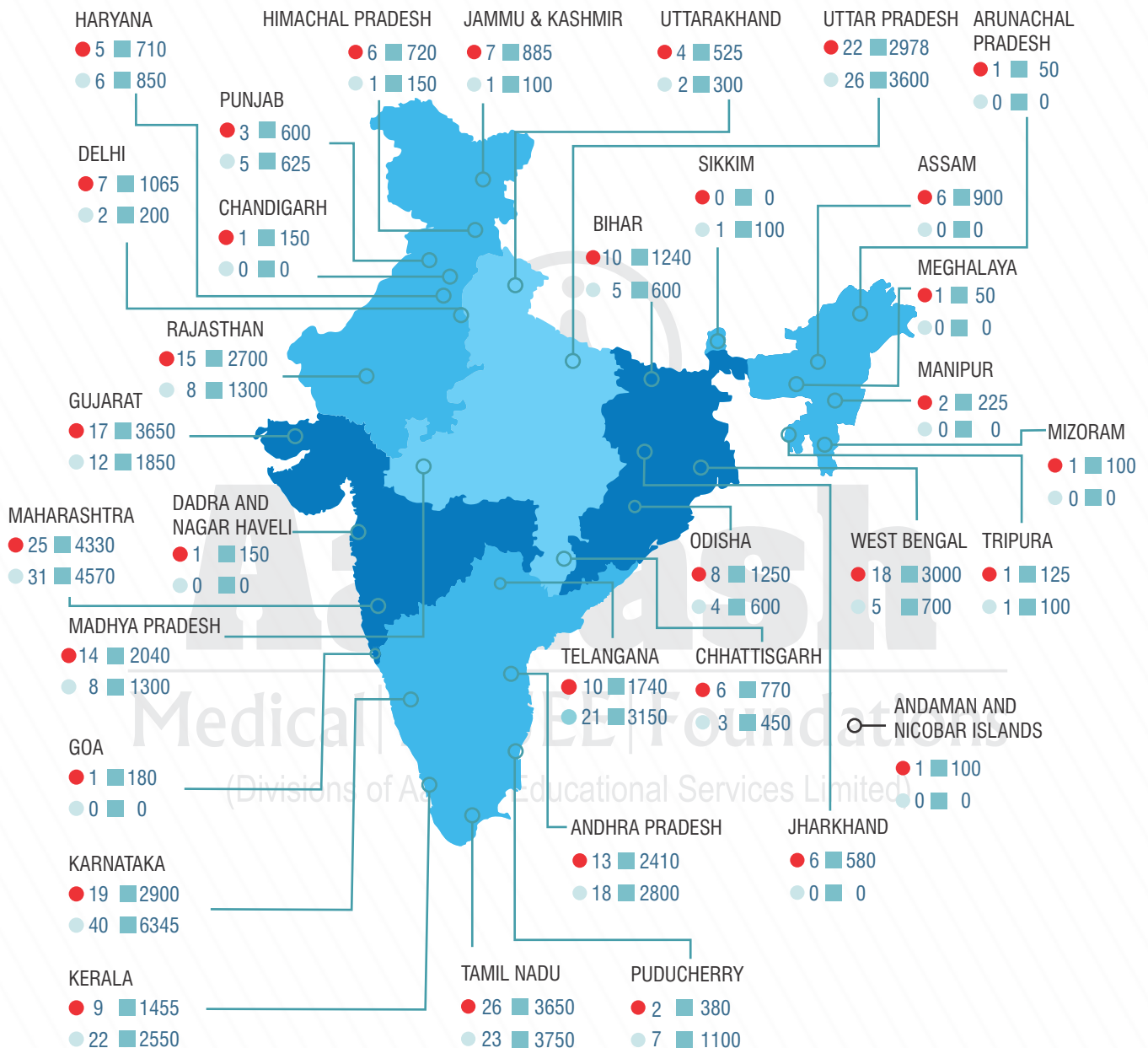
Government Colleges

268 | 41608 Seats

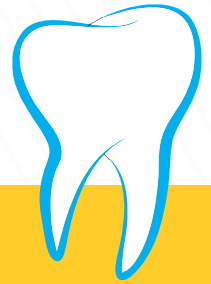
Private Colleges

251 | 36990 Seats

● Govt Colleges ● Private Colleges ■ Seats



*Out of 542 Colleges 31 are not permitted for admissions in 2019-20



STATE-WISE BDS SEATS IN INDIA

Total Colleges
in India

307*

Total Number
of BDS Seats

26949

Government
Colleges

50

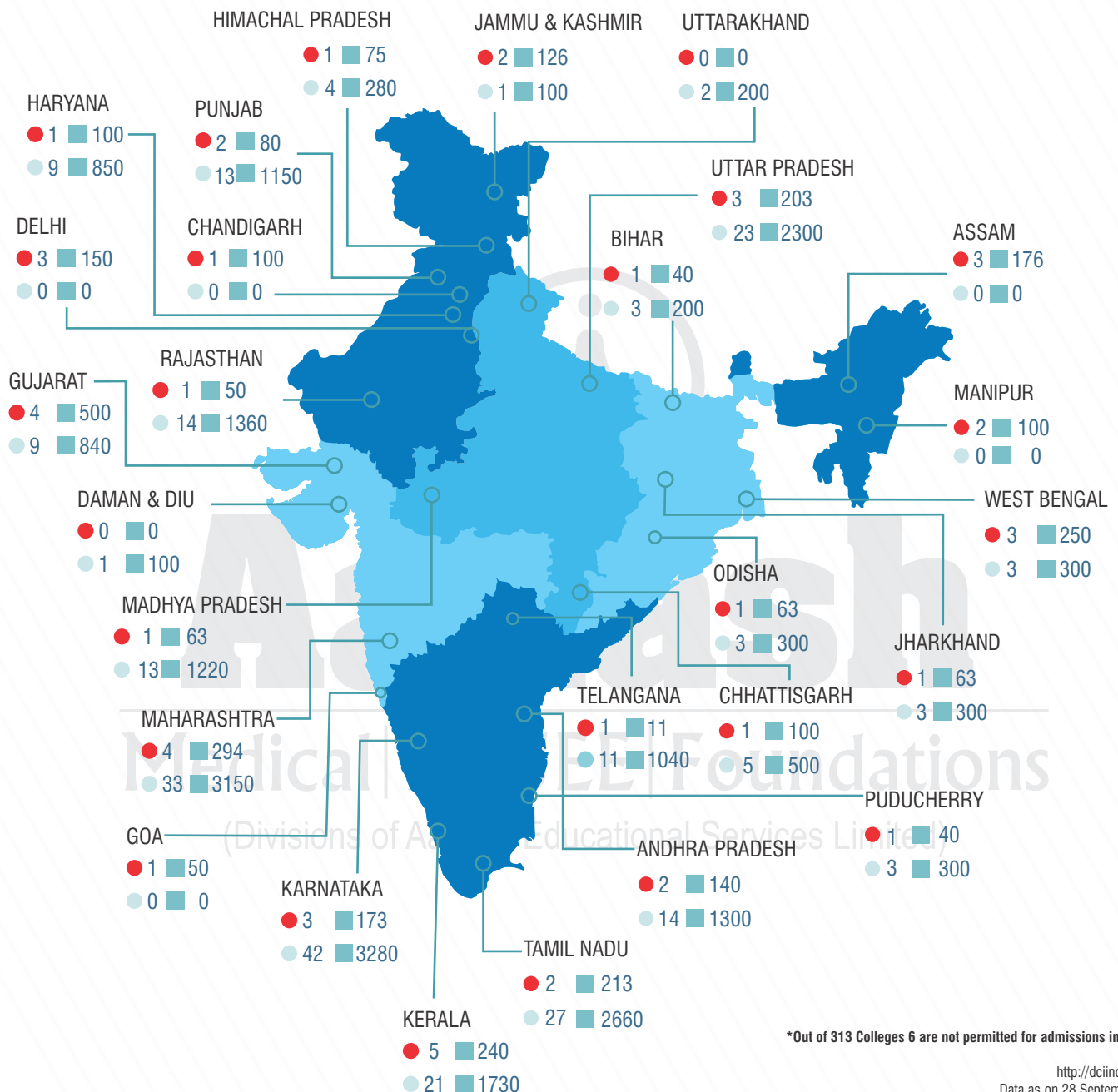
3489
Seats

Private
Colleges

257

23460
Seats

● Govt Colleges ● Private Colleges ■ Seats



*Out of 313 Colleges 6 are not permitted for admissions in 2019-20

Source:

<http://dciindia.gov.in/>

Data as on 28 September 2019



Estimate your rank in **NEET 2020** and Predict Cut Off Marks of Various States & UT



ESTIMATE YOUR **NEET 2020** RANK IN ADVANCE ON THE BASIS OF YOUR MARKS

S.No.	NEET 2019 RANK RANGE	NEET 2019 SCORE RANGE
1.	1-100	680-701
2.	101-200	672-679
3.	201-500	660-671
4.	501-1000	650-659
5.	1001-1500	642-649
6.	1501-2000	636-641
7.	2001-2500	632-635
8.	2501-3000	628-631
9.	3001-3500	624-627
10.	3501-4000	620-623
11.	4001-4500	617-619
12.	4501-5000	614-616
13.	5001-5500	611-613
14.	5501-6000	609-610
15.	6001-6500	606-608
16.	6501-7000	604-605
17.	7001-7500	601-603
18.	7501-8000	599-600
19.	8001-8500	597-598
20.	8501-9000	595-596
21.	9001-9500	593-594
22.	9501-10000	591-592
23.	10001-20000	560-590
24.	20001-35000	526-559
25.	35001-50000	499-525
26.	50001-75000	461-498
27.	75001-90000	442-460
28.	90001-120000	409-441



CUT OFF MARKS FOR **NEET-2019** (GENERAL & EWS CATEGORY) MBBS Courses in GOVT MEDICAL COLLEGE

S.No.	STATE	CUT OFF MARKS FOR NEET-2019
1.	ANDHRA PRADESH	529
2.	ASSAM	483
3.	BIHAR	568
4.	CHANDIGARH	567
5.	CHHATTISGARH	514
6.	DELHI	614
7.	GOA	423
8.	GUJARAT	526
9.	HARYANA	577
10.	JAMMU & KASHMIR	471
11.	JHARKHAND	572
12.	KARNATAKA	473
13.	KERALA	593
14.	MADHYA PRADESH	530
15.	MAHARASHTRA	577
16.	ODISHA	533
17.	PUNJAB	562
18.	RAJASTHAN	580
19.	TAMIL NADU	525
20.	TELANGANA	500
21.	UTTAR PRADESH	573
22.	UTTARAKHAND	528
23.	WEST BENGAL	517

Note: The above table gives an indicative range / scores only. The actual **NEET 2020** Cut off marks, score range and rank range may vary significantly.



MUST DO TOPICS TO SCORE HIGHER IN **NEET-UG**



PHYSICS

- System of Particles & Rotational Motion
- Semiconductor
- Current Electricity
- Thermodynamics
- Ray Optics & Optical Instruments
- Dual Nature of Radiation and Matter
- Work, Energy & Power
- Waves
- Gravitation
- Law of Motion



ZOOLOGY

- Reproduction in Organisms & Human
- Reproduction
- Animal Kingdom
- Human Health and Disease
- Evolution Theories & Evidences
- Body Fluids and Circulation
- Biotechnology-Principles & Processes
- Neural Control and Coordination
- Biomolecules
- Digestion and Absorption



CHEMISTRY

- Chemical Bonding and Molecular Structure
- Organic Chemistry Some Basis Principles and Techniques
- Equilibrium
- Electrochemistry
- Hydrocarbons
- Coordination Compounds
- Structure of Atom
- p block Elements (Group 15-18)
- Aldehyde Ketone and Carboxylic Acids



BOTANY

- Reproduction in Organisms and Sexual
- Reproduction in Flowering plants
- Biological Classification
- Principle of Inheritance and Variation
- Molecular Basis of Inheritance
- Morphology of Flowering Plants
- Cell: The Unit of Life
- Plant Kingdom
- Anatomy of Flowering Plants
- Environmental Issues

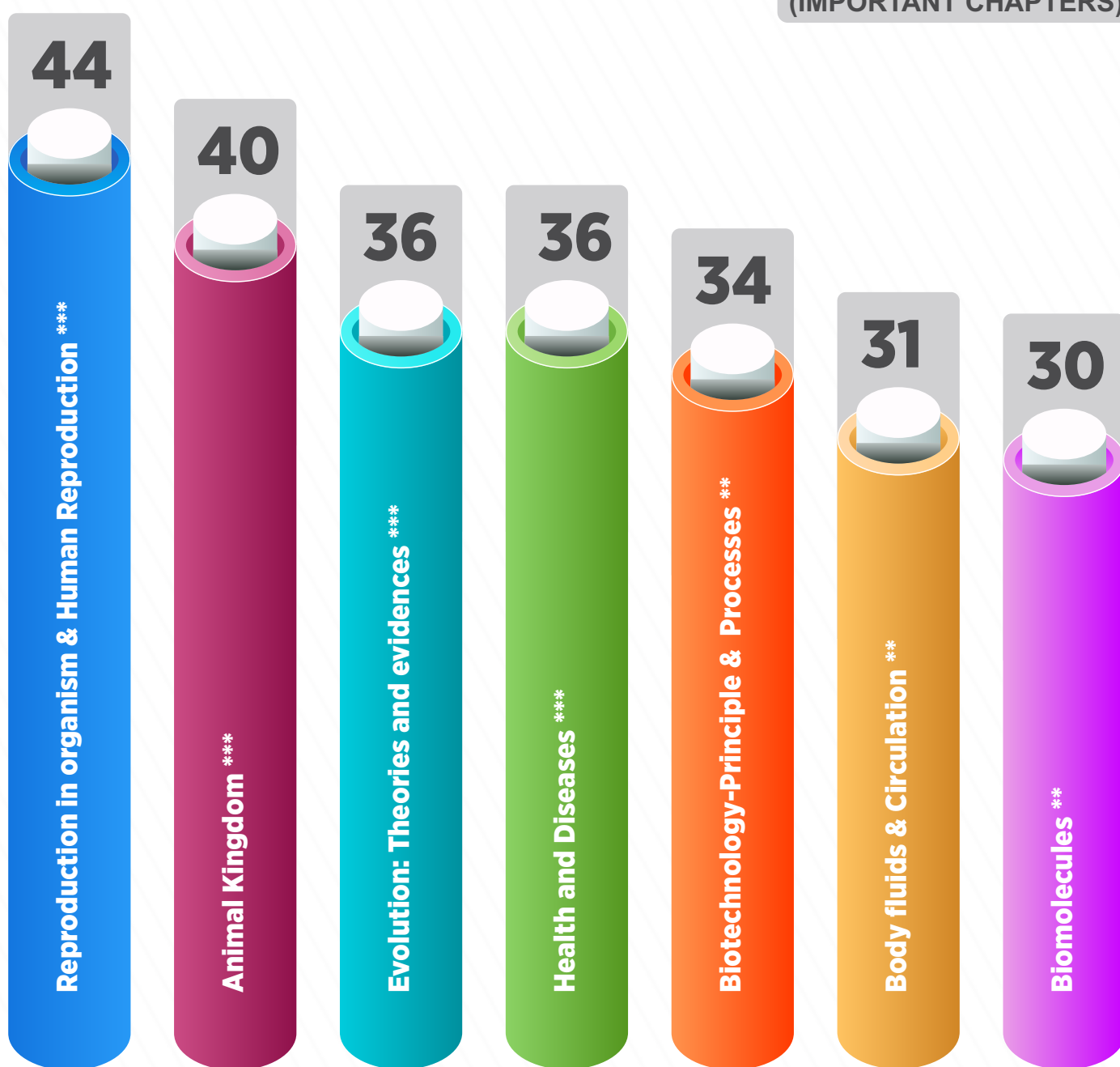
Chapterwise Distribution of Questions Asked in **NEET/AIPMT** (IN LAST 10 YEARS)

PHYSICS (IMPORTANT CHAPTERS)



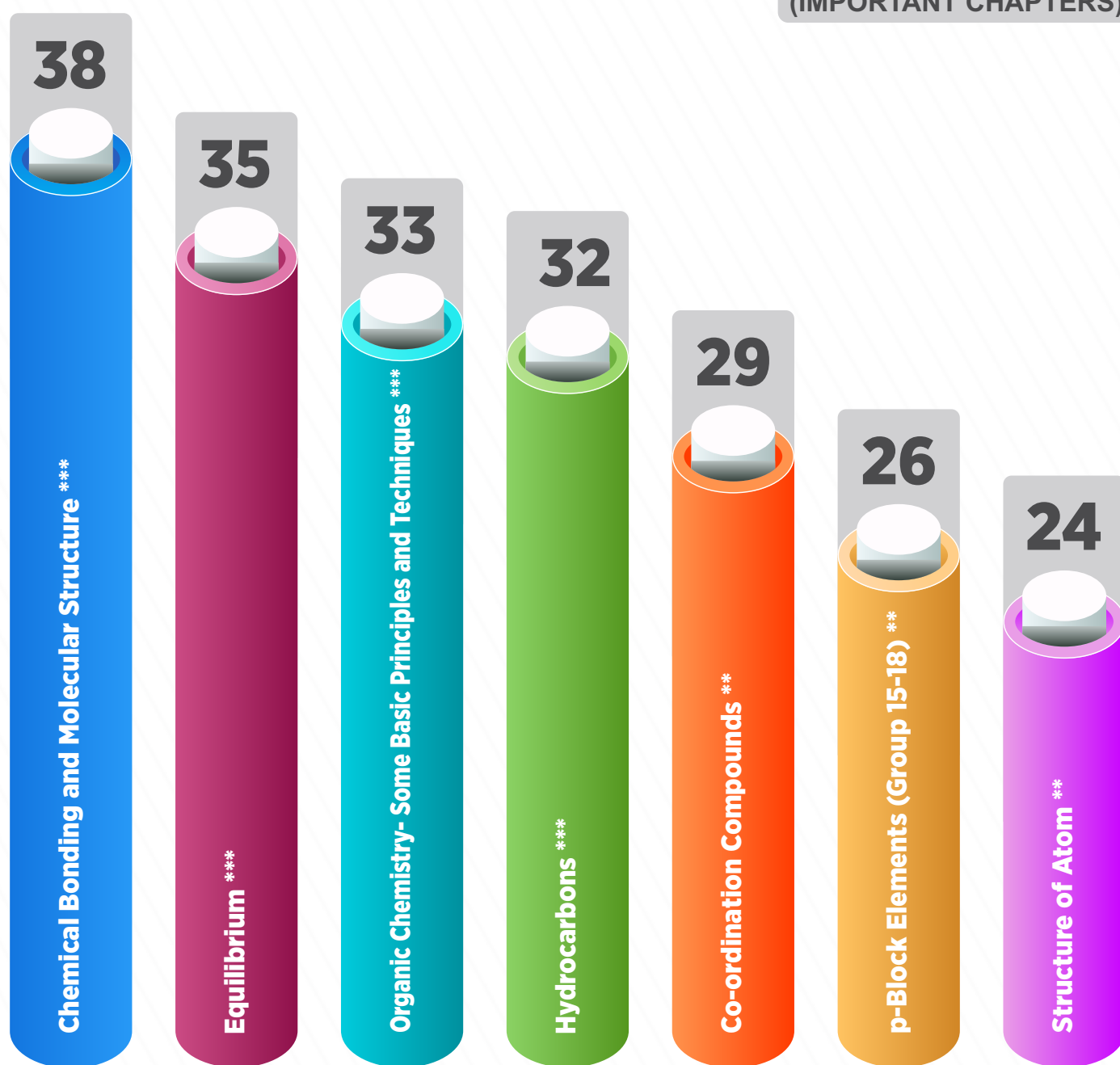
Chapterwise Distribution of Questions Asked in **NEET/AIPMT** (IN LAST 10 YEARS)

ZOOLOGY (IMPORTANT CHAPTERS)



Chapterwise Distribution of Questions Asked in **NEET/AIPMT** (IN LAST 10 YEARS)

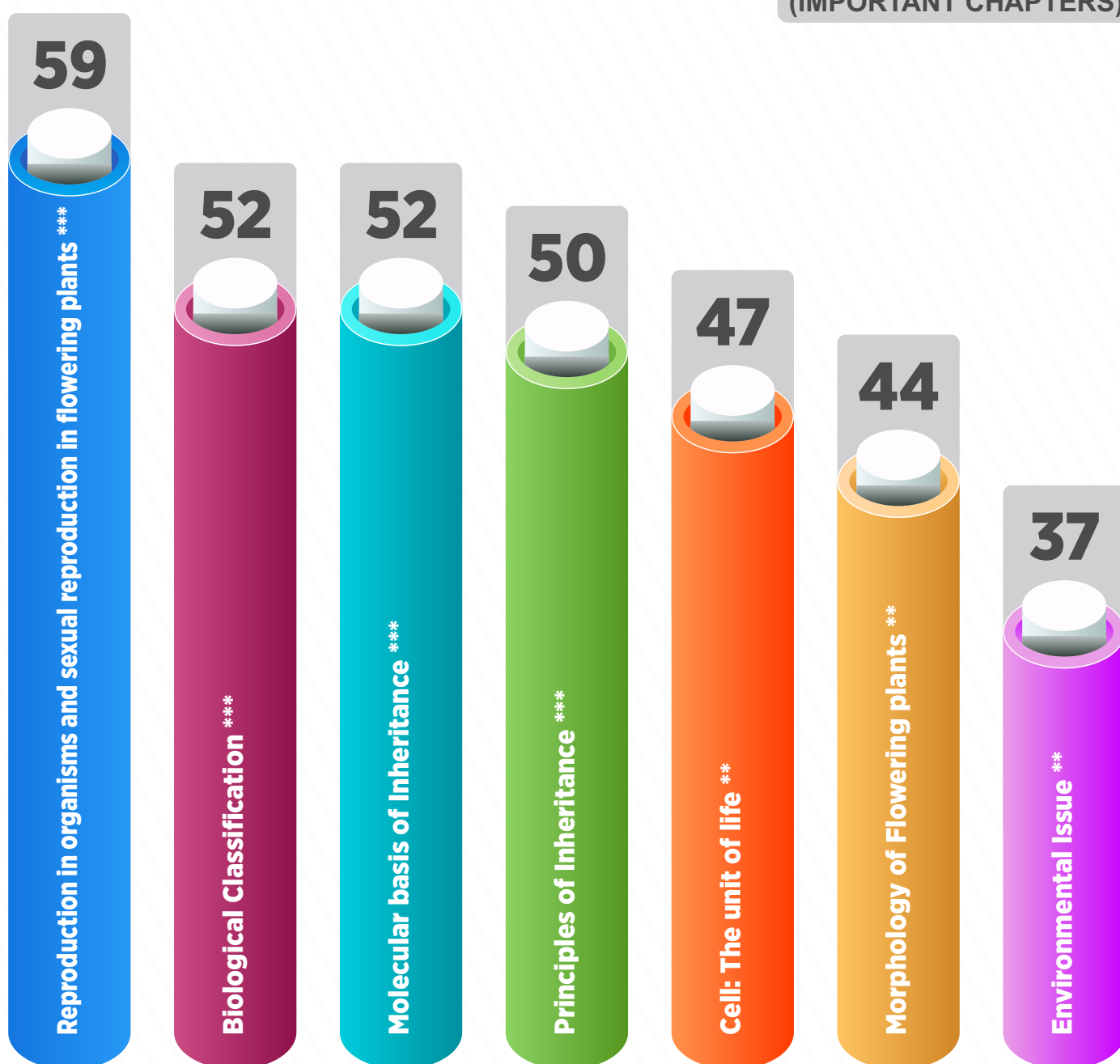
CHEMISTRY (IMPORTANT CHAPTERS)



*Data on the basis of 360 questions

Chapterwise Distribution of Questions Asked in **NEET/AIPMT** (IN LAST 10 YEARS)

BOTANY (IMPORTANT CHAPTERS)



*Data on the basis of 360 questions

NEET-UG 2020

EXAM ANALYSIS

OVERALL EASY

PHYSICS:

- Difficulty level - Easy in comparison to previous years.
- About 30-40% questions directly based on the NCERT textbook.
- Easy calculations.
- Questions asked from the prescribed syllabus only.
- No controversial questions.

CHEMISTRY

- Difficulty level – Easy to Moderate
- Physical Chemistry – 16 Questions
Organic Chemistry – 13 Questions
Inorganic Chemistry – 16 Questions
- All questions based on the NCERT textbook. Statements directly taken from the NCERT textbooks.
- Straightforward questions & easy to comprehend.
- One controversial question with more than one correct answer.
- Not lengthy. Students should have completed the Chemistry part within 45 minutes. Enough time for revision.
- Barely a few calculations.
- An average student should have been able to attempt approximately 40 questions with ease. While others could have attempted 44 questions.

BOTANY

- Difficulty level was high in comparison to previous years
- XI – 25 questions & XII – 18 questions
- 2 controversial questions with more than one correct answer
- Two questions were beyond the NCERT textbooks.
- Majority of questions were conceptual in nature with a few fact-based questions as well
- Not at all lengthy.

ZOOLOGY

- Difficulty level – Moderate with a few exceptions.
- Multi-conceptual questions requiring incisive thinking and precision.
- Some questions were tricky & lost in terminology.
- A couple of terms beyond the NCERT domain.
- Two questions required linguistic prowess.
- Overall, the questions were quite thought provoking requiring alertness of mind and critical approach.
- Comprehension, application & synthesis required to interpret the questions.

DETAILED ANALYSIS

NEET-UG 2020

PHYSICS:

The Physics section was easy in comparison to previous years' papers. About 30-40% of the questions were directly based on the NCERT textbook. Graphs, data as well as some statements were directly picked from the NCERT textbook. Calculations were comparatively easy. All the questions were from the prescribed NEET syllabus with absolutely no controversial questions. Mechanics dominated with 12 questions followed by Electricity with 9 questions and Modern Physics with 8 questions. Overall, we can say, Physics was easy.

	XII	XI	XII	XI	XII	XII	XI	
Difficulty Level	Electricity	Heat & Thermodynamics	Magnetism	Mechanics	Modern Physics	Optics	Waves	Total
Easy	3	3	2	10	6	1	0	25
Medium	6	2	4	1	1	2	0	16
Difficult	0	0	0	1	1	1	1	4
Total	9	5	6	12	8	4	1	45

CHEMISTRY:

The Chemistry section was of easy to moderate difficulty level. Organic Chemistry slightly less dominated the subject with 13 questions. 16 questions were asked from Physical Chemistry and 16 questions were from Inorganic Chemistry. All the questions were from the prescribed NEET syllabus and completely based on the NCERT textbooks. In fact, statements were directly picked from the NCERT textbook. Questions were straightforward and easy to comprehend. There was one controversial question with more than one correct answer. Overall, the Chemistry section was not lengthy and students should have completed this part in 40-45 minutes. With minimalistic calculations, an average student should have been able to attempt approximately 40 questions with ease, while others would have been able to attempt a minimum of 44 questions.

	XI	XII	XI	XII	XI	XII	
Difficulty Level	Organic Chemistry	Organic Chemistry	Inorganic Chemistry	Inorganic Chemistry	Physical Chemistry	Physical Chemistry	Total
Easy	2	3	3	2	1	3	14
Medium	2	5	4	3	3	5	22
Difficult	0	1	3	1	3	1	9
Total	4	9	10	6	7	9	45

DETAILED ANALYSIS

NEET-UG 2020

BOTANY

The Botany part was of high difficulty level in comparison to previous years. While 25 questions were tested from class XI syllabus, 18 questions were from class XII syllabus. There were two controversial questions with more than one correct answer. Although the majority of questions were within the prescribed syllabus and based on the NCERT textbook, two questions were beyond the NCERT. The questions were conceptual in nature and required great conceptual and application-based understanding. There were also a few fact-based questions. Plant Physiology dominated with 9 questions followed by Ecology and Genetics with 7 questions each. Overall, the Botany part was not lengthy and should have been completed in the stipulated time period.

	XII	XI	XI	XII	XII	XI	XII	XI	
Difficulty Level	Biology in Human Welfare	Cell & Cell Cycle	Diversity of Life	Ecology	Genetics	Plant Physiology	Reproduction & Sexual Reproduction	Structural Organisation of Plants	Total
Easy	0	1	1	2	2	3	1	3	13
Medium	1	1	3	2	1	2	1	0	11
Difficult	1	4	1	3	4	4	0	2	19
Total	2	6	5	7	7	9	2	5	43

ZOOLOGY

The Zoology section was of moderate difficulty level with a few exceptions. Some questions were tricky and lost in the terminology. A couple of terms were also beyond the NCERT domain. The questions were multi-conceptual in nature and required incisive thinking and precision on the part of students. While two questions tested linguistic prowess, others required comprehension, application and synthesis to interpret the questions. Human Physiology dominated with 12 questions followed by Animal Husbandry & Biotechnology with 10 questions and Biomolecules with 6 questions. Overall, the questions were quite thought-provoking and required alertness of mind and critical approach.

	XI	XII	XII	XII	XI	XII	XI	XI	
Difficulty Level	Animal Kingdom	Animal Husbandry & Biotechnology	Evolution: Theories & Evidences	Human Health & Disease	Human Physiology	Human Reproduction & Reproductive Health	Biomolecules	Structural Organisation in Animals	Total
Easy	2	3	3	0	1	0	3	1	13
Medium	2	4	0	3	7	2	2	0	20
Difficult	1	3	1	1	4	2	1	1	14
Total	5	10	4	4	12	4	6	2	47

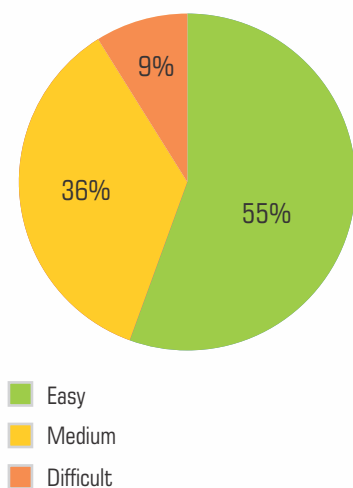
ANALYSIS OF PHYSICS PORTION NEET 2020

	XII	XI	XII	XI	XII	XII	XI	
	Electricity	Heat & Thermodynamics	Magnetism	Mechanics	Modern Physics	Optics	Waves	Total
Easy	3	3	2	10	6	1	0	25
Medium	6	2	4	1	1	2	0	16
Difficult	0	0	0	1	1	1	1	4
Total	9	5	6	12	8	4	1	45

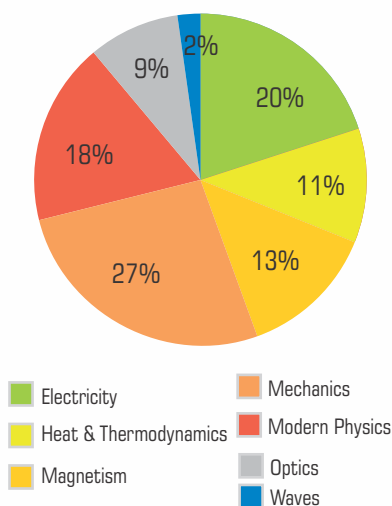
XI Class } 18

XII Class } 27

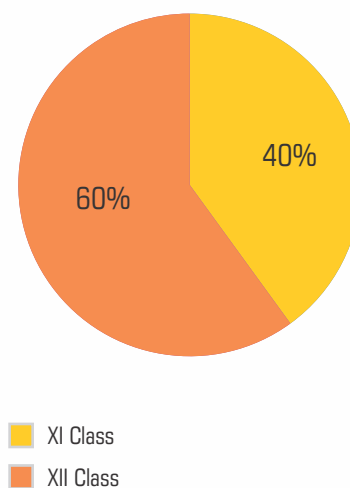
Distribution of Level of Questions in Physics



Topic-Wise Distribution of Questions in Physics



Percentage of Portions asked from Class XI & XII



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ANALYSIS OF

CHEMISTRY PORTION

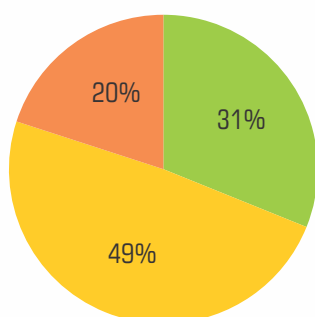
NEET 2020

	XI	XII	XI	XII	XI	XII	
	Organic Chemistry	Organic Chemistry	Inorganic Chemistry	Inorganic Chemistry	Physical Chemistry	Physical Chemistry	Total
Easy	2	3	3	2	1	3	14
Medium	2	5	4	3	3	5	22
Difficult	0	1	3	1	3	1	9
Total	4	9	10	6	7	9	45

XI Class } 21

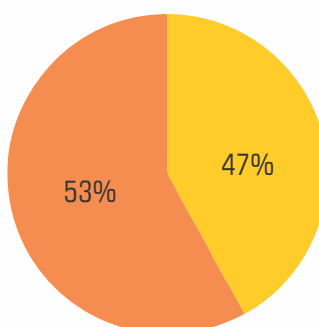
XII Class } 24

Distribution of Level of Questions in Chemistry



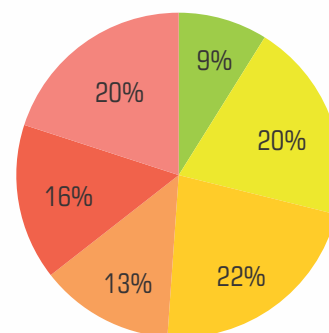
Easy
Medium
Difficult

Percentage of Portions asked from Class XI & XII



XI Class
XII Class

Topic-Wise Distributions of Questions in Chemistry



Organic Chem. (XI) Inorganic Chem. (XII)
Organic Chem. (XII) Physical Chem. (XI)
Inorganic Chem. (XI) Physical Chem. (XII)

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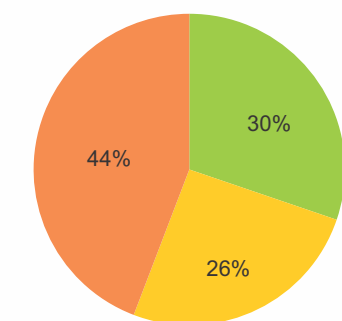
ANALYSIS OF BOTANY PORTION NEET 2020

	XII	XI	XI	XII	XII	XI	XII	XI	
	Biology in Human Welfare	Cell & Cell Cycle	Diversity of Life	Ecology	Genetics	Plant Physiology	Reproduction & Sexual Reproduction	Structural Organization of Plants	Total
Easy	0	1	1	2	2	3	1	3	13
Medium	1	1	3	2	1	2	1	0	11
Difficult	1	4	1	3	4	4	0	2	19
Total	2	6	5	7	7	9	2	5	43

XI Class } 25

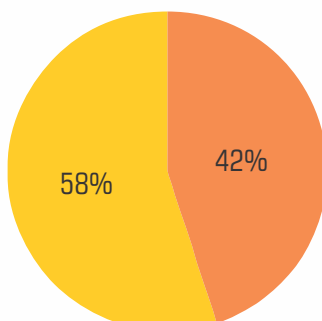
XII Class } 18

Distribution of Level of Questions in Botany



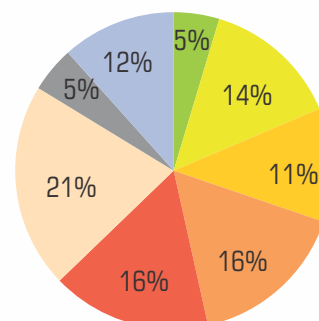
Easy
Medium
Difficult

Percentage of Portions asked from Class XI & XII



XI Class
XII Class

Topic-Wise Distribution of Questions in Botany



Biology in Human Welfare
Cell & Cell Cycle
Diversity of Life
Ecology
Genetics
Plant Physiology
Reproduction & Sexual Reproduction
Structural Organization of Plants

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ANALYSIS OF

ZOOLOGY PORTION

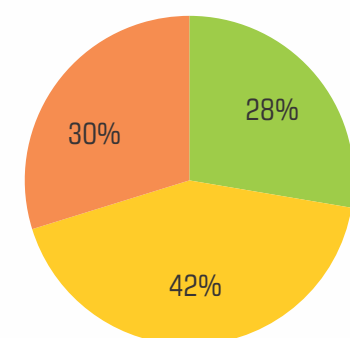
NEET 2020

	XI	XII	XII	XII	XI	XII	XI	XI	
	Animal Kingdom	Animal Husbandry & Biotechnology	Evolution: Theories & Evidences	Human Health & Disease	Human Physiology	Human Reproduction & Reproductive Health	Biomolecules	Structural Organisation in Animals	Total
Easy	2	3	3	0	1	0	3	1	13
Medium	2	4	0	3	7	2	2	0	20
Difficult	1	3	1	1	4	2	1	1	14
Total	5	10	4	4	12	4	6	2	47

XI Class } 25

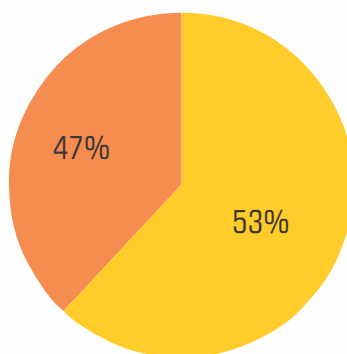
XII Class } 22

Distributions of Level of Questions in Zoology



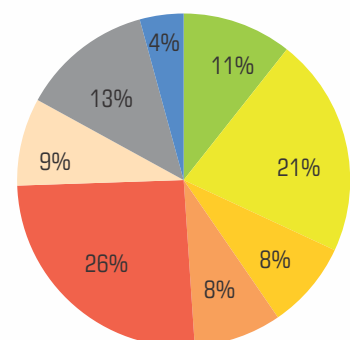
Easy
Medium
Difficult

Percentage of Portions asked from Class XI & XII



XI Class
XII Class

Topic-Wise Distributions of Questions in Zoology



Animal Kingdom
Animal Husbandry & Biotechnology
Evolution: Theories & Evidences
Human Health & Disease
Human Physiology
Human Reproduction & Reproductive Health
Biomolecules
Structural Organisation in Animals