

# R.D. & S.H. National College & S.W.A. Science College

Smt. Jotu Kundnani Chowk, Off Linking Road, Bandra (W), Mumbai 400050

## M.Sc. (DATA SCIENCE) – Part I

### CET Details

Common Entrance Test (CET)	<b>Saturday, 13<sup>th</sup> June 2026</b> <i>(further details will be notified on the website)</i>
Declaration of CET Result	<b>Monday, 15<sup>th</sup> June 2026 (11:00 am)</b>

### Test Scheme & Syllabus for Common Entrance Test for Masters in Data Science

Total Questions	40 MCQ's of 1½ marks each
Test Duration	60 Minutes
Total Marks	60

*Note: There will be no negative marking in this examination.*

### **Syllabus**

<b>1.</b>	<b>Section – English</b>
a	English comprehension
b	Vocabulary knowledge/an appropriate usage of a word/correct forms of words
<b>2.</b>	<b>Section - General knowledge</b>
a	Questions on History, Culture, literature, Civics & Politics, Sports, Environmental science, Technology, Behavioural science & Psychology
<b>3.</b>	<b>Section - Logical Ability</b>
a	Analogy, sequence, blood relations, predicate logic, and propositional logic
<b>4.</b>	<b>Section - Mathematics</b>
a	Matrices and Determinants
b	Lattice theory and linear algebra
c	Differentiation and integration
d	2-D and 3-D geometry
e	Numerical methods
<b>5.</b>	<b>Section - Statistics</b>
a	Elementary statistics: Aggregation and measure of central tendency
b	Probability and Random numbers
c	Discrete and continuous probability distributions
d	Hypothesis testing
e	Operations research
<b>6.</b>	<b>Section - Computer Science</b>
a	Algorithms and data structures
b	Operating environments and operating systems
c	Programming and software engineering
d	Finite state machines
e	Networking and databases

**Admission Process will be based on the CET thereafter**