Manipal Entrance Test (MET) 2023 Syllabus

Program	Institute
M.Sc. Data Science	Prasanna School of Public Health (PSPH), Manipal

MET 2023 Details

- Test Duration: 60 minutes
- Total Questions: 60 questions
  - Mathematics (15 Qs), Basic Statistics (15 Qs), Programming (10 Qs), Aptitude (10 Qs) & English (10 Qs)
- Max Marks: 240
- Marking Scheme: + 4 for every correct answer, -1 for every wrong answer and 0 for every unattempted question
- No. of Attempts: 1
- Schedule & Mode: Refer https://manipal.edu/met for updates

MATHEMATICS

Set Theory, Sequences & Series of Real Numbers, vectors & matrices, Functions & Relations, Linear Algebra, Determinants, Numerical Methods, Limits & Continuity, Differentiation, Integration, Straight Lines, Differential Equations, Quadratic Equations, Complex Numbers, Trigonometric Functions

BASIC STATISTICS

Descriptive Statistics, Permutation & Combination, Probability & Distributions, Variables & Data Classifications, Data Visualization

PROGRAMMING

Loops, Conditional Statement, Object Oriented Programming (OOP), Functions, Debugging

APTITUDE

Coding & Decoding, Seating Arrangement, Logical Reasoning, Blood Relations, Direction Test, Syllogism Questions, Puzzles, Figure Formation & Analysis, Series

ENGLISH

The test of English Language for the entrance examination covers 'General English' of the 10 + 2 Level. It is designed to test student's ability to grasp the fundamental concepts in English language, grammar and usage. Proficiency in English language is tested through objective-type multiple-choice questions on grammar (tenses, subject verb agreement, articles, prepositions, use of question tags, sentence structures, and use of linkers), and vocabulary (synonyms, commonly confused pair of words, one-word substitutions, idioms and phrases, and usage). Students are not required to learn the glossary of complicated grammatical jargon, but should have the primary knowledge of word usage, matching of subject and verbs, correct usage of tenses, and grammatically correct sentences acceptable in standard written communication.

The syllabus will include the following areas:

- Tense – Use of proper tense and sequence of tense
- Subject – verb concord
- Pronouns and Determiners / Use of proper articles / Prepositions
- Linkers: Appropriate use of linkers and conjunctions in a sentence
- Sentence structure: Clauses of condition and time, Relative clauses, Fragments
- Usages in English: standard usages / Idioms and phrases
- Synonyms / Question tags
- One-word substitutions
- Commonly confused pair of words
- Sentence completion

♣ Best of Luck ♣

Updated: 11.30 AM, Oct 23, 2022