

2025



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Medical | IIT-JEE | Foundations



NEET

Secrets

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All India Counselling Guidance Session

Hindi | English
Tips on career
options in Medical



State-wise Medical Counselling Videos

- Counselling Process
- Cut off Analysis
- Scholarships
- Seat Matrix
- Documents
- Service Bond



Contents

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What is NEET-UG?

The National Eligibility cum Entrance Test (NEET-UG) formerly the All India Pre-Medical Test (AIPMT), is an All India Pre-Medical Entrance Exam for students who wish to pursue undergraduate Medical (MBBS), Dental (BDS), B.Sc Nursing and AYUSH (BAMS, BUMS, BHMS, etc.) courses in government and private institutions in India.



State-Wise MBBS Seat Matrix in India

Total Medical Colleges in India **705**

Total Number of MBBS Seats **109288**

Govt. Colleges (Except AIIMS & JIPMER) **369** **54211** Seats

AIIMS **20** **2169** Seats

JIPMER **02** **243** Seats

Private Colleges & Deemed Universities **314** **52665** Seats



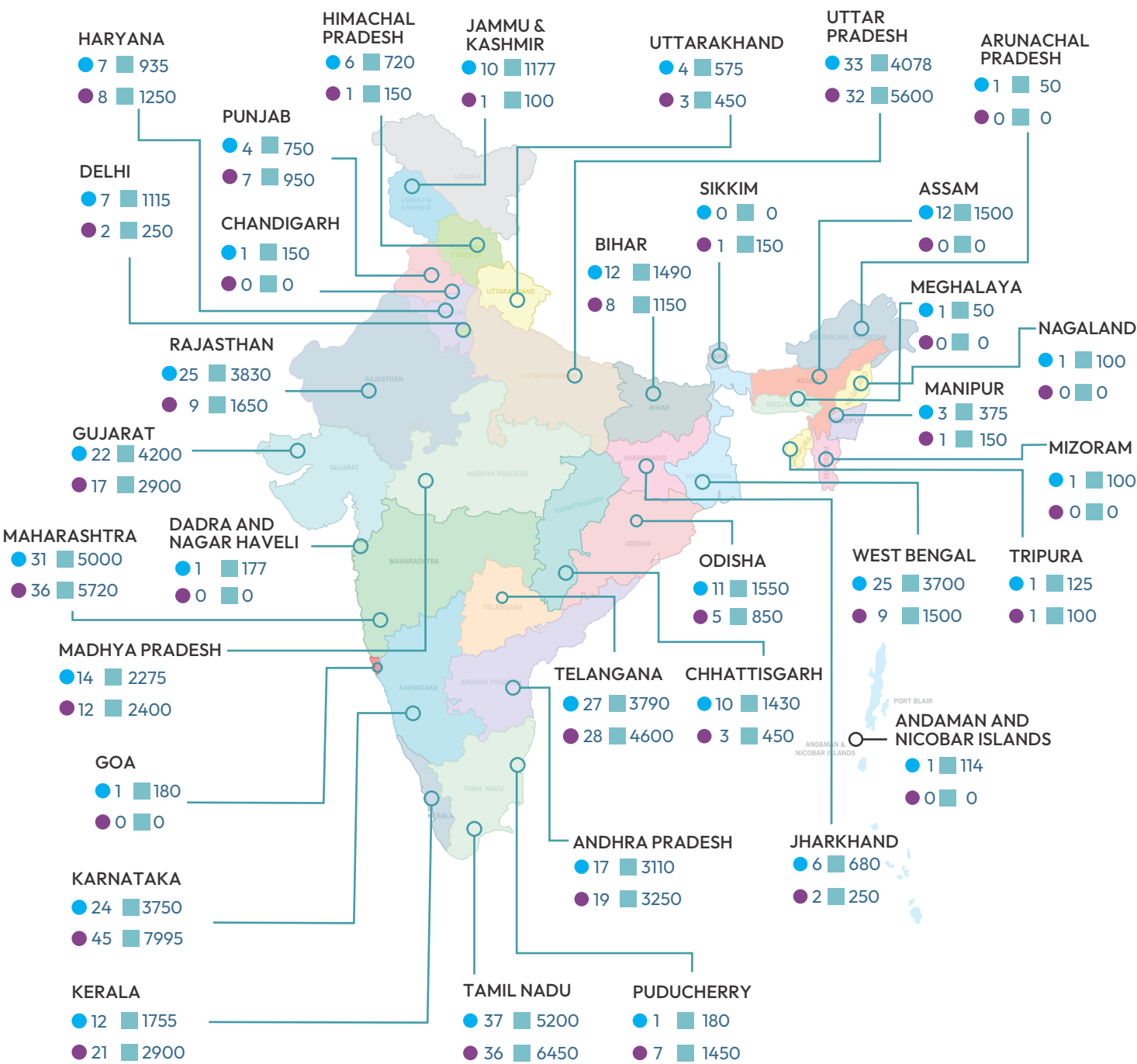
Govt. Colleges (Except AIIMS & JIPMER)



Private Colleges & Deemed Universities



Seats



The pictorial representation does not purport to be the exact political map of India. Map not to scale; for representational purposes only.

Source: NMC, MCC & respective state's website. (as on 01.02.2024)

State-Wise BDS Seat Matrix in India

Total Dental
Colleges in India **317**

Total Number
of BDS Seats **27963**

Government
Colleges **52** | **3708**
Seats

Private Colleges &
Deemed Universities **265** | **24255**
Seats



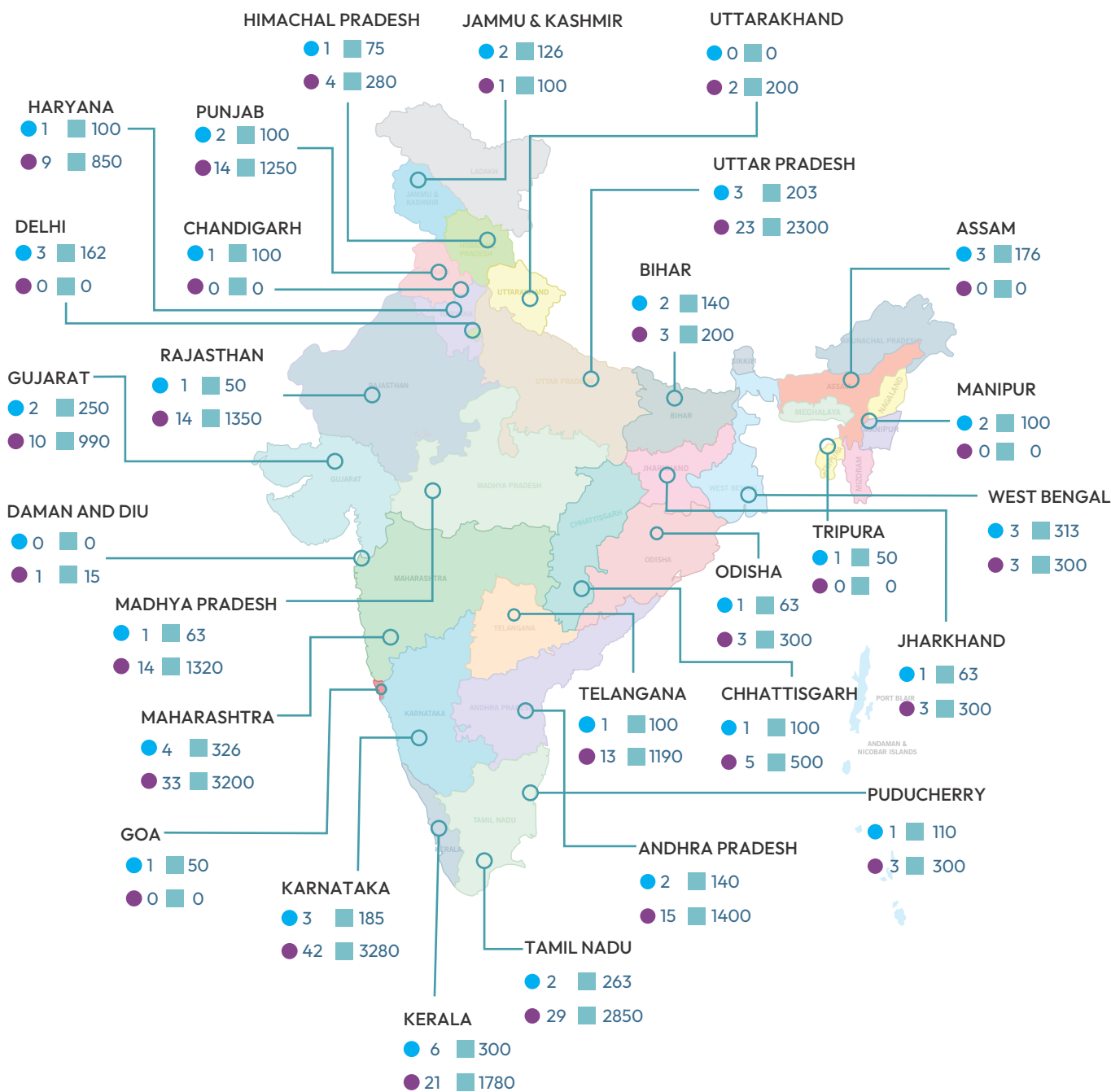
Government Colleges



Private Colleges &
Deemed Universities



Seats



The pictorial representation does not purport to be the exact political map of India.
Map not to scale; for representational purposes only.

Source: NMC, MCC & respective state's website. (as on 01.02.2024)

NEET 2024

Marks v/s Rank

(According to the result announced on June 4th)



S.No.	AIR Range	Total Marks Range
1	1-100	720-715
2	101-200	715-715
3	201-500	715-710
4	501-1000	710-705
5	1001-1500	705-701
6	1501-2000	701-700
7	2001-2500	700-696
8	2501-3000	696-695
9	3001-3500	695-695
10	3501-4000	695-691
11	4001-4500	691-690
12	4501-5000	690-690
13	5001-5500	690-687
14	5501-6000	687-686
15	6001-6500	686-685
16	6501-7000	685-685
17	7001-7500	685-683
18	7501-8000	683-681
19	8001-8500	681-680
20	8501-9000	680-680
21	9001-9500	680-680
22	9501-10000	680-677
23	10001-20000	677-662
24	20001-35000	662-633
25	35001-50000	644-628
26	50001-75000	628-605
27	75001-90000	605-592
28	90001-120000	592-567

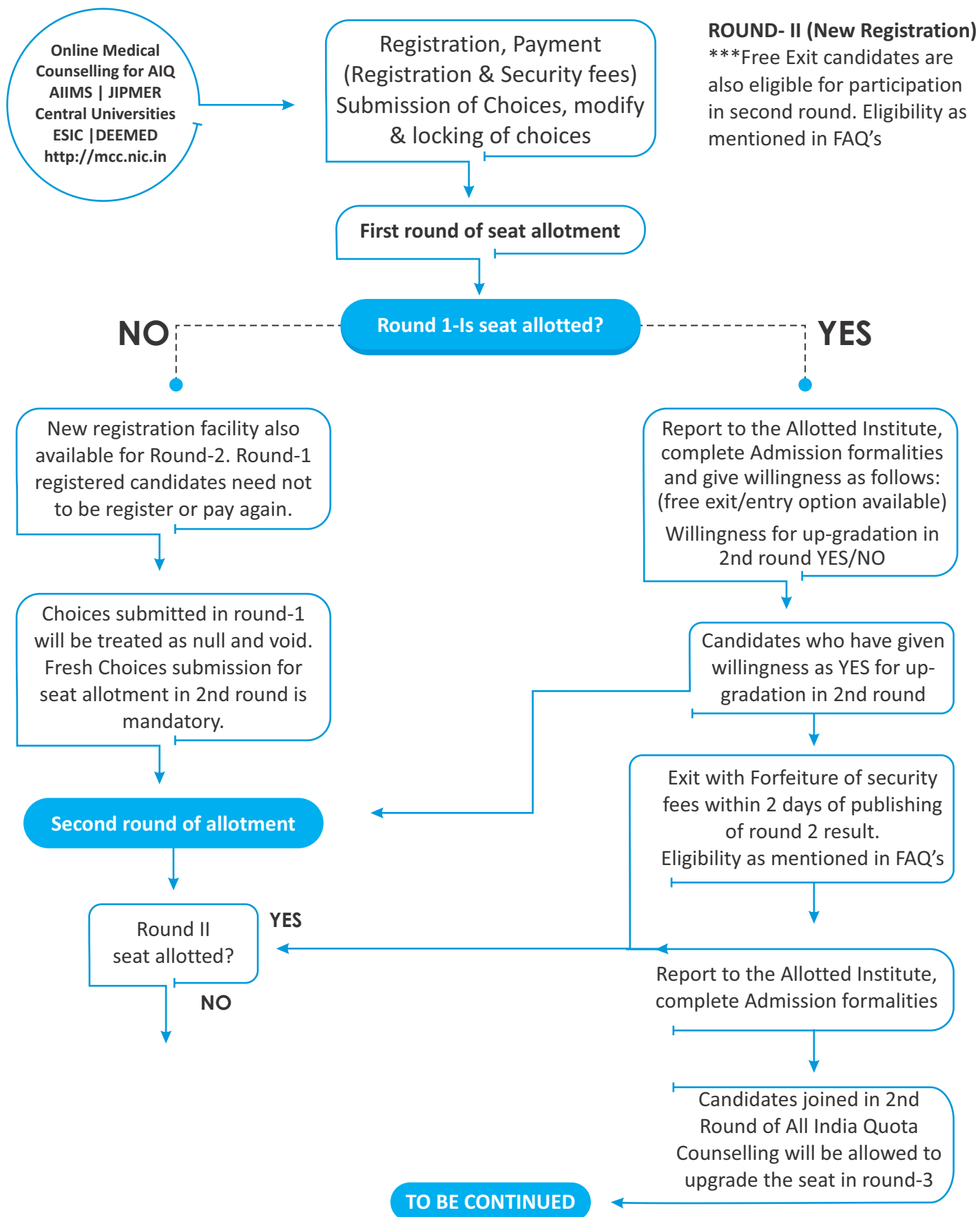
NEET Predictor



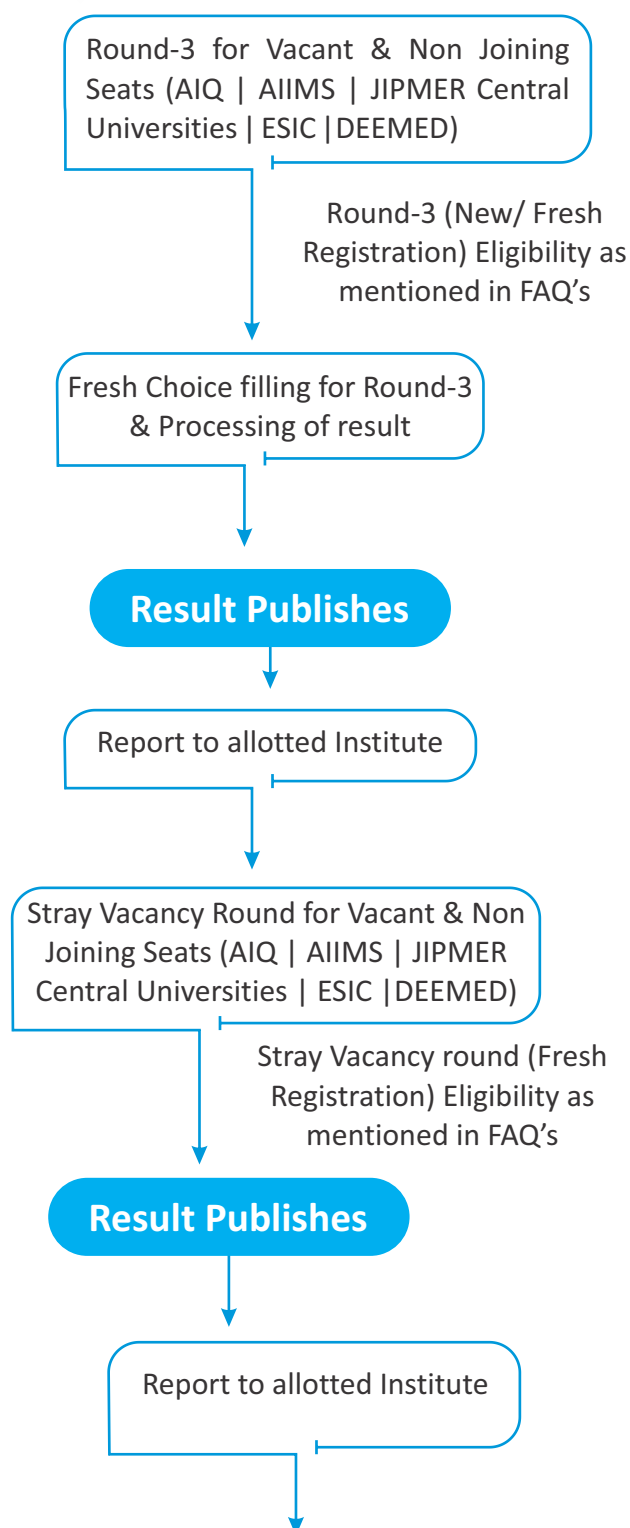
Disclaimer: The data are subject to change. The data given is based on the result declared by NTA on 4th June 2024. For the latest update please refer to the NEET-UG official website.

MCC Counselling Flow Chart (MBBS/BDS/B.Sc Nursing)

Process of Counselling (Flow Chart as per 2024 Counselling)



AIQ Counselling Flow Chart



** Candidates joined in 2nd round of counselling will be allowed to upgrade the seat in 3rd Round.

** Eligibility for exit with forfeiture of tuition fees within two days after publishing of round-2 result:-

- All the candidates upgraded from round-1, allotted the seat in round-2 but did not report at the college.
- Candidates freshly registered in round-2, allotted the seat in round-2 and did not report at the college.

*Note:- Candidates allotted the seat in round-3 and report at the college are not eligible to resign/surrender their seat.

Candidates allotted the seat in Round-3 of counselling conducted by MCC/DGHS are not eligible to participate in Stray vacancy round of the counselling to be conducted by respective universities.

If the candidate does not join the allotted seat, he/she shall be debarred from NEET examination for 01 year along with forfeiture of fees.

Please also see Counselling Schedule, Notice and News/Events section to note change in scheme, from time to time regularly.

AIIMS-MBBS Cut-off (Stray Vacancy Round)

Counselling Website - www.mcc.nic.in

Year	Category	NEET AIR (Marks)
2023	General	16183 (625)
	EWS	8472 (645)
	OBC	18184 (620)
	SC	45486 (575)
	ST	159677 (453)
Year	Category	NEET AIR (Marks)
2022	General	11782 (623)
	EWS	12350 (621)
	OBC	16346 (610)
	SC	104920 (474)
	ST	120467 (456)
Year	Category	NEET AIR (Marks)
2021	General	11261 (620)
	EWS	12350 (617)
	OBC	15436 (608)
	SC	88195 (496)
	ST	107630 (475)
Year	Category	NEET AIR (Marks)
2020	General	15581 (610)
	EWS	16140 (608)
	OBC	16124 (608)
	SC	82459 (505)
	ST	100258 (483)

Note: For the data of 2024, please visit: mcc.mic.in

JIPMER Cut-off (Open Seat Quota)

Counselling Website - www.mcc.nic.in

Year	Category	NEET AIR (Marks)
2023	General	17588 (621)
	EWS	17804 (621)
	OBC	20160 (616)
	SC	102086 (507)
	ST	75587 (536)
Year	Category	NEET AIR (Marks)
2022	General	11627 (623)
	EWS	14871 (615)
	OBC	12727 (620)
	SC	80764 (504)
	ST	111680 (466)
Year	Category	NEET AIR (Marks)
2021	General	10339 (623)
	EWS	8667 (629)
	OBC	13208 (614)
	SC	76561 (509)
	ST	81435 (504)

Note: For the data of 2024, please visit: mcc.mic.in

AIQ (15% Seats of Govt. Medical & Dental Colleges) Cut-off

Counselling Website - www.mcc.nic.in

Year	Category	MBBS – AIR (Marks)	BDS – AIR (Marks)
2023	General	23562 (610)	54532 (562)
	EWS	25005 (607)	62208 (552)
	OBC	23575 (610)	61575 (553)
	SC	128978 (480)	180522 (436)
	ST	168853 (445)	251744 (387)
Year	Category	MBBS – AIR (Marks)	BDS – AIR (Marks)
2022	General	22706 (596)	50780 (547)
	EWS	23501 (595)	52194 (545)
	OBC	22721 (596)	52119 (545)
	SC	122444 (454)	169159 (408)
	ST	153436 (423)	249669 (345)
Year	Category	MBBS – AIR (Marks)	BDS – AIR (Marks)
2021	General	21227 (595)	41356 (558)
	EWS	21238 (595)	42765 (556)
	OBC	21188 (595)	42543 (556)
	SC	109310 (473)	148711 (436)
	ST	130823 (452)	188809 (403)
Year	Category	MBBS – AIR (Marks)	BDS – AIR (Marks)
2020	General	15564 (610)	25993 (588)
	EWS	16140 (608)	24154 (591)
	OBC	16124 (608)	22791 (594)
	SC	82623 (505)	111793 (471)
	ST	100258 (484)	131971 (450)
Year	Category	MBBS – AIR (Marks)	BDS – AIR (Marks)
2019	General	12618 (582)	19740 (560)
	EWS	11346 (586)	NA
	OBC	12179 (583)	18487 (564)
	SC	73803 (463)	96169 (435)
	ST	87649 (445)	109168 (420)
Year	Category	MBBS – AIR (Marks)	BDS – AIR (Marks)
2018	General	10449 (537)	17093 (513)
	OBC	10410 (537)	15684 (517)
	SC	64642 (417)	79166 (398)
	ST	77792 (400)	99791 (373)
Year	Category	MBBS – AIR (Marks)	BDS – AIR (Marks)
2017	General	8317 (563)	12419 (544)
	OBC	8347 (562)	12566 (543)
	SC	52996 (442)	62747 (425)
	ST	76167 (405)	85906 (391)

Note: For the data of 2024, please visit: mcc.nic.in

Must Do Topics to Score Higher in **NEET-UG**



> Physics

- Current Electricity
- Semiconductor
- Ray Optics and Optical Instruments
- Electrostatic Potential and Capacitance
- Units and Measurements
- Moving Charges and Magnetism
- Alternating Current
- System of Particles & Rotational Motion
- Dual Nature of Radiation and Matter
- Electromagnetic Waves
- Work Energy and Power
- Gravitation
- Laws of Motion
- Mechanical Properties of Fluids
- Oscillations

> Chemistry

- Chemical Bonding and Molecular Structure
- Hydrocarbons
- Equilibrium
- Organic Chemistry : Some Basic Principles and Techniques
- Aldehydes, Ketones and Carboxylic Acids
- Coordination Compounds
- The p-Block Elements (Group 15-18)
- Electrochemistry
- Structure of Atom

> Botany

- Molecular Basis of Inheritance
- Sexual Reproduction in Flowering Plants
- Principles of Inheritance and Variation
- Cell : The Unit of Life
- Biodiversity and Conservation
- Morphology of Flowering Plants
- Plant Kingdom
- Anatomy of Flowering Plants
- Ecosystem
- Cell Cycle and Cell Division

> Zoology

- Biotechnology - Principles and Processes
- Human Reproduction
- Animal Kingdom
- Evolution
- Biomolecules
- Human Health and Disease
- Body Fluids and Circulation
- Breathing and Exchange of Gases
- Reproductive Health
- Biotechnology and its applications

PHYSICS

Important Chapter-wise
Distribution of Questions
Asked in **NEET / AIPMT**
(In Last 14 Years)



Chapters	% Distribution of Questions
Current Electricity	7.02%
Semiconductor	6.28%
Ray Optics and Optical Instruments	5.64%
System of Particles & Rotational Motion	5.32%
Dual Nature of Radiation and Matter	4.57%
Electrostatic Potential and Capacitance	4.36%
Moving Charges and Magnetism	4.36%
Work Energy and Power	4.26%
Gravitation	4.04%
Laws of Motion	3.83%
Thermodynamics	3.83%
Alternating Current	3.72%
Nuclei	3.40%
Units and Measurements	3.40%

CHEMISTRY

Important Chapter-wise
Distribution of Questions
Asked in **NEET / AIPMT**
(In Last 14 Years)



Chapters	% Distribution of Questions
Chemical Bonding and Molecular Structure	7.73%
Hydrocarbons	6.93%
Equilibrium	6.67%
Organic Chemistry : Some Basic Principles and Techniques	6.40%
Aldehydes, Ketones and Carboxylic Acids	6.00%
Coordination Compounds	5.73%
The p-Block Elements (Group 15-18)	5.60%
Electrochemistry	5.20%
Structure of Atom	5.07%
The d and f-Block Elements	4.80%
Chemical Kinetics	4.67%
Thermodynamics	4.40%

BOTANY

Important Chapter-wise
Distribution of Questions
Asked in **NEET / AIPMT**
(In Last 14 Years)



Chapters	% Distribution of Questions
Molecular Basis of Inheritance	10.86%
Principles of Inheritance and Variation	9.28%
Sexual Reproduction in Flowering Plants	8.76%
Morphology of Flowering Plants	7.49%
Cell : The Unit of Life	7.28%
Cell Cycle and Cell Division	6.54%
Biological Classification	6.33%
Anatomy of Flowering Plants	6.01%
Plant Kingdom	5.80%
Biodiversity and Conservation	5.27%
Ecosystem	5.27%

ZOOLOGY

Important Chapter-wise
Distribution of Questions
Asked in **NEET / AIPMT**
(In Last 14 Years)



Chapters	% Distribution of Questions
Biotechnology - Principles and Processes	10.39%
Human Reproduction	9.19%
Animal Kingdom	8.92%
Biomolecules	8.79%
Human Health and Disease	7.59%
Evolution	7.46%
Structural Organisation In Animals	7.19%
Body Fluids and Circulation	6.26%
Reproductive Health	5.73%
Biotechnology and its applications	5.46%

NEET-UG 2024

Subject-Wise Question Paper Analysis by Aakash Institute

On 5th May, almost more than 24 lakh candidates appeared in the NEET-UG (2024) - a test through which admissions to the major medical courses like MBBS and BDS in AIIMS, JIPMER, and other medical colleges in India will be sought. Let's take a look at the subject-wise question paper analysis prepared by the experts at the Aakash Institute.

Quick overview of the question paper:

NEET-UG (2024) was conducted in pen-and-paper mode. The question paper, which was majorly NCERT-based, comprised 4 subjects: Physics, Chemistry, Botany and Zoology. The total marks stood at 720, whereas the duration of the test was 200 minutes. Each subject consisted of two sections: Section A, with 35 questions, and Section B, with 15 questions. Out of the 15 questions in Section B, you had to attempt any 10. However, it's vital to remember that correct options marked will earn you 4 marks, while each incorrect answer will deduct 1 mark. Unattempted questions will neither gain nor cost you any marks.

Overall difficulty level: Moderate

Analysis of Physics questions

- Difficulty level - Difficult and lengthy (in comparison with the previous-year question paper)
- 70-75% of the questions were numerical, whereas 25-30% were theory-based.
- Some questions were time-taking because of the long mathematical calculations needed to answer them.
- The multi-statement-based questions were tricky and time-consuming.
- The questions related to Wheatstone Bridge were a little bit difficult and required out-of-the-box thinking capability.
- One question was beyond the scope of the syllabus recommended by NTA for the NEET-UG (2024).

Analysis of Chemistry questions

- Difficulty level - Easy to moderate
- Most of the questions were within the scope of the NCERT. Some questions copied the exact language of the NCERT.
- Theory-based questions dominated the paper and only 11 questions were numerical.
- 14 questions were from Organic Chemistry, 18 were from Inorganic Chemistry and the same number of questions were from Physical Chemistry. Section A and B shared almost equal share of questions from those three fields.

Analysis of Botany questions

- Difficulty level - Easy to moderate
- A few questions were tricky.
- All the questions were from the NCERT textbooks except two which had options beyond the scope of NCERT. Some questions straightforwardly copied the language of the NCERT.
- An equal number of questions were drawn from the syllabi of Class XI and XII.
- A majority of the questions were fact-based and a few were concept-based.
- The match-the-column-type questions dominated the Botany section. They were closely followed by multi-statement-based and statement-A/B-based questions. A few questions tested the knowledge of diagrams given in the NCERT books.
- Most of the questions were asked from the unit - Genetics.

Analysis of Zoology questions

- Difficulty level - Moderate but lengthy
- The syllabus of Class XII dominated the paper. 5 questions were asked from each of the chapters: Human Reproduction, Human Health and Disease, and Biotechnology.
- Most of the questions (17 questions) were of match-the-column type. There were 8 multiple-statement-based and 5 two-statement-based questions. 2 questions belonged to the assertion-reason category and both of them were from Human Reproduction.
- Certain options in a few questions required knowledge beyond the NCERT.

In conclusion, the NEET-UG (2024) subject-wise question paper analysis conducted by Aakash Institute offers valuable insights into the nature of the exam. The analysis underscores the importance of a comprehensive preparation strategy that encompasses not only NCERT textbooks but also extends beyond them. This analysis will definitely help the future NEET aspirants in their preparation.

Analysis of **Physics** Portion of **NEET 2024** (Section A & B)

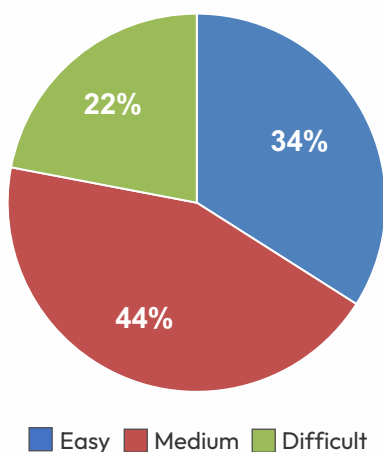
Physics was of easy to moderate level. It had 17 easy, 22 medium and 11 difficult questions. The following table and pie chart show the question count arranged accordingly as per the class, chapter name / topic and the level of difficulty.

	XII	XI	XII	XI	XII	XII	
Difficulty Level	Electricity	Heat & Thermodynamics	Magnetism	Mechanics	Modern Physics	Optics	Total
Easy	3	1	4	6	2	1	17
Medium	4	1	1	10	5	1	22
Difficult	3	0	3	2	2	1	11
Total	10	2	8	18	9	3	50

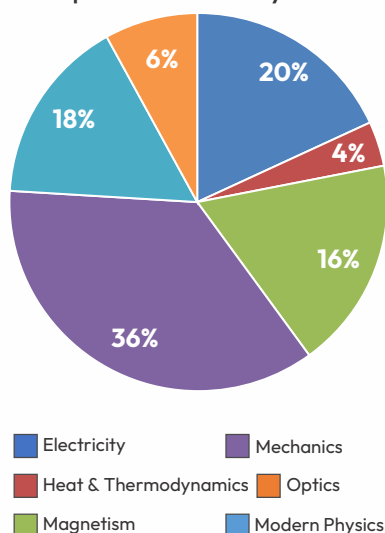
XI Class > 20

XII Class > 30

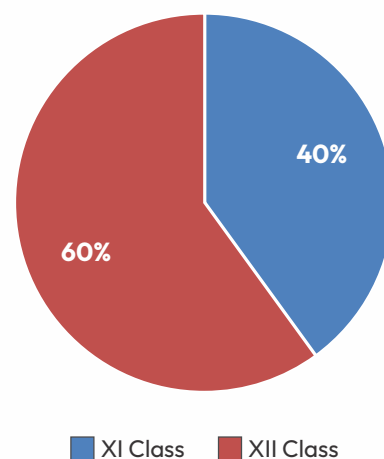
Distributions of Level of Questions in Physics



Topic-wise distribution of questions in Physics



Percentage of Portions asked from Class XI & XII



Analysis of **Chemistry** Portion of **NEET 2024** (Section A & B)

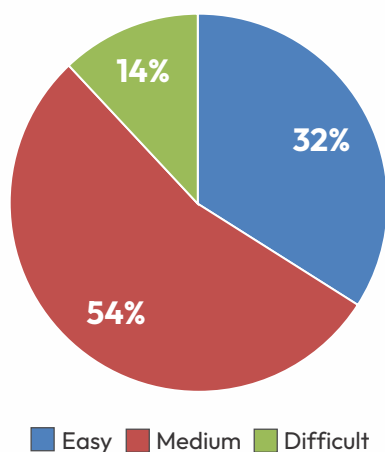
Chemistry had easy to moderate level of questions. It had 16 easy, 27 medium & 7 difficult questions. The following table and pie chart show the question count arranged accordingly as per the class, chapter name / topic and the level of difficulty.

	XI	XII	XI	XII	XI	XII	
Difficulty Level	Organic Chemistry	Organic Chemistry	Inorganic Chemistry	Inorganic Chemistry	Physical Chemistry	Physical Chemistry	Total
Easy	1	2	3	4	3	3	16
Medium	4	5	3	6	4	5	27
Difficult	0	2	1	1	2	1	7
Total	5	9	7	11	9	9	50

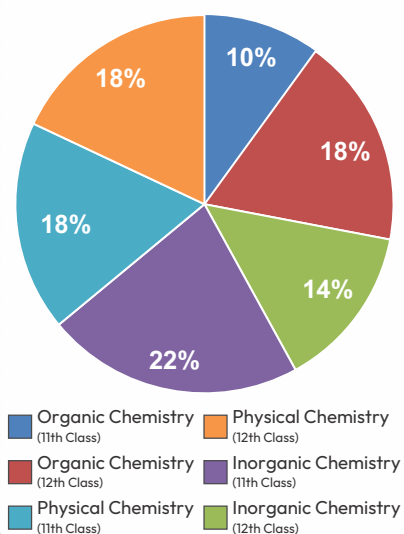
XI Class > 21

XII Class > 29

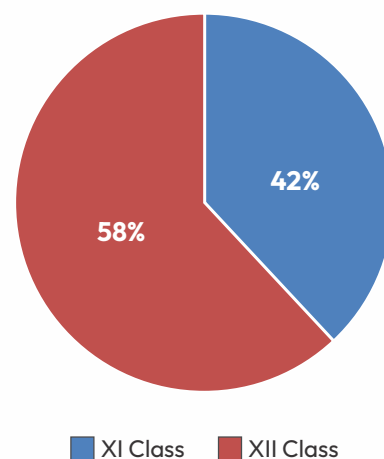
Distributions of Level of Questions in Chemistry



Topic-wise distribution of questions in Chemistry



Percentage of Portions asked from Class XI & XII



Analysis of **Botany** Portion of **NEET 2024** (Section A & B)

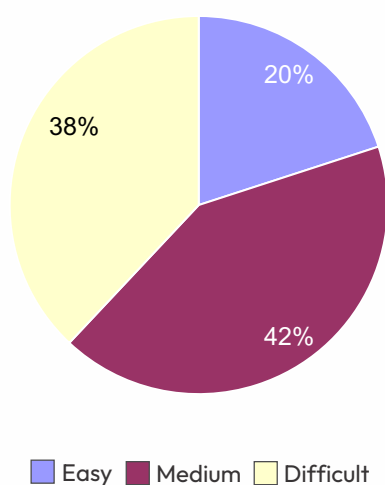
Botany had easy to moderate level of questions. It had 10 easy, 21 medium & 19 difficult questions. The following table and pie chart show the question count arranged accordingly as per the class, chapter name / topic and the level of difficulty.

	XII	XI	XI	XII	XII	XI	XII	XI	
Difficulty Level	Biology in Human Welfare	Cell Structure and function	Diversity of Life	Ecology	Genetics	Plant Physiology	Reproduction & Sexual Reproduction	Structural Organisation of Plants	Total
Easy	0	2	1	3	1	2	0	1	10
Medium	0	4	1	1	4	4	2	5	21
Difficult	1	2	1	4	7	2	1	1	19
Total	1	8	3	8	12	8	3	7	50

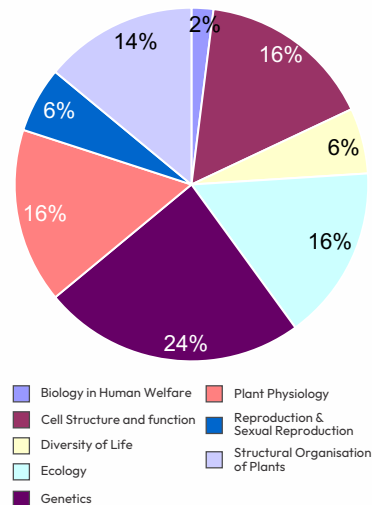
XI Class > 26

XII Class > 24

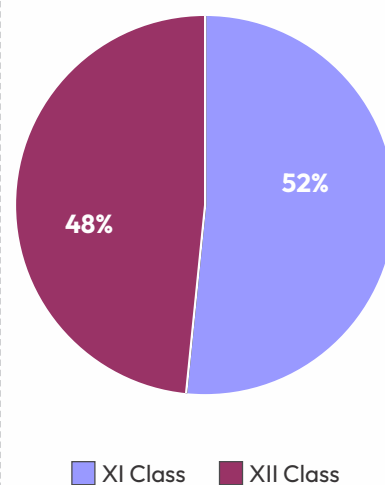
Distributions of Level of Questions in Botany



Topic-wise distribution of questions in Botany



Percentage of Portions asked from Class XI & XII



Analysis of **Zoology** Portion of **NEET 2024** (Section A & B)

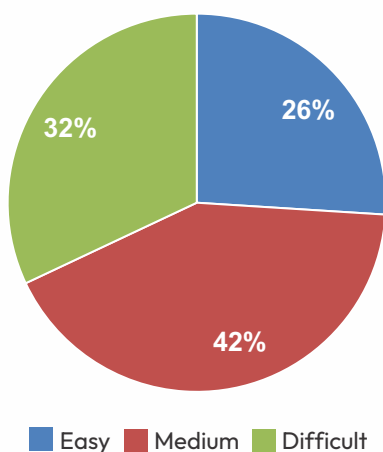
Zoology had moderate to difficult level of questions. It had 13 easy, 21 medium & 16 difficult questions. The following table and pie chart show the question count arranged accordingly as per the class, chapter name / topic and the level of difficulty.

	XI	XII	XII	XII	XI	XII	XI	XI	
Difficulty Level	Animal Kingdom	Biotechnology	Evolution	Human Health & Disease	Human Physiology	Human Reproduction & Reproductive Health	Biomolecules	Structural Organisation in Animals	Total
Easy	0	4	2	0	1	2	3	1	13
Medium	2	2	2	3	5	3	2	2	21
Difficult	2	3	0	2	5	2	1	1	16
Total	4	9	4	5	11	7	6	4	50

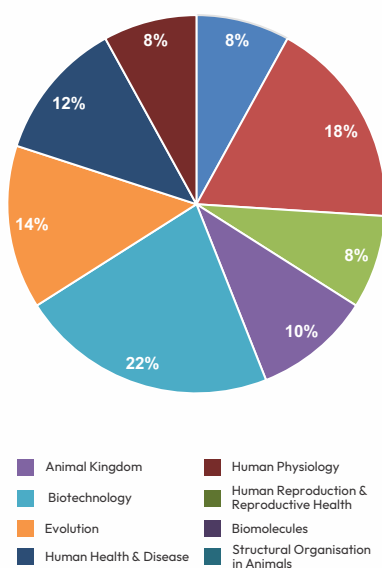
XI Class > 25

XII Class > 25

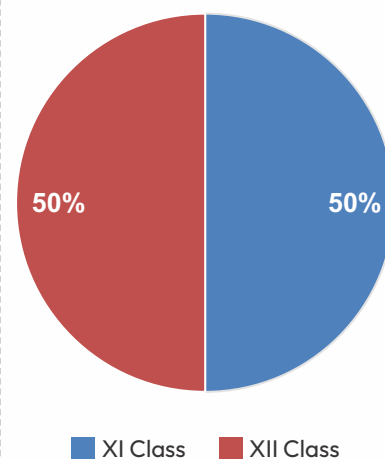
Distributions of Level of Questions in Zoology



Topic-wise distribution of questions in Zoology



Percentage of Portions asked from Class XI & XII



Important Websites

NEET	https://neet.nta.nic.in/
AIQ	https://mcc.nic.in
AIIMS	https://www.aiimsexams.ac.in/
JIPMER	https://jipmer.edu.in/
AFMC	https://afmc.nic.in/
IPU	https://ipu.admissions.nic.in/



State-Wise Counselling Websites

Assam	https://dme.assam.gov.in/
Arunachal Pradesh	http://drntruhs.in/
Bihar	https://bceceboard.bihar.gov.in/
Chandigarh	http://gmch.gov.in/admissions
Andhra Pradesh	http://drntruhs.in/
Delhi	http://www.ipu.ac.in/ ; https://mcc.nic.in/
Goa	http://dte.goa.gov.in/
Gujarat	https://www.medadmgujarat.org/
Haryana	http://www.pgimsrohtak.ac.in/
Chhattisgarh	https://www.cgdme.in/
Jammu & Kashmir	https://jkbopee.gov.in/
Jharkhand	https://jceceb.jharkhand.gov.in/
Karnataka	https://cetonline.karnataka.gov.in/kea/ugneet
Kerala	https://cee.kerala.gov.in/
Himachal Pradesh	https://amruhp.ac.in/
Maharashtra	https://cetcell.mahacet.org/
Odisha	https://ojee.nic.in/
Punjab	https://bfuhs.ac.in/
Puducherry	https://www.centacpuducherry.in/
Madhya Pradesh	https://dme.mponline.gov.in/
Tamil Nadu	https://tnmedicalselection.net/
Kerala	https://cee.kerala.gov.in/
Tripura	https://dme.tripura.gov.in/
Telangana	https://knruhs.telangana.gov.in/
Rajasthan	http://rajneetug2022.com
Uttar Pradesh	https://upneet.gov.in/
Uttarakhand	http://hnbmuexams.com/UKNEETUG21/Default.aspx
West Bengal	https://wbmcc.nic.in/

Why Repeater Course?

Nothing great ever comes easy and when it is a question about achieving your dream of becoming a doctor, all you need is a year of consistent hard work and determined efforts. Our specially designed course prepares and trains you so well that success can be achieved. So, make the right choice by opting for our 'Repeater / Dropper Course' and realize your dreams.

COURSE OFFERING INCLUDES



COMPREHENSIVE STUDY MATERIAL

Subjects	No. of Books	No. of Chapters	No. of Questions	Features
Physics	5	30	5586	Scientifically designed material that helps students prepare at a comfortable pace without undue stress
Chemistry	4	21	4359	
Botany	4	17	4025	
Zoology	4	17	3722	
Total	17	85	17692	



NEW Phygital study material

• Study package with embedded QR code offering better understanding of Questions & Concepts.

Benefits

- Embedded QR Codes offer quick resolution to queries
- Embedded QR Codes of short concept videos on key concepts for explanation of difficult topics
- Embedded QR Codes of Quick Recap Audio allows to revise the chapter in a short time



TEACHING HOURS

Subjects	Teaching Hours
Physics	125
Chemistry	105
Botany	95
Zoology	100
Total	425



QUESTION BANK

Name of the Question Bank	No. of Questions
Momentum booster for NEET	15836
Total	15836



TOTAL QUESTIONS

Total number of questions	30764
Approximate questions per subject	7691



NCERT MAPS BENEFITS

- 1.Helps to revise the entire NCERT chapters quickly.
- 2.Helps strengthen key concepts & important formulae for NEET.
- 3.Questions are framed from in-between the NCERT lines for complete preparation.



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Type of Test	No. of Tests	No. of Questions per Test	Total Questions	Duration	Medium	Mode	Ranking
Fortnightly Test (FT)	11	200	2200	3 hr. 20 mins	Hindi/English	Online/ Offline	AIR/ Centre Rank
All India Aakash Test Series (AIATS)	11	200	2200		Hindi/English	Online/ Offline	AIR/ Centre Rank
Final Test Series for NEET	26	200	5200		Hindi/English	Online/ Offline	AIR/ Centre Rank
*AIM-720 Program (Complete Syllabus Test)	23	200	4600		Hindi/English	Online/ Offline	AIR/ Centre Rank
Total number of tests and questions	71		14200				

*To be provided to selected students basis their performance.



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- Question Practice
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