

ITU Graduate Admission Test for MS in Data Science

Total test time = 150 min (2.5 hours)

Paper Pattern (Total MCQs: 100)		
No.	All Compulsory Section	MCQs
1.	English	15
2.	Analytical	20
3.	Maths	10
4.	Computer Science Core areas	55
	(i) Basic Programming & OOP	
	(ii) Data Structures	
	(iii) Databases	
	(iv) Operating Systems	
	(v) Computer Networks	
	(vi) Computer Architecture	
	(vii) Artificial Intelligence	
	(viii) Algorithms	
	(ix) Theory of Automata	

Instructions

1. Use of calculators, mobile phones, smart watches and other electronic devices are not allowed.
2. Please make sure your question paper contains **20 printed sides**.
3. You must mark your answers **ONLY** on the answer sheet using the provided ballpoints. Use of pencil on the answer sheet is **NOT** allowed.
4. Be sure that each mark is dark and completely fills the intended space as illustrated in the following example where option **B** is selected: (A) (●) (C) (D) (E)
5. There is **no negative marking**. You are encouraged to attempt all MCQs.
6. You must choose only one answer for each question.
7. You may use the question paper for rough work.
8. You must write your name, CNIC, roll number and complete tracking ID clearly on the question paper.
9. You must mark your **Six Digit Numeric Roll Number** on the answer sheet by filling the appropriate circles. e.g. the roll number **063416** would be marked **from top to bottom** as:

N#	0	1	2	3	4	5	6	7	8	9
0	●	○	○	○	○	○	○	○	○	○
6	○	○	○	○	○	○	●	○	○	○
3	○	○	○	●	○	○	○	○	○	○
4	○	○	○	○	●	○	○	○	○	○
1	○	●	○	○	○	○	○	○	○	○
6	○	○	○	○	○	○	●	○	○	○