TG ICET / TS ICET Syllabus with Weightage

Check Complete Subject, Topics and Section Wise Syllabus with weightage

Telangana State Integrated Common Entrance Test for MBA and MCA

Section	Subject	Page No.
Section A	Analytical Ability	2
Section B	Mathematical Ability	3
Section C	Communication Ability	4

TSICET – 2024

Telangana State Integrated Common Entrance Test for MBA and MCA
Conducted by Kakatiya University, Warangal on behalf of TSCHE, Hyderabad

SYLLABUS OF TSICET - 2024

(General Information: 200 Questions: 200 Marks: Time 150 minutes)

Section-A: Analytical Ability
75 Questions (75 Marks)

1. Data Sufficiency *(20 Questions and 20 Marks)*

A question is given followed by data in the form of two statements labeled as I and II. If the data given in I alone is sufficient to answer the question then choice (1) is the correct answer. If the data given in II alone is sufficient to answer the question then choice (2) is the correct answer. If both I and II put together are sufficient to answer the question but neither statement alone is sufficient, then choice (3) is the correct answer. If both I and II put together are not sufficient to answer the question and additional data is needed, then choice (4) is the correct answer.

Q. No. 1 to 15 to be of mathematical in flavor and

Q. No. 16 to 20 may be verbal in nature.

2. Problem Solving *(55 Questions and 55 Marks)*

a) Series: *(25 Questions and 25 Marks)*
   i. Analogies of Numbers and Alphabets including completion of blank spaces in a:b::c:d relationships (Questions containing only letters OR questions containing letters and numbers together should be given.)
   ii. Odd things out (The data should contain more number of terms at least seven, followed by four options).
   iii. Missing Numbers in a sequence or a series (At least seven terms should be given in the hypothesis to arrive at a unique answer).

b) Data Analysis: *(10 Questions and 10 Marks)*
   i. Table / Graph to be analyzed for answering the questions
   ii. Bar Diagram/ Pie Chart to be analyzed for answering the questions
   iii. Venn Diagram or a passage to be analyzed for answering the questions

c) Coding and Decoding Problems: *(10 Questions and 10 Marks)*
   i. A Code Pattern of English alphabet (Group Comprehension)
   ii. A Word or a group of letters to be coded or decoded based on certain codes

d) Date, Time & Arrangement Problems: *(10 Questions and 10 Marks)*
   Calendar problems, clock problems, blood relationships, arrivals and departures schedules, seating arrangements, symbols and notation interpretation.

Section -B: Mathematical Ability
75 Questions (75 Marks)

I. Arithmetical Ability *(35 Questions and 35 Marks)*

Laws of indices, ratio and proportion; surds; numbers and divisibility, *L.C.M.* and *G.C.D*, Rational numbers, Ordering; Percentages; Profit and loss; Partnership, Pipes and cisterns, time and distance, time and work problems, areas, volumes, mensuration and modular arithmetic.

II. Algebraical and Geometrical Ability *(30 Questions and 30 Marks)*

Sets, Polynomials, Remainders theorem & Consequences, Linear Equations in two Variables, Algebraic expressions, Arithmetic and Geometric progressions, Trigonometric ratios of angles (0°, 30°, 45°, 60°, 90°, 180°), Trigonometric identities, Heights and Distances, Plane geometry of Lines and Triangles, Plane geometry of Quadrilaterals, Plane geometry of Circles, Coordinate geometry- Distance between two points - Coordinate geometry - Section formula, slope of a line, Lines $y=mx$, Lines $y=mx+c$ and Lines $y - y_1=m (x-x_1)$.

III. Statistical Ability: *(10 Questions and 10 Marks)*

Mean, Median, Mode and simple problems on Probability.

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Section-C: Communication Ability
50 Questions (50 Marks)

Candidates will be assessed on the ability to:

1. Identify vocabulary used in the day-to-day communication.

2. Understand the functional use of grammar in day-to-day communication as well as in the business contexts.

3. Identify the basic terminology and concepts in computer and business contexts (letters, reports, memoranda, agenda, minutes etc.).

4. Understand written text and drawing inferences.

Part 1: **Meanings** (sentences with dashes)

Part 2: **Synonyms and Antonyms**

Part 3: **Verb** (Tense & Voice)

Part 4: **Phrasal Verbs & Idioms**

Part 5: **Articles & Prepositions**

Part 6: **Computer Terminology**

Part 7: **Business Terminology**

Part 8: **Comprehension** (three) passages (Each passage carries five questions)