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INDIAN INSTITUTE OF TECHNOLOGY DELHI
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INFORMATION BROCHURE

**CAET
2027**

Combined Admission Entrance Test
for Admission to the Undergraduate
Programs for Academic Year 2027-28

IIT DELHI - ABU DHABI

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1. Indian Institute of Technology Delhi - Abu Dhabi

Indian Institute of Technology Delhi - Abu Dhabi (IIT Delhi - Abu Dhabi), an institution conceived by the leaderships of the UAE and India, brings the prestigious legacy of the Indian Institute of Technology Delhi to the vibrant landscape of the UAE. With a commitment to innovation, research, and global collaboration, this institution serves as a beacon of knowledge, nurturing brilliant minds and shaping future leaders in engineering, technology, and beyond. We seek to admit curious and talented learners who are passionate in their approach and would be keen on building their career through hard work, critical thinking, and overall development.

2. Academic Programs

In the undergraduate (UG) academic programs, Computer Science and Engineering, and Energy Science and Engineering, started in the academic year (A.Y.) 2024-25, while Chemical Engineering started in the A.Y. 2025-26 and Electrical Engineering started in A.Y. 2026-27. A few other UG disciplines are expected to begin in subsequent academic years. The details of the added academic programs will be updated in due course on the IIT Delhi Abu Dhabi website at the link:

<https://iitdabudhabi.ac.ae/undergraduate>

3. Nationality Categories

The nationality of candidates would be classified under the following categories in this document for undergraduate admissions to the IIT Delhi - Abu Dhabi campus through the Combined Admission Entrance Test (CAET) 2027 examination and JEE (Advanced) 2027.

A. UAE Nationals: Candidates who are citizens of the UAE and possess a proof of the same.

B. International Candidates:

- a. Candidates who are NOT citizens of India (by birth or naturalized) and NOT UAE nationals.
- b. Candidates who are Overseas Citizen of India / Person of Indian Origin (OCI/PIO) card holders.*

**Candidates who have secured OCI/PIO card before 04.03.2021, can opt to appear in JEE (Main) and JEE(Advanced) as at par with Indian citizens. In case they do so, such candidates are not eligible for admission to IIT Delhi- Abu Dhabi campus through CAET 2027.*

C. Indian Expatriates: Candidates holding valid Indian Passports, who have been living outside India from the last five years and have completed/will be completing their Class/Grade 8 to 12 standard of schooling from outside India.

D. Indian Nationals: Candidates, holding valid Indian passports, who do not belong to the category of Indian Expatriates as mentioned in item **C** are defined as Indian Nationals.

4. About CAET 2027

The admissions of all the candidates in the above-mentioned academic programs for the academic year 2027-28 will be through two modes:

- (1) Combined Admission Entrance Test (CAET) 2027. This document describes the requirements of the CAET 2027. This mode is applicable for the UAE nationals, International candidates, and the Indian expatriates.
- (2) JEE (Advanced) 2027: The eligibility criteria and other details/requirements for JEE (Advanced) 2027 can be found at <https://jeeadv.ac.in/index.html>.

4.1 Language: The language of the CAET 2027 will be **English**.

4.2 Number of Sessions: CAET 2027 will be conducted in four sessions as follows.

Session 1:	November 22, 2026
Session 2:	January 31, 2027
Session 3:	April 18, 2027
Session 4:	July 18, 2027

A candidate will get a maximum of two opportunities to appear in the CAET 2027 examination. If a candidate appears in two sessions, the better score out of the two will be considered for the final selection process to the IIT Delhi - Abu Dhabi campus. An additional special drive for UAE Nationals may be conducted on 12th August 2027 if needed.

Rescheduling of exams may be done under unforeseen circumstances.

4.3 Location of Centres:

The examination will be conducted at various centres in the UAE and other parts of the world, depending on the response of candidates. The candidates would fill in their choices of examination city in their application. Efforts will be made to allot the candidates to a centre in a city from among the candidate's choices. However, under exceptional circumstances, a different city may be allotted.

Session 1 may be conducted in Abu Dhabi, Dubai, Sharjah, Ras-Al-Khaimah, Muscat, New Delhi, Singapore, and Tokyo.

Additional cities may be added or removed for other sessions, depending on candidate registration and/or circumstances prevailing at that time.

4.4 Test Type and Duration:

The test will be of 3 hours duration, and would consist of three parts, one each on Physics, Chemistry and Mathematics, with equal weightage. Attempting all the subject parts of the paper is compulsory. Each subject part would consist of 20 questions. Thus, a candidate would have to answer a total of 60 questions in 3 hours. The syllabi for the examination are given in Annexure I and the type of questions have been

provided as Annexure II. The question papers of the previous years can be found on the website (<https://iitdabudhabi.ac.ae>). Candidates must carefully read and adhere to the detailed instructions given in the question paper during the examination.

5. Eligibility Criteria

Eligibility Criteria for appearing in CAET 2027 for the admission to IIT Delhi - Abu Dhabi is listed below in Table 1. A candidate must satisfy all four criteria (1 - 4) to be eligible to appear for any session of CAET 2027. However, admission to IIT Delhi - Abu Dhabi requires satisfying all six criteria (1 - 6) listed in Table 1.

Table 1. Eligibility Criteria for appearing in CAET 2027 and for the admission to IIT Delhi - Abu Dhabi

1. Nationality:	Only those candidates falling under UAE Nationals, International Candidates and Indian Expatriates (see section 3 for definition), are eligible for admission to IIT Delhi - Abu Dhabi campus through CAET 2027. Indian Nationals are advised to apply through the JEE Advanced 2027.
2. Board Exam appearing Year and Subjects undertaken	A candidate should have appeared / appearing for the Class/Grade 12 (or equivalent) examination for the first time in either 2026 or 2027. Candidates whose first appearance in Class/Grade 12 examination was in 2025 and in earlier years are NOT eligible. If a candidate has completed 'n' years of mandatory service as per the policy of their country of citizenship, a relaxation of 'n' years will be granted, provided the service is supported by a valid certificate.
3. Age / Date of birth:	Candidates should have been born on or after 1 st October 2002. Age relaxation for mandatory service is as per the policy of the country of citizenship of the candidate.
4. Number of Attempts:	Candidates can apply for admission in a maximum of two academic years. In any given academic year, a candidate can appear for CAET for a maximum of two sessions.
5. Prior Admission to IIT:	A candidate must not have been admitted to any Indian Institute of Technology (IIT) previously, regardless of whether they continued in the program or accepted and subsequently vacated the seat. (for details, please refer to eligibility criterion on "Earlier Admission to IITs" in the JEE Advanced Information Brochure at https://jeeadv.ac.in).
6. Board Exam Marks for admission:	Must have a minimum of 75% marks or equivalent in AT LEAST TWO of the following subjects: Chemistry, Physics and Mathematics; AND a minimum of 80% aggregate mark or equivalent in the Class/Grade 12 board examination

6. Application Process and Registration Fee

For the application process refer to the link

<https://admissions.abudhabi.iitd.ac.in/application/caet>

All applicants except UAE nationals should pay 150 AED or equivalent + bank transaction charges + taxes (if any) as a registration fee for each session of CAET 2027

7. Mode of Examination

The CAET 2027 would be pen and paper based, and the candidates would be required to mark their responses on an OMR (Optical Mark Recognition) sheet provided to them at the time of the examination.

8. Important Dates

Entrance Test Dates:

Session 1: November 22, 2026

Session 2: January 31, 2027

Session 3: April 18, 2027

Session 4: July 18, 2027

Note that a candidate can appear a maximum of two times out of these four sessions. The option of choosing multiple sessions during the registration process has been enabled on the registration portal. Please check the CAET 2027 website: <https://admissions.abudhabi.iitd.ac.in/application/caet> for further information.

The schedule of various other activities will be announced before each session. For Session 1, the scheduled Dates and Time (Gulf standard time, GST = GMT+4) of activities are as follows.

Session 1 Activities	Schedule
Start of online registration for Session 1	On or before October 14, 2026
End of online registration for Session 1	November 14, 2026 5:00 p.m.*
Test card (test admit card) download	November 19-22, 2026
CAET Session 1	Sunday, November 22, 2026 10:00 a.m.* to 1:00 p.m.
Reporting time at the centre	9:00 a.m.*
Display of provisional answer key & Opening of portal for feedback - Session 1	November 26, 2026
Closing of portal for candidate feedback - Session 1	December 01, 2026, 5:00 p.m.
Final display of answer keys Session 1	December 05, 2026, 5:00 p.m.
Result CAET 2027 Session -1	December 08, 2026, 5:00 p.m.

*If you have selected a centre in India, Singapore, Japan, the corresponding local Standard Time will be used. Note that 10:00 a.m. (GST) = 11.30 a.m. (IST) = 2:00 p.m. (SGT) = 3:00 p.m. (JST)

9. Declaration of Results

The answer keys for the examination and the recorded responses of the candidates for Session 1 would be displayed on the application portal as per the date schedule given in Section 8 above. Feedback / challenges on the answer keys would be entertained within the specified time period as outlined for every session. The results will be compiled based on the final answer keys declared. No challenges will be entertained subsequent to the display of final answer keys. Respective dates for subsequent sessions (Sessions 2, 3 and 4) will be announced on the website in due time.

10. Rank Lists

Provisional CAET (PCAET) score after each session and Final CAET (FCAET) score after the end of the fourth session will be calculated for the qualified candidates. A separate **Final Merit List/Ranking** would be prepared on the basis of Final CAET scores, for the following three categories of candidates (See section 3 for definitions of these categories):

1. UAE Nationals
2. Indian Expatriates
3. International Candidates.

11. Seat Allocation and Distribution for students through CAET 2027

A certain number of the seats through CAET 2027 will be allocated to top rank holders as per their PCAET scores after each CAET session. The final seat allocation will be done on the basis of the combined merit list and the filled choices after CAET session 4 through the admission portal. Details regarding seat allocation, Seat Matrix, Rules and Schedule of the Allotment of Seats will be updated on the website in November 2026.

If you are not offered a seat after your first attempt, you may appear for the second attempt in any of the available subsequent examination sessions to improve your score.

12. Seat Reservation

Seat allocations through CAET 2027 and the IIT Delhi – Abu Dhabi admissions portal would be governed by the policies of the UAE government.

Seat allocations through JEE (Advanced) 2027 / JoSAA would be subject to all regulations of reservations applicable to candidates as per the prevailing norms.

13. Disclaimer

The decision of the admission committee will be final in all matters related to CAET 2027 and admission to the IIT Delhi - Abu Dhabi campus for the A. Y. 2027-28. Any legal matter regarding CAET 2027 is to be governed by the laws of the Abu Dhabi Global Market.

14. Contact Details

For application / examination related queries, please contact the email IDs and phone numbers given below.

Office	Email	Phone Number
IITD - Abu Dhabi, United Arab Emirates	admissions@iitdabudhabi.ac.ae	+971 2 495 8510
IIT Delhi, New Delhi, India	jeechair@admin.iitd.ac.in or jeevchair@admin.iitd.ac.in or jeevchair1@admin.iitd.ac.in	+91-11-2659-1734/35

Annexure I

Syllabus for CAET 2027

PHYSICS

Mechanics:

Translational Motion: Distance and Displacement, Speed and Velocity, Acceleration, Kinematic Equations, Graphs of Motion, Forces, Newton's Laws of Motion, Newton's Law of Universal Gravitation, Falling Objects, Projectiles, Work, Energy, Power, Center of Mass, Linear Momentum and Impulse, Rotational Motion, Conservation of angular energy and conservation of angular momentum, laws of kinematics and dynamics. *Rotational Motion:* Rotational Kinematics, Moment of Inertia, Torque, Angular Momentum, Newton's Second Law for Rotation, Circular Motion, Static Equilibrium, Rotational Work, Rotational Energy, Simple Machines, Fluids mechanics laws such as Pascal's Principle, Archimedes' Principle and Bernoulli's Equation, Properties of fluids at rest (Hydrostatics).

Fluid mechanics: Density and Pressure, Pascal's Principle, Archimedes' Principle, Hydrodynamics, Fluids Flow, Bernoulli's Equation.

Electromagnetism:

Electricity: Electric Charge, Electrostatic Force, Electric Field, Electric Flux, Electrostatic Potential, Electrostatic Energy, Capacitors, Capacitance and Dielectrics, Electric Current, Electromotive Force, Resistance, Resistivity, and Ohm's Law, Electric Power and Joule's Heating, Direct Current (DC) and Alternating Current (AC) Electric Circuits. *Magnetism:* Magnet and Electromagnet Properties, Magnetic Field, Magnetic Flux, Magnetic Force, Magnetic Torque, Electromagnetic Induction Laws, Inductance, Transformers.

Waves and Optics:

Waves: Undamped Simple Harmonic Motion, Damped Oscillations, Driven (Forced) Oscillations and Resonance, Mechanical Waves Characteristics, Mechanical Waves Behavior, Sound in Motion (Doppler Effect). *Optics:* Electromagnetic Waves, Polarization, Interference, Diffraction, Reflection, Refraction, Mirrors, Thin Lenses.

Modern Physics:

Theory of relativity: Einstein's General Theory of Relativity, Equivalence Principle, Frames of Reference. Einstein's Special Theory of Relativity Postulates, Einstein's Special Theory of Relativity Consequences: (Length, Mass, Time, Energy, etc). *Atomic Physics:* Matter Waves: De Broglie Wavelength, Heisenberg Uncertainty Principle, Blackbody Radiations, Photoelectric Effect, The Compton Effect, Atomic Models and Atomic Spectra, Quantum Physics Application. *Nuclear Physics:* Nuclear Structure and Properties, Radioactivity, Nuclear Reactions, Elementary Particles, Composite Particles.

Thermal Physics

Temperature and Heat: Internal energy, temperature, heat, Temperature Scales, Thermal Equilibrium, Thermal Expansion, Quantity of Heat and Specific Heat Capacity, Calorimetry and Phase Changes, Mechanisms of Heat Transfer. *Thermodynamics:* Ideal Gas Laws, Kinetic Molecular Theory, Zeroth Law of Thermodynamics (Absolute Zero), First Law of Thermodynamics, Second Law of Thermodynamics.

CHEMISTRY

Chemical foundation:

Steps of Scientific Process, Conversion of S.I. Units, Temperature Scales and Conversions, Density Calculations, Scientific Notation, Significant Figures, Accuracy and Precision, Dimensional Analysis.

Inorganic Chemistry:

Elements, Compounds, and Mixtures; Properties and Interconversions of Solids, Liquids and Gases, Physical and Chemical Changes and Properties of Matter, Laws of Definite Proportion and Conservation of mass, Development of Modern Atomic Theory, Protons, Neutrons, and Electrons, Atomic Number, Mass Number, Isotopes, Properties of Waves, Electromagnetic Radiation, Planck's Quantum Theory, The Photoelectric Effect, Emission Spectra, Distribution of Electrons, The Pauli Exclusion Principle, Hund's Rule, The Aufbau Principle, Periodic Classification of Elements, Periodicity (Atomic and Ionic Radius, Ionization Energy, Electron Affinity, and Electronegativity, Ionic Bond, Formulae of Ionic Compounds, Properties of Ionic Compounds, Covalent Bond, Electronegativity Values and Type of Bond, Lewis Structures for Atoms, Ions and Molecules, Molecular Geometry, Properties of Covalent Compounds, Intermolecular Forces, Properties of intermolecular Forces such as Surface Tension, Viscosity, Vapor Pressure, and Molar Heat of Vaporization, Interpretation of Heating and Cooling Curves, Stoichiometry, Electrolytic Properties of Aqueous Solutions, Factors Affecting Solubility, Molecular, Ionic and Net Ionic Equations, Properties of Acids and Bases, Arrhenius, Bronsted-Lowry, and Lewis, Definitions of Acids and Bases, Acid-Base Equilibria, Acid-Base Titrations, Oxidation and Reduction, Redox Reactions, Corrosion Formation and Protection, Redox Titrations and Calculations, Electrolysis of water, Molten and Aqueous Solutions, Gravimetric Analysis.

Organic Chemistry:

Chemical and Physical Properties of Organic Compounds, Hydrocarbon Types and Nomenclature, Saturated Hydrocarbons: Alkanes and Cycloalkanes, Unsaturated Hydrocarbons: Alkenes and Alkynes, Isomerism, Combustion, Addition, and Substitution Reactions, Aromatic Compounds Nomenclature, Reactions of Aromatic Compounds, Alcohols Nomenclature, Production of Alcohols by Fermentation and in Industry, Reactions of Alcohols, Aldehydes and Ketones Nomenclature and Formation, Carboxylic Acids and Esters, Nomenclature and Formation, Amine Types and Nomenclature, Addition and Condensation of Polymers.

Physical Chemistry:

Equipment and Units to Measure Gas Quantities, Molar Volume, Kinetic Molecular Theory, Total Pressure and Partial Pressures, The Gas Laws and Problems Involving T, V, P, and n, Pressure of a Gas Collected over Water, Reaction Rate, Factors that affect Reaction Rates, Diffusion Rates of Gases, The Rate Law, Stoichiometry of Gases, Heterogeneous and Homogeneous Catalysis, Collision Theory of Chemical Kinetics, Concept of Equilibrium, Factors that affect Equilibrium, The First Law of Thermodynamics, Enthalpy Changes ΔH , Enthalpy of Chemical Reactions, Calorimetry, Thermochemical Equations, Standard Enthalpy of Formation and Reaction, Second and Third Laws of Thermodynamics, Entropy Changes (ΔS), Gibbs Free Energy Changes (ΔG), Factors Affecting Gibbs Free Energy Change (ΔG).

Analytical Chemistry: Experimental Measurements, Qualitative Analysis of Inorganic Ions, Chemical Hazards, Safety Principles, Determination of Physical Properties, Criteria of Purity, Instrumental Techniques.

Nuclear Chemistry: Radioactive Decay, Nuclear Transformations, Nuclear Fission, Nuclear Fusion, Half-Life, Uses and Risks of Radioactivity.

MATHEMATICS

Algebra:

Interpret the structure of expressions, Write expressions in equivalent forms to solve problems, Perform arithmetic operations on polynomials, Understand the relationship between zeros and factors of polynomials, Use polynomial identities to solve problems, Rewrite rational functions, Create equations that describe numbers or relationships, Understand solving equations as a process of reasoning and explain the reasoning, Solve equations and inequalities in one variable, Solve systems of equations, Represent and solve equations and inequalities graphically, Understand the concept of a function and use function notation, Interpret functions that arise in applications in terms of the context, Analyze functions using different representations, Build a function that models a relationship between two quantities, Build new functions from existing functions, Construct and compare linear and exponential models and solve problems, Interpret expressions for functions in terms of the situation they model, Extend the domain of trigonometric functions using the unit circle, Model periodic phenomena with trigonometric functions, Prove and apply trigonometric identities, Extend the properties of exponents to rational exponents, Use properties of rational and irrational numbers, Reason quantitatively and use units to solve problems, Perform operations with complex numbers, Represent and model with vector quantities, Perform operations on vectors, Perform operations on matrices, and use matrices in applications, Solve problems with limits, Solve basic differentiation problems, Solve basic integration problems.

Geometry:

Transformations for 2D and 3D shapes, Understand congruence in terms of transformation, Prove geometric theorems, Understand similarity in terms of similarity transformations, Prove theorems involving similarity, Define trigonometric ratios and solve problems involving right triangles, Apply trigonometry to general triangles, Understand and apply theorems about circles, Translate between the geometric description and the equation for a conic section, Use coordinates to prove simple geometric theorems algebraically, Explain volume formulas and use them to solve problems, Visualize relationships between 2D and 3D objects.

Statistics:

Summarize, represent, and interpret data on a single variable; Summarize, represent, and interpret data on two categorical and quantitative variables; interpret linear models; Understand and evaluate random processes underlying statistical experiments; Make inferences and justify conclusions from sample surveys, experiments and observational studies; Understand independence and conditional probability and use them to interpret data; Use the rules of probability to compute probabilities of compound events in a uniform probability model, Calculate expected values and use them to solve problems, Use probability to evaluate outcomes of decisions.

Annexure II

Type of Questions, Number of Questions and Marking Scheme

Notation: (n1, n2, n3): n1 marks for correct answer; n2 marks for no attempt; n3 marks in all other cases.

1. Multiple Choice Questions (MCQ): (4, 0, -1)
 - Each question has FOUR options (A), (B), (C) and (D). ONLY ONE of these four options is the correct answer;
 - There will be EIGHT (08) MCQ questions in each Subject
2. Single Digit Non-Negative Integer: (SDI): (4, 0, 0)
 - A question having a non-negative numeric single digit INTEGER, i.e., answer will be any of the 10 following digits 0 to 9:
 - There will be SIX (06) SDI questions in each Subject
3. Paragraph Based Question (PBQ): (4, 0, 0)
 - Based on each paragraph, there are TWO (2) questions.
 - The first question is of multiple-choice type, based on the given paragraph; Each question has FOUR options (A), (B), (C) and (D). ONLY ONE of these four options is the correct answer ;
 - The second question is NON-NEGATIVE numerical answer based; The answer can be obtained by truncation/round-off of the final calculated value to one decimal place. To answer this question, examinee will darken the bubble on the OMR sheet corresponding to the correct two digits (one's place and tenth's place) of the answer.
 - There will be 3 PBQ in each subject

Examples: Please See the Sample Question Papers in the CAET 2027 website

<https://app3.iitd.ac.in/MockTest/>

Annexure III

Important instructions to be followed on the Day of the Examination

1. Candidates **MUST** carry a printed copy of the downloaded Test admit card and their valid original photo identity card (any photo ID acceptable in the country of examination centre) for the entrance test. Only candidates having a valid admit card and photo identity card will be allowed to write the entrance test.
2. Candidates are advised to bring their own writing materials such as pen, pencil, eraser and sharpener. Exchange of these items between candidates is **NOT** allowed.
3. The candidate's identity will be verified at the examination centre by invigilators as well as IIT Delhi representatives. If the identity of the candidate is in doubt, the candidate may not be allowed to appear for the entrance test. However, the IIT Delhi authorities, at their discretion, may provisionally permit the candidate to appear for the test after completing certain formalities. No extra time will be allowed for completing the examination in lieu of the time taken for completing these formalities. In such cases where the candidate is permitted to provisionally appear for the examination, the decision of the Chairperson, JEE, IIT Delhi on the issue, shall be final.
4. Impersonation and/or use of unfair means in the examination are considered as serious offences and will lead to disqualification of one's candidature from the test and all admission related processes. It may also lead to legal action against such candidates.
5. Only pens, pencils, eraser, non-programmable scientific calculator, drinking water in a transparent bottle, downloaded test admit card and an original photo identity card are allowed to be taken inside the examination hall. Exchange of calculators between candidates is **NOT** allowed.
6. The following items will **NOT** be allowed inside the examination centre: programmable calculators, mobile phones, bluetooth devices, earphones, microphones, pagers, smart watches or any other electronic gadgets, any printed/blank/handwritten paper, log tables, writing pads, pen drives, electronic pens/Scanner, camera or similar such items.
7. Any other item not mentioned in point 6, that could be used for unfair means is **NOT** permitted inside the examination center.
8. Candidates will not be allowed into the centre once the exam has started.
9. Candidates will not be allowed to leave the examination centre before the end of the examination. In case of a medical emergency, students can be allowed after filling the designated form.

Annexure IV

Services of a Scribe and extra time for PoD candidates

1. The PoD (Person of Determination) candidates are eligible for 60 minutes (20 minutes per hour) additional time and are also eligible to avail of the service of a scribe. In addition, for CAET 2027 the UAE government laws on the matter may be applicable.
2. These candidates would be required to upload the requisite certificate duly signed by the medical authority of the Government in the country of residence of the candidate.
3. Candidates who desire to avail of the services of a scribe need to opt for this during the online registration for CAET 2027.
4. The scribe will help the candidate only in reading the questions and/or darkening the bubble in the OMR sheet as per the directions of the candidate. A scribe will NEITHER explain the questions NOR suggest any solutions.
5. JEE Office, IIT Delhi will make necessary arrangements, through the IIT Delhi - Abu Dhabi, to provide a panel of scribes (amanuenses). Scribes would preferably be students of Class/Grade 12 from the science stream with Mathematics as one of the subjects.
6. The candidate will be allowed to meet the panel of scribes one day prior to the examination, in the presence of the IIT Delhi - Abu Dhabi Representatives (IRs) and an Invigilator, and choose any one of the scribes.
7. The candidate will NOT be allowed to bring their own scribe.
8. If it is found at any stage that a candidate has availed the services of a scribe and/or availed the additional time, but does not possess a valid certificate, the candidate will be excluded from the process of evaluation, ranking and admission. In case such a candidate has already been admitted to IIT Delhi - Abu Dhabi campus, the admission of the candidate will be cancelled.

Annexure V

Calculation of CAET score and Rank

Qualifying Score: A candidate is declared qualified if (s)he meets the following criteria:

- i. His/her marks in each subject part is higher than or equal to:
 - a. the mean plus standard deviation of positive scores in the respective subject part in the respective session **OR**
 - b. 10% (8 marks out of 80),
 whichever is lower,

AND

- ii. His/her aggregate marks in all three subject parts put together is higher than or equal to:
 - a. the mean plus standard deviation of positive scores in aggregate marks in the respective session **OR**
 - b. 35% (84 marks out of 240),
 whichever is lower.

These criteria may be lowered in case of necessity after the examination, while deciding on final scores.

Provisional Total CAET Score: The total marks obtained by each candidate are converted into a score ranging from 35 to about 100. This score is called **Provisional CAET Score, PCAET**. It is the normalized score that represents the relative performance of all those who qualified in session -1 of CAET 2027 examination. The calculation procedure for Provisional CAET (PCAET) score is described below.

- a) The following parameters are calculated:
 - (i) the mean, μ of marks of all candidates who appeared for the examination in session 1 of CAET 2027 and
 - (ii) the standard deviation, σ , of positive marks of all the candidates who appeared for the examination in session 1 of CAET 2027.
- b) The qualifying score for the session 1 is calculated:
The qualifying score $M_q = (84, \mu + \sigma)$
- c) $\underline{M_t}$, the mean marks of the top 1% candidates or top 4 candidates (whichever is larger) is calculated.
- d) The provisional CAET score PCAET is then calculated as follows, using $S_q = 35$ and $S_t = 90$ for each candidate who scored M marks in aggregate:

$$PCAET = S_q + (S_t - S_q) \frac{M - M_q}{\underline{M_t} - M_q}$$

Final CAET Score, FCAET :

After all sessions of CAET 2027 are completed, the marks of each candidate is normalised based on the mean of aggregate marks μ^g and standard deviation σ^g of positive aggregate marks of all candidates appearing in all sessions of CAET 2027, as follows:

- a) The global qualifying score M_q^g is calculated as follows:

$$M_q^g = (84, \mu^g + \sigma^g)$$

- b) $\underline{M}_t^g$, the mean marks of the top 1% candidates or top 4 candidates (whichever is larger) in all sessions put together, is calculated.
- c) The normalised score of each candidate, $\hat{M}_{ij}$, is calculated for candidate j appearing in the session i, from the aggregate marks scored by the candidate M_{ij} , as follows:

$$\hat{M}_{ij} = M_q^g + (\underline{M}_t^g - M_q^g) \frac{(M_{ij} - M_{iq})}{\underline{M}_{ti} - M_{iq}}$$

where $\underline{M}_{ti}$ and M_{iq} are the mean score of top 1% candidates and qualifying score of session i.

- d) The Final CAET score (FCAET) is then calculated as follows, using $S_q = 35$ and $S_t = 90$ for each candidate whose normalised score is $\hat{M}_{ij}$ marks in aggregate:

$$FCAET = S_q + (S_t - S_q) \frac{\hat{M}_{ij} - M_q^g}{\underline{M}_t^g - M_q^g}$$

Ranking of candidates for admission

The final merit list of candidates in each category (UAE nationals; International candidates / Indian expatriates) would be prepared based on the FCAET scores of the candidates, and seat allocation and allocation of branches would be done based on the final merit lists. If two candidates have the same FCAET score up to 2 decimal digits, the following tie-break rules will be used:

- a) If two candidates have the same FCAET score up to 2 decimal digits, the candidate with higher subject marks in Mathematics would be assigned a higher rank*.
- b) If the above step (a) fails to break the tie and the two candidates also have equal marks in mathematics, the candidate with higher subject marks in physics would be assigned a higher rank.
- c) If the above step (b) also fails to break the tie, the two candidates would be assigned the same rank.

*rank 1 is considered higher than rank 2.