



GOVERNMENT MEDICAL COLLEGE & HOSPITAL, CHANDIGARH

Presents



BRAINSTORM 2024

for class 7th, 8th, 9th, 10th & +1, +2 Medical & Non-Med

Exam Date : 6th & 13th Oct, 2024

Knowledge Partner

M.L. Syal's Helix Institute

Institute for Preparation of NEET | IIT-JEE | Foundation



Scan the QR Code
to Register



**EXCITING
PRIZES**

GMCH E-BLOCK Sector 32B Chandigarh.

Helpline No.: 0172-3503939



WHAT IS BRAINSTORM?

BRAINSTORM, is a Competitive Exam & Human Organ Demonstration organized by the Medical Students of GMCH Chandigarh, which we promise to be an intellectual extravaganza. With a blend of analytical reasoning and thought-provoking conceptual questions, BRAINSTORM aims to challenge participants, stimulate critical thinking, and foster a spirit of healthy competition. The exam is not only a test of knowledge but also a platform to gauge your calibre among the brightest of your peers. Unleash your inner genius at BRAINSTORM !



**Overall
Rank**



**Human Organ
Demonstration**



**Mentorship
Program**

PRIZES BASED ON RANKS

RANK	CLASS 7th & 8th	CLASS 9th & 10th	CLASS 11th & 12th
1st	₹ 2,100/- + Trophy	₹ 2,500/- + Trophy	₹ 3,000/- + Trophy
2nd	₹ 1,500/- + Trophy	₹ 1,500/- + Trophy	₹ 2,100/- + Trophy
3rd	₹ 1,000/- + Trophy	₹ 1,000/- + Trophy	₹ 1,500/- + Trophy



Exam Dates : 6th & 13th Oct, 2024

Exam will be conducted in 3 different shifts for both the dates.

SHIFT NO.	EXAM TIME	ORGAN DEMO TIME
1 st shift	9:30 to 11:00 am	11:00 to 12:00 pm
2 nd shift	2:30 to 4:00 pm	4:00 to 5:00 pm
3 rd shift	4:30 to 6:00 pm	3:00 to 4:00 pm

***Kindly Note :**

You can choose the date and shift timings according to your preference. Shift timings are subject to change on the discretion of the organizing committee. If the chosen slot is full, you will be moved to the subsequent slot timings.

How to Register

- BRAINSTORM Exam registration fees is Rs.200/-.
- Candidates can use any one of the following methods to get themselves registered.
- Online Registration at Brainstorm Website: Visit our official website www.brainstormbygmch32.com and register yourself and proceed to pay Rs.200/- (Registration Fee) Online.
- Offline Registration mode : Fill Offline Registration Form at your School. Give your Names and Deposit Fees with your teacher in-charge.
- Scan the QR code for Online Registration :



Scan the QR Code
to Register

SYLLABUS OF BRAINSTORM EXAM

For Class 7th Students

PHYSICS : • Heat • Motion and Time • Electric Current and Its Effect

CHEMISTRY : • Acids Bases and Salts • Physical and Chemical Changes

BIOLOGY : • Nutrition in Plants • Nutrition in Animals • Respiration in Organisms • Transportation in Animals and Plants

MATHEMATICS : • Integers • Fractions and Decimals • Simple Equations • Lines and Angles • The Triangle and its Properties • Comparing Quantities (Percentage, Decimal to percentage, Ratios to Percents, Profit or Loss as Percentage, Simple Interest)

MENTAL ABILITY : • Number Series • Direction Based Problems • Mathematical Operations • Missing Character • Mirror and Water Image

For Class 8th Students

PHYSICS : • Force and Pressure • Friction • Sound • Chemical Effects of Electric Current

CHEMISTRY : • Coal and Petroleum • Combustion and Flame (Combustion, Types of combustion, Fire)

BIOLOGY : • Crop Production and Management • Microorganisms- Friend and Foe • Conservation of Plants & Animals • Reproduction in Animals

MATHEMATICS : • Rational Numbers • Linear Equations in One Variable • Understanding Quadrilaterals • Squares and Square Roots • Cubes and Cube Roots • Comparing Quantities (Percentage, Discounts, Profit or Loss as Percentage, Compound Interest, Goods and Service Tax)

MENTAL ABILITY : • Verbal and Non-Verbal Reasoning (Series and Analogy) • Alphabetic Problems • Direction Based Problems • Coding and Decoding • Blood Relation

For Class 9th Students

PHYSICS : • Motion • Force and Laws of Motion • Gravitation

CHEMISTRY : • Matter in Our Surroundings • Is Matter Around Us Pure? • Atoms and Molecules

BIOLOGY : • The Fundamental Unit of Life • Tissues (Plants and Animals)

MATHEMATICS : • Number Systems • Polynomials • Coordinate Geometry • Lines and Angles • Triangles • Linear Equations in two Variables

MENTAL ABILITY : • Verbal and Non- Verbal Reasoning (Series, Analogy, Classification) • Coding and Decoding • General Logical and Analytical Reasoning • Clock and Calendar • Cubes and Dice

For Class 10th Students

PHYSICS : • Light - Reflection and Refraction • Human Eye and Colorful World • Electricity

CHEMISTRY : • Chemical Reactions & Equations • Acids, Bases and Salts • Metals and Non-Metals

BIOLOGY : • Life Processes of Plants and Animals: Basic Concepts of Nutrition, Respiration, Transportation, Excretion • Control and Coordination

MATHEMATICS : • Real Numbers • Polynomials • Pair of Linear Equations in Two Variables • Quadratic Equations • Arithmetic Progressions • Coordinate Geometry • Triangles • Introduction to Trigonometry • Some Applications of Trigonometry

MENTAL ABILITY : • Verbal and Non- Verbal Reasoning (Series, Analogy, Classification) • Coding and Decoding • General Logical and Analytical Reasoning • Problems Based on Figures • Clock and Calendar • Cubes and Dice

For Class 11th Students

PHYSICS : • Significant figures & Error Analysis • Motion in a 1-D and 2-D • Laws of Motion & Friction • Work, Energy & Power • Circular Motion • Rotational motion

CHEMISTRY : • Structure of atoms • Classification of elements • Chemical bonding • Some basic concepts of chemistry • Redox Reactions • Chemical Equilibrium • Ionic Equilibrium

BIOLOGY (Only for medical students) : • The living world • Biological classification • Plant Kingdom • Morphology of flowering plants • Structural Organisation in Animals • Cell the unit of life • Cell cycle & cell division • Breathing and exchange of gases • Body fluids and circulation • Excretory products and their elimination

MATHEMATICS (Only for non medical students) : • Sequence & Series • Trigonometry • Quadratic equation and linear inequalities • Sets • Relations & Functions

For Class 12th Students

PHYSICS : • Electric Charges and fields • Electrostatic Potential and Capacitance • Current Electricity • Moving Charges and Magnetism • Magnetism and matter • Electromagnetic Induction • Alternating Current

CHEMISTRY : • Solutions • Electrochemistry • Chemical Kinetics • Haloalkanes & Haloarenes • Alcohols, Phenols & Ethers

BIOLOGY (Only for medical students) : • Sexual Reproduction in flowering plants • Human reproduction • Reproductive health • Principles of inheritance • Molecular basis of inheritance • Evolution • Human health and disease • Microbes in human welfare

MATHEMATICS (Only for non-medical students) : • Matrices & Determinants • Relations and Functions • Inverse trigonometric functions • Continuity & Differentiability • Differentiation • Application of Derivative • Indefinite Integrals • Definite Integrals

Pattern for 7th, 8th, 9th, 10th

Pattern: 60 Objective Type Questions with 4 options

Question Distribution (Total : 60) Physics: 10, Chemistry: 10, Biology: 10, Mathematics : 18, Mental Ability: 12

Marking Scheme : (+4) for correct answer, NO Negative

Marking for incorrect answer | **Duration of Exam** : 1 hr 30 min

Pattern for 11th & 12th Medical

Pattern: 60 Objective Type Questions with 4 options

Question Distribution (Total : 60) Physics: 15, Chemistry: 15, Biology: 30,

Marking Scheme : (+4) for correct answer (-1) Negative

Marking for incorrect answer | **Duration of Exam** : 1 hr 30 min

Pattern for 11th & 12th Non-medical

Pattern: 45 Objective Type Questions with 4 options

Question Distribution (Total : 45) Physics: 15, Chemistry: 15, Mathematics : 15

Marking Scheme : (+4) for correct answer (-1) Negative

Marking for incorrect answer | **Duration of Exam** : 1 hr 30 min

Mode of examination : Offline Mode

Venue : GMCH Chandigarh Campus



ABOUT HUMAN ORGAN DEMONSTRATION

- Our demonstration will feature a **captivating presentation**, showcasing detailed visuals of human organs, along with live specimens displayed for an up-close look at the intricate structures of the human body.
- This session is designed to spark curiosity and enhance understanding of human biology in an interactive setting.
- Following the demonstration, we will conduct a **quiz** where participants can test their knowledge and win exciting **on-the-spot prizes** for correct answers. This is a unique opportunity to learn, ask questions, and deepen your appreciation of the wonders of the human body.
- Gain insights into various competitive exams with our **informative seminars** tailored for students. Learn about preparation strategies, exam patterns, and tips to excel in your academic journey.
- The top 10 students of BRAINSTORM classes (11 & 12) will receive **exclusive mentorship** from medical and engineering students. This personalized guidance will help aspiring students navigate their academic paths with expert advice and support.
- Don't miss this chance to see anatomy come to life, gain valuable insights into your future career, and receive mentorship that can shape your academic success.



Government Medical College & Hospital , Sector 32, Chandigarh



0172-3503939



BRAINSTORM 2024

PASTE
Student's
Passport
Size
Photograph

REGISTRATION FORM

DATE OF EXAM	
6 th Oct <input type="radio"/>	13 th Oct <input type="radio"/>

PREFERRED SHIFT		
1 st shift <input type="radio"/>	2 nd shift <input type="radio"/>	3 rd shift <input type="radio"/>

GENDER	
MALE <input type="radio"/>	FEMALE <input type="radio"/>

STUDENT NAME (FILL IN CAPITAL LETTERS ONLY)

[illegible]

CLASS YOU ARE STUDYING IN			
7th <input type="radio"/>	8th <input type="radio"/>	9th <input type="radio"/>	10th <input type="radio"/>

YOUR SCHOOL BOARD	
CBSE <input type="radio"/>	ICSE <input type="radio"/>

CLASS 11 th		CLASS 12 th	
MEDICAL <input type="radio"/>	NON - MEDICAL <input type="radio"/>	MEDICAL <input type="radio"/>	NON-MEDICAL <input type="radio"/>

STUDENT DATE OF BIRTH							
D	D	M	M	2	0	Y	Y

FATHER'S NAME (FILL IN CAPITAL LETTERS ONLY)[illegible]

MOTHER'S NAME (FILL IN CAPITAL LETTERS ONLY)	
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[illegible]

MOTHER'S MOBILE NUMBER	
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FATHER'S MOBILE NUMBER	
------------------------	--

[illegible][illegible]

EMAIL ID (FILL IN CAPITAL LETTERS ONLY)

[illegible]

ADDRESS (FILL IN CAPITAL LETTERS ONLY)

[illegible][illegible]City / Tehsil : District :

Pin Code : State :

NAME OF YOUR CURRENT SCHOOL _____[illegible][illegible]CITY OF YOUR SCHOOL[illegible]

INSTRUCTIONS

1. If you provide incomplete, incorrect, duplicate, or multiple details, your registration form will be considered invalid and will be cancelled.
2. You can choose the date and shift timings according to your preference. Shift timings are subject to change on the discretion of the organizing committee. If the chosen slot is full, you will be moved to the subsequent slot timings.
3. You will be provided your admit card 3 Days before your exam date.
4. The registration fee for the exam is non-refundable and non-adjustable.
5. Only one student can register with a single mobile number and email ID.
6. GMCH reserves the right to withhold the result of any student found guilty of cheating by any means.

TERMS & CONDITIONS

I agree to the following terms and conditions for participating in "BRAINSTORM 2024" at GMCH Chandigarh:

1. Decorum and Conduct : I shall maintain decorum and respect for all college authorities, peers, and staff. I will adhere to all College principles and regulations and conduct myself in a calm and non-offensive manner.
2. Property and Safety : I shall be responsible for my own safety and for any damage caused by me to the event venue or other College property due to my actions or negligence. I agree to compensate for any such damages.
3. Prohibited Substances & Unfair Means : I will not use, possess, or distribute intoxicants, cigarettes, alcohol, or any other prohibited substances during the event. If found cheating, I will be debarred from the examination and any future events organised by the college.
4. Event Participation: I will attend the event on time, adhere to the schedule provided, and actively participate in all activities associated with the event.
5. Acceptance of Decisions : I accept that all decisions made by the event organizers and College authorities are final and binding.
6. Consequences of Non-Compliance : I understand that failing to comply with these terms may result in disqualification from the event, forfeiture of any prizes or awards, and further action if deemed necessary by the College authorities.

I hereby declare my consent to the above terms and conditions for participating in "BRAINSTORM'2024" organised by GMCH Chandigarh.

SIGNATURE OF CANDIDATE	I have read the Terms & Conditions mentioned above & accept the same	SIGNATURE OF PARENTS