



# INFORMATION BROCHURE

**CAET  
2025**

**Common Admission Entrance Test**  
for UAE Nationals, Indian Expatriates/  
International Students

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IIT DELHI - ABU DHABI



## Contents

| Section name   | Page no |
|--|---------|
| 1. About Indian Institute of Technology Delhi Abu Dhabi                              | 1       |
| 2. Academic Programs   | 1       |
| 3. Nationality Categories  | 1       |
| 4. About CAET 2025   | 2       |
| 5. Admission Process and Eligibility Criteria  | 2       |
| 6. Application Process and Registration Fee  | 3       |
| 7. Mode of Examination   | 3       |
| 8. Important Dates and Time of CAET 2025   | 4       |
| 9. Declaration of Results  | 4       |
| 10. Rank Lists   | 5       |
| 11. Seat Allocation and Distribution   | 5       |
| 12. Seat Reservation   | 5       |
| 13. Disclaimer   | 5       |
| 14. Contact Details  | 5       |
| <br>   |         |
| Annexure I: Syllabus for CAET 2025   | 6       |
| Annexure II: Type of Questions, Number of Questions and Marking Scheme               | 9       |
| Annexure III: Important instructions to be followed on the day of the<br>Examination | 10      |
| Annexure IV: Services of a Scribe and extra time for PoD candidates                  | 11      |
| Annexure V: Calculation of CAET score and Rank                                       | 12      |

## 1. About Indian Institute of Technology Delhi Abu Dhabi

Indian Institutes of Technology (IITs) are institutions of national importance established through Acts of the Indian Parliament to foster excellence in education. Over the years, IITs have created a world-class educational platform dynamically sustained through quality teaching and internationally acclaimed research, with excellent infrastructure and the best available minds. The faculty and alums of IITs occupy key positions in academia and industry worldwide and continue to make a considerable impact on all sections of society. There are twenty-three IITs across the country, and IIT Delhi is one of them.

IIT Delhi Abu Dhabi campus is a visionary step towards expanding the horizons of education, research and innovation. This campus also represents the commitment of the Indian government to providing a world-class learning environment for students, faculty and researchers across the globe. The commencement of classes for its second batch of undergraduate (UG) program will be from the third week of August 2025.

## 2. Academic Programs

The following undergraduate academic programs will be offered at IIT Delhi Abu Dhabi campus in the academic year (A.Y.) 2025-26:

|   |                                  |
|---|----------------------------------|
| Bachelor of Technology (B. Tech.)*<br>Duration: 4 years | Computer Science and Engineering |
|   | Energy Science and Engineering   |
|   | Chemical Engineering             |

\*The details of the above-mentioned academic programs will be updated in due course on the IIT Delhi Abu Dhabi campus website at the link:

<https://abudhabi.iitd.ac.in/undergraduate>

## 3. Nationality Categories

The nationality of candidates would be classified under the following categories in this document for purposes of undergraduate admissions to the IIT Delhi Abu Dhabi campus through the Combined Admission Entrance Test (CAET) 2025 examination and JEE (Advanced) 2025.

1. **UAE Nationals:** Candidates who are citizens of the UAE and possess a proof for the same are defined as UAE Nationals.
2. **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 2025.*

3. **Indian Expatriates:** Indian nationals (holding Indian passport), living in the UAE for at least the past five years and completed schooling for their class VIII to class XII (or equivalent) in the UAE are defined as Indian Expatriates.
4. **Indian Nationals:** Indian nationals (holding Indian passports) that do not belong to Indian Expatriates as defined in item 3 are defined as Indian Nationals.

#### 4. About CAET 2025

The admissions of all the candidates in the above-mentioned academic programs for the academic year 2025-26 will be through two modes: (1) JEE (Advanced) 2025 and (2) Combined Admission Entrance Test (CAET) 2025. The eligibility criteria and other details/requirements for JEE (Advanced) 2025 can be found at <https://jeeadv.ac.in/index.html>. This document describes the requirements of the CAET 2025.

The language of the CAET 2025 will be **English**. CAET 2025 will be conducted in two sessions as follows: Session 1 will be conducted on **February 16, 2025 (Sunday)** and Session 2 will be conducted on **April 13, 2025 (Sunday)**. A candidate has the option to apply for

- (i) one session (either Session 1 OR Session 2) OR
- (ii) both sessions (Session 1 and Session 2)

The candidates will be getting two opportunities to appear in the examination in this academic year. If a candidate appears in both sessions, the better score out of the two will be considered for the final selection process to the IIT Delhi Abu Dhabi campus.

The Session 1 examination will be conducted at centres in Abu Dhabi, Dubai and Sharjah in the UAE and New Delhi in India. Some additional venues be made available in different cities in different countries for Session 2 of CAET 2025 on 13<sup>th</sup> April 2025 depending on the requirement.

The candidates would fill in their choices of examination city in their application. Efforts will be made to allot the candidates to a centre city from among the candidate's choices. However, under exceptional circumstances, a different city may be allotted.

The test will be of 3 hours duration, and would consist of three parts, one each on Physics, Chemistry and Mathematics equal weightage. Attempting all the subject parts of the paper is compulsory. Each subject part would consist of 20 questions. Thus, a candidate would answer a total of 60 questions in 3 hours. The syllabi for the examination are given in Annexure I. Type of questions (see Annexure II) and Model question papers showing the pattern of the examination are available on the CAET 2025 website (<https://abudhabi.iitd.ac.in/>). Candidates must carefully read and adhere to the detailed instructions given in the question paper during the examination.

#### 5. Admission Process and Eligibility Criteria

The eligibility criteria for admission to IIT Delhi Abu Dhabi campus through CAET 2025 are given below.

**Table 1. Eligibility Criteria for Admission through CAET 2025**

|                         |   |
|-------------------------|---|
| 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 2025. The others are advised to apply through the JEE Advanced 2025.   |
| Board Exam Marks:       | 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 marks <sup>1</sup> or equivalent in the class XII board examination.   |
| Age / Date of birth:    | Candidates should have been born on or after 01 October 2000. Two-years age relaxation may be applicable as per UAE national policy.  |
| Number of Attempts:     | A candidate should have appeared / should be appearing for the Class/Grade XII (or equivalent) examination for the first time in either 2025 or 2024. Candidates whose first appearance in Class/Grade XII examination in 2023 and earlier years are NOT eligible. One year relaxation will be given to UAE Nationals who served one-year compulsory military service supported by a valid certificate. |
| Prior Admission to IIT: | A candidate should NOT have been admitted to any IIT earlier, irrespective of whether the candidate continued in the program or accepted and then vacated an IIT seat. (for details, please refer to eligibility criterion on “Earlier Admission to IITs” in the JEE Advanced Information Brochure at <a href="https://jeeadv.ac.in">https://jeeadv.ac.in</a> ).  |

<sup>1</sup> The marks scored in the board examination in the following five subjects will be considered for calculating the aggregate marks and the cut-off marks for qualification: Physics, Chemistry, Mathematics, a language, and one more subject other than the above four.

## 6. Application Process and Registration Fee

For the application process refer to the link <https://abudhabi.iitd.ac.in/>

Applicants should pay 100 US\$ + bank transaction charges + taxes (if any) as a registration fee for each session of CAET 2025.

## 7. Mode of Examination

The CAET 2025 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 the candidates at the time of the examination. Details on important instructions to the candidates, to be followed on the day of the examination are given in Annexure III. Details on additional time and service of scribe available for Persons of Determination (PoD) are given in Annexure IV.

**8. Important Dates and Time (Gulf standard time, GST =GMT+4) of CAET 2025**

| Activity                                | CAET 2025<br>Session 1                                | CAET 2025<br>Session 2                             |
|---|---|--|
| Start of online registration            | Monday, January 6, 2025                               | Monday, March 3, 2025                              |
| End of online registration              | Thursday, February 6, 2025<br>5:00 p.m.*              | Thursday, April 3, 2025<br>5:00 p.m.*              |
| Test card (test admit card) download    | Monday, February 10 - 16, 2025                        | April 8 - 13, 2025                                 |
| Entrance test                           | Sunday, February 16, 2025<br>9:00 a.m.* to 12:00 noon | Sunday, April 13, 2025<br>9:00 a.m.* to 12:00 noon |
| Reporting time at the centre            | 8:00 a.m.*  | 8:00 a.m.*   |
| Display of answer keys                  | Wednesday, February 19, 2025                          | Wednesday, April 16, 2025                          |
| Feedback from candidates on answer keys | Friday, February 21, 2025                             | Friday, April 18, 2025                             |
| Final display of answer keys            | Monday, February 24, 2025                             | Monday, April 21, 2025                             |
| Result CAET 2025 Session                | Wednesday, February 26, 2025                          | Wednesday, April 23, 2025                          |
| Choice filling Process                  | February 27 - March 2, 2025                           | April 24 - April 28, 2025                          |
| Start of Seat Allocation Process **     | Monday, March 3, 2025                                 | Tuesday, April 29, 2025                            |

\*If you have selected a centre in India, the corresponding Indian Standard Time will be used. i.e. 9:00 a.m. (GST) = 10.30 a.m. (IST), 5:00 p.m. (GST) = 6.30 p.m. (IST), 12:00 noon (GST)= 1.30 p.m. (IST).

\*\*20% of the total available seats through CAET 2025 will be allocated to Top Performers in CAET session 1 examination. A further 30% seats would be allocated provisionally to the candidates in the next level of performance, subject to change after Session 2. The final seat allocation will be done on the basis of the combined merit list and the filled choices after the Session 2 examination.

**9. Declaration of Results**

The answer keys for the examination and the recorded responses of the candidates 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 by the candidates within the time period specified above. 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.

Provisional CAET scores would be announced after Session 1 examination for allocation of seats to top performers (20% seats) and provisional allocation to the next level performers (30% seats). Final CAET scores and final merit lists would be announced after Session 2 examinations for final allocation of seats and branches. Details of the method of calculation of Provisional and Final CAET scores is given in Annexure V.

## 10. Rank Lists

A separate **Final Merit List/Ranking** would be prepared on the basis of Final CAET scores, for the following two categories of nationalities of candidates (See section 3 for definitions of these categories):

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

## 11. Seat Allocation and Distribution

The distribution for total seats is as follows:

1. One-third of the total UG seats would be allotted through the JEE (Advanced) 2025 and JOSAA portal.
2. Two-thirds of the total UG seats would be allotted through CAET 2025 for the UAE Nationals and Indian Expatriates / International Candidates. For candidates selected through CAET 2025, seat allocation will be through a separate portal <https://abudhabi.iitd.ac.in>.
  - a. 50% of the total seats available through CAET 2025 will be allotted to the top performing candidates after the Session 1 of CAET 2025.
  - b. Final **Merit List/Ranking** will be prepared for the two categories of nationalities Candidates after Session 2 of CAET 2025, based on Final CAET score (see Annexure V).
  - c. Allotment of seats and branches will be based on the overall ranking in the respective category of nationalities and their choices after Session 2 of CAET 2025.

**Please Note: If you are not offered a seat after Session -1, you may appear for the Session 2 examination to improve your score.**

## 12. Seat Reservation

Seat allocations through JEE Advanced / JoSAA would be subject to all regulations of reservations applicable to candidates through these processes.

Seat allocations through CAET 2025 and the IITD – Abu Dhabi admissions portal would be governed by the policies of the UAE government.

## 13. Disclaimer

The decision of the admission committee will be final in all matters related to CAET 2025 and admission to the IIT Delhi Abu Dhabi campus for the A. Y. 2025-26. Any legal matter regarding CAET 2025 is to be governed by the laws of the Abu Dhabi Global Market.

## 14. Contact Details

For application / examination related queries, please contact Email to: [Admissions](mailto:Admissions) or call at +971 2 495 8510.

Candidates may also contact the JEE-CAET office of IIT Delhi at [jeechair@admin.iitd.ac.in](mailto:jeechair@admin.iitd.ac.in) or [jeevchair@admin.iitd.ac.in](mailto:jeevchair@admin.iitd.ac.in) or call at office +91-11-2659-1734/35.



**Annexure I**  
**Syllabus for CAET 2025**

**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  $\Delta H$ , Enthalpy of Chemical Reactions, Calorimetry, Thermochemical Equations, Standard Enthalpy of Formation and Reaction, Second and Third Laws of Thermodynamics, Entropy Changes ( $\Delta S$ ), Gibbs Free Energy Changes  $\Delta G$ , Factors Affecting Gibbs Free Energy  $\Delta G$ .

**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: out of given 4 options only one is correct (MCQ): (4, 0, -1)
2. SINGLE DIGIT NON-NEGATIVE INTEGER: a question having a non-negative numeric single digit INTEGER i.e. answer will be any of the 10 following digits 0 to 9: (SDI): (4, 0, 0)
3. Paragraph based MCQ : out of given 4 options only one is correct (PBQ): (4, 0,-1)

Examples: Please See the Sample Question Papers in CAET 2025 website.

**Annexure III**

**Important instructions to be followed on the day of the examination**

1. Candidates **MUST** carry a printed copy of the downloaded Test card/ 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, 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.
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 which could be used for unfair means, or for hiding communication devices like a microchip, camera, bluetooth device, etc., is **NOT** permitted.
8. Candidates will not be allowed into centre once the examination Started.
9. Candidates will not be allowed to leave the examination centre before the end of the examination. In case of medical emergency, student 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 additional time and are also eligible to avail of the service of a scribe. In addition, for CAET 2025 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 2025.
4. The scribe will help the candidate only in reading the questions and/or darkening the oval in 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 XI 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 transformed into a score ranging from 35 to about 100. This score and 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 2025 examination. The calculation procedure for Provisional CAET (PCAET) score is described below.

- a) The following parameters are calculated:
  - (i) the mean,  $\mu$  of marks of all candidates who appeared for the examination in session 1 of CAET 2025 and
  - (ii) the standard deviation,  $\sigma$ , of positive marks of all the candidates who appeared for the examination in session 1 of CAET 2025.
- b) The qualifying score for the session 1 is calculated:  
The qualifying score  $M_q = \min(84, \mu + \sigma)$
- c)  $\overline{M}_t$ , 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:

$$\text{PCAET} = S_q + (S_t - S_q) \frac{M - M_q}{\overline{M}_t - M_q}$$

**Final CAET Score, FCAET :**

After all sessions of CAET 2025 are completed, the marks of each candidate is normalised based on the mean of aggregate marks  $\mu^g$  and standard deviation  $\sigma^g$  of positive aggregate marks of all candidates appearing in all sessions of CAET 2025, as follows:

- a) The global qualifying score  $M_q^g$  is calculated as follows:  
 $M_q^g = \min(84, \mu^g + \sigma^g)$

- b)  $\bar{M}_t^g$ , 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:

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

where  $\bar{M}_{ti}$  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:

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

### 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:

- 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\*.
- 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.
- 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 etc.