

**PhD Admission Test Fall 2025**  
**National University of Computer and Emerging Sciences**

1. The PhD Admission Test will be a 2-hours test with no negative marking;
2. The composition of Tests/Interviews at different domains are as follows:

<p style="text-align: center;"><b>PhD (Computer Science)</b></p> <p>Test Date     26<sup>th</sup> Jul, 2025 (<b>Saturday</b>)</p> <p>Duration     2-hours</p> <p>Description   MCQs</p> <p style="text-align: center;"><b>Test Core Areas (Section-A)</b></p> <p>Programming</p> <p>Data Science and Algorithms</p> <p>Computer Networks</p> <p>Operating Systems</p> <p>Database Systems</p> <p>Software Engineering</p> <p>Theory of Automata</p>	<p style="text-align: center;"><b>PhD (Management Sciences)</b></p> <p>Test Date     26<sup>th</sup> Jul, 2025 (<b>Saturday</b>)</p> <p>Duration     2-hours</p> <p>Description   MCQs</p> <p style="text-align: center;"><b>Test Core Areas (Section-A)</b></p> <table> <tr><td>Economics</td><td>10</td></tr> <tr><td>Management</td><td>15</td></tr> <tr><td>Quantitative Techniques</td><td>15</td></tr> <tr><td>Research Methods</td><td>15</td></tr> <tr><td>Marketing</td><td>15</td></tr> <tr><td>Finance and Accounting</td><td>10+10</td></tr> <tr><td>Business Communication and Report Writing</td><td>10</td></tr> </table> <p style="text-align: center;"><b>Section-B</b></p> <p>Duration     1-hour</p> <p>Description   the applicants will be required to write an essay or answer a subjective question</p>	Economics	10	Management	15	Quantitative Techniques	15	Research Methods	15	Marketing	15	Finance and Accounting	10+10	Business Communication and Report Writing	10		
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<p style="text-align: center;"><b>PhD (Electrical Engineering)</b></p> <p>Test Date     26<sup>th</sup> Jul, 2025 (<b>Saturday</b>)</p> <p>Duration     2-hours</p> <p>Description   MCQs</p> <p style="text-align: center;"><b>Test Core Areas (Section-A)</b></p> <p>Signals, Systems and Controls</p> <p>Electrical Circuits and Network Analysis</p> <p>Probability and Random Variables</p> <p>Electromagnetics and Telecommunications</p> <p>Electromechanical Systems and Power Engineering</p> <p>Electronics</p> <p>Digital Logic Design and Computer Engineering</p> <p>Computing, Programming and Data Structures</p>	<p style="text-align: center;"><b>PhD (Mathematics)</b></p> <p>Test Date     26<sup>th</sup> Jul, 2025 (<b>Saturday</b>)</p> <p>Duration     2.5-hours</p> <p>Description   MCQs</p> <p style="text-align: center;"><b>Test Core Areas (Section-A)</b></p> <table> <tr><td>Calculus</td><td>50%</td></tr> <tr><td>Algebra</td><td>25%</td></tr> <tr><td>Introductory Real Analysis</td><td></td></tr> <tr><td>Discrete Mathematics</td><td></td></tr> <tr><td>General Topology</td><td>25%</td></tr> <tr><td>Probability and Statistics</td><td></td></tr> <tr><td>Numerical Analysis</td><td></td></tr> <tr><td>Complex Analysis</td><td></td></tr> </table>	Calculus	50%	Algebra	25%	Introductory Real Analysis		Discrete Mathematics		General Topology	25%	Probability and Statistics		Numerical Analysis		Complex Analysis	
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**PhD English (Linguistics)**

Test Date 26<sup>th</sup> Jul, 2025 (**Saturday**)

Duration 2-hours

Description MCQs

**Test Core Areas (Section-A)**

General Linguistics

Phonetics and Phonology

Morphology and Syntax

Semantics and Pragmatics

Sociolinguistics and Applied Linguistics

Research Methods in Linguistics

**Section-B**

Duration 1-hour

Description The applicants will be required to write an essay or answer a subjective question related to theoretical or applied aspects of linguistics.

**Note:**

1. Applicants will be called for an interviews after reviewing the marks of **Section-A**;
2. The final merit will be calculated by adding the marks of **Section-A**, **Section-B\*** and the interview marks; and
3. Admissions will be offered based on the availability and consent of supervisors.

\* Applicable for PhD (Management Sciences only)