- Total number of relation on given set
- Total number of function on a given set
- Determine whether the given relation as reflexive, symmetric and transitive.
- Show that the given relation is an equivalence relation and find all equivalence class. 5marks 4s!
- Domain and range of a function.
- State whether the given function is bijective or not.
- Total number of equivalence relation and bijective functions.

Example: Q3, Q5, Q11

Execrise 1.1: Q1 (iii, iv), Q2, Q3, Q5, Q8, Q9, Q12, Q14, Q15

Execrise 1.2: Q3, Q4, Q5, Q7, Q8, Q9, Q10

Miscellaneous: Q1, Q2, Q4

Chapter :- 2 (IT Functions)

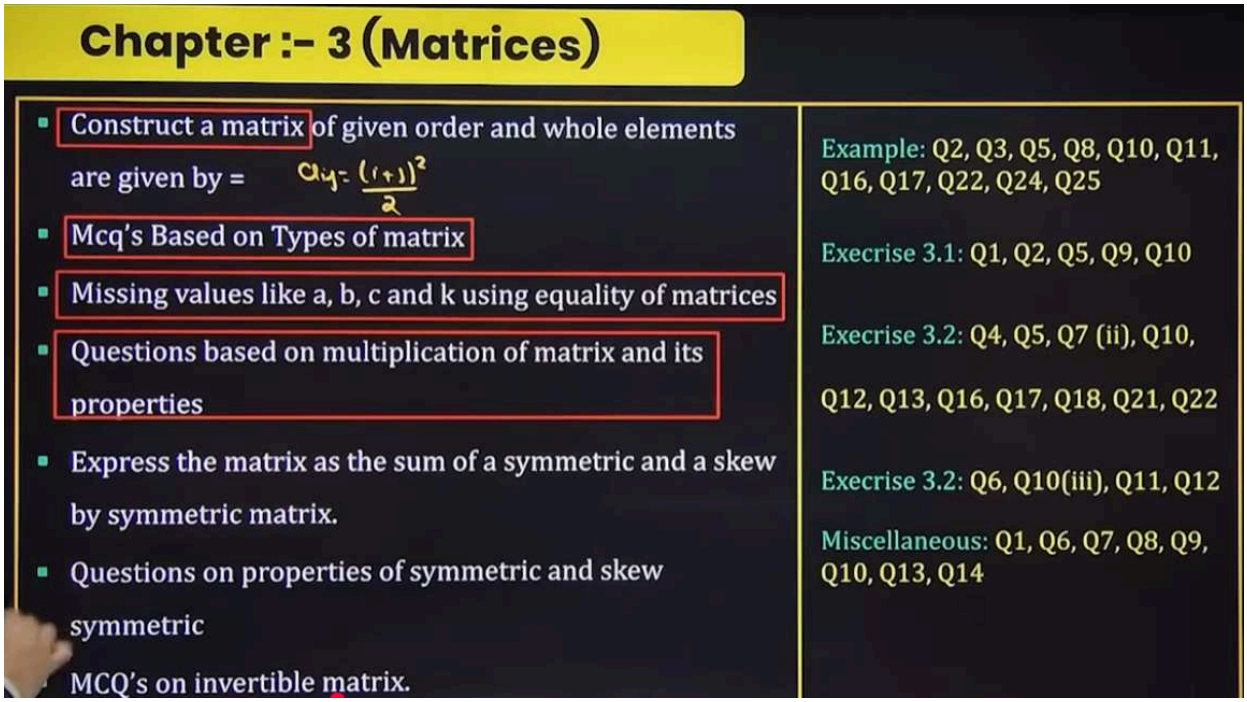
- Graph of inverse Trigonometric functions
- Finding principal value
- Express in the simplest form

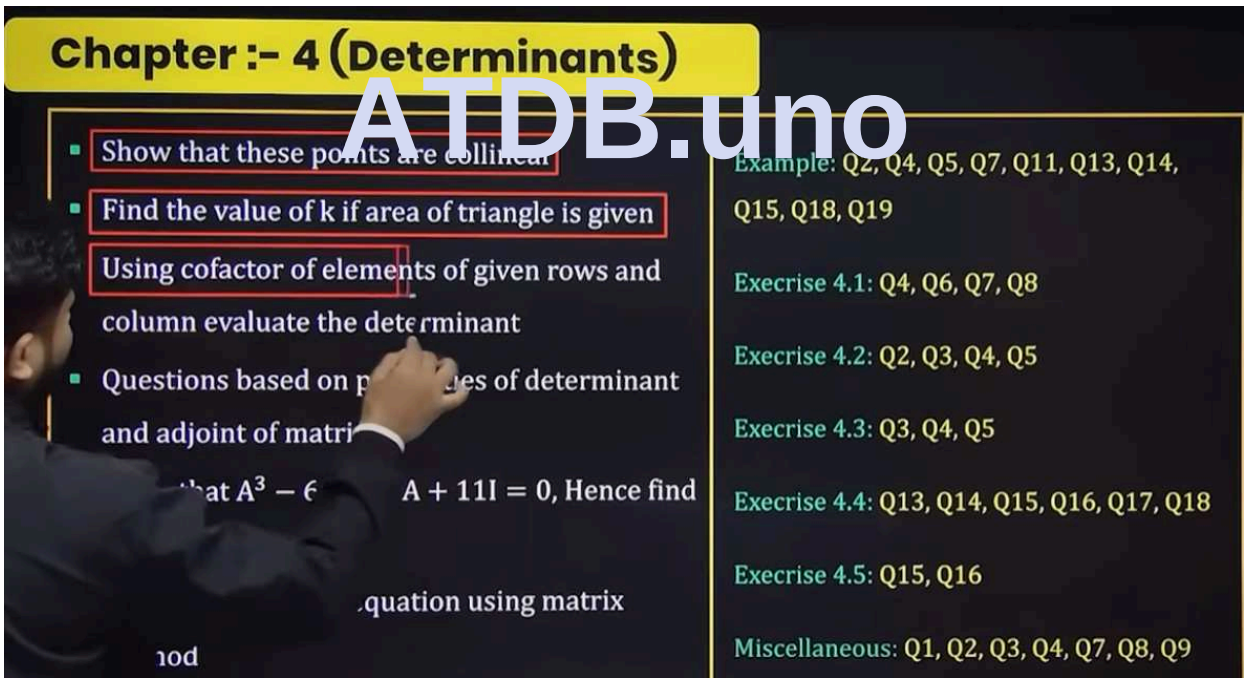
Example: Q2, Q3, Q4, Q6

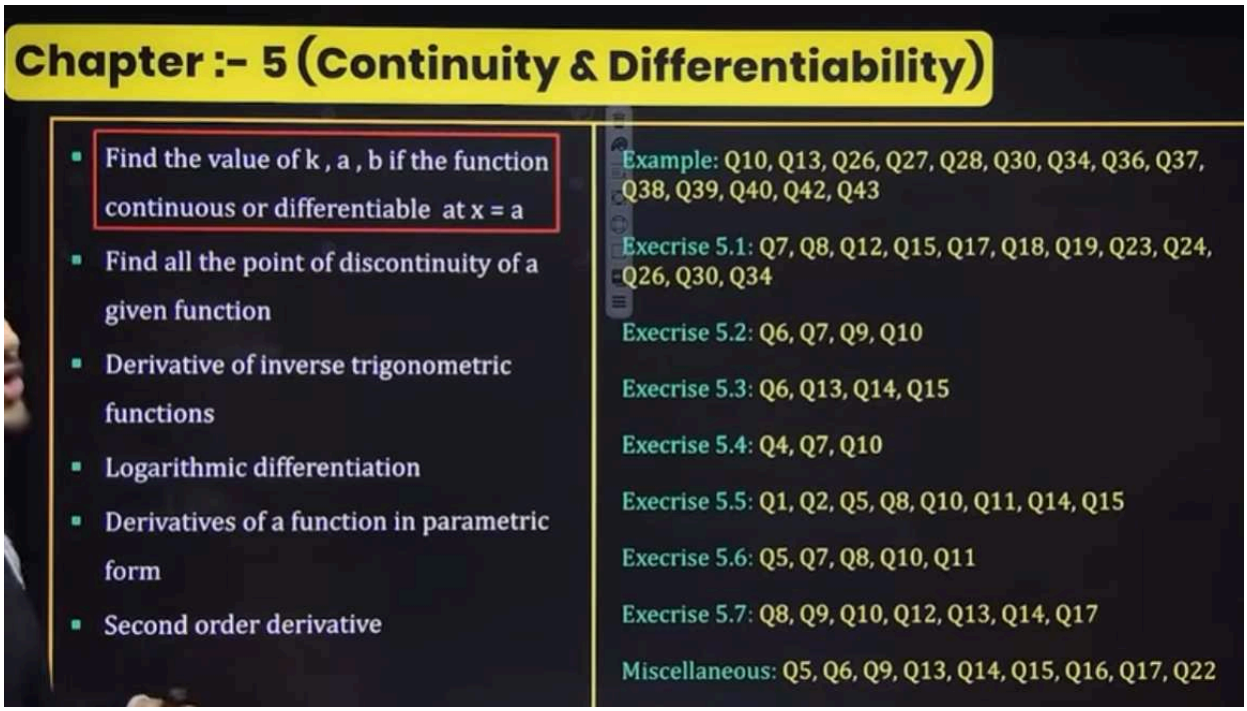
Execrise 2.1: Q11, Q12, Q13, Q14

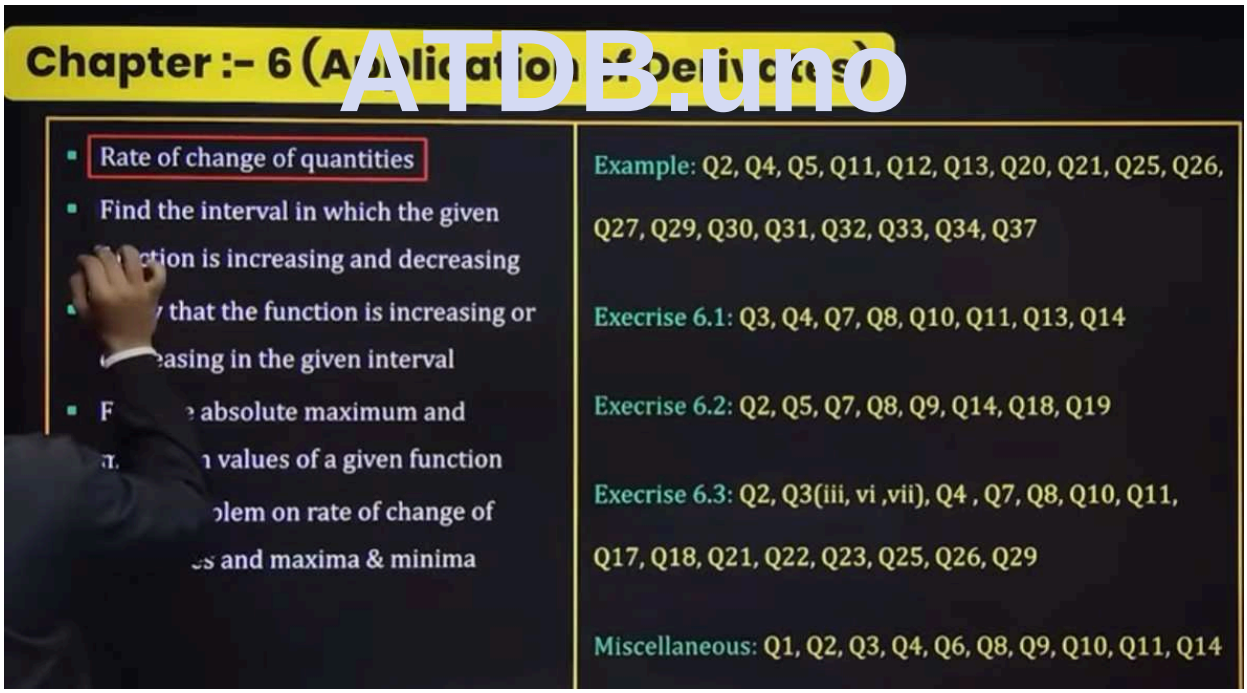
Execrise 2.2: Q4, Q5, Q7, Q8, Q9, Q11, Q13, Q15

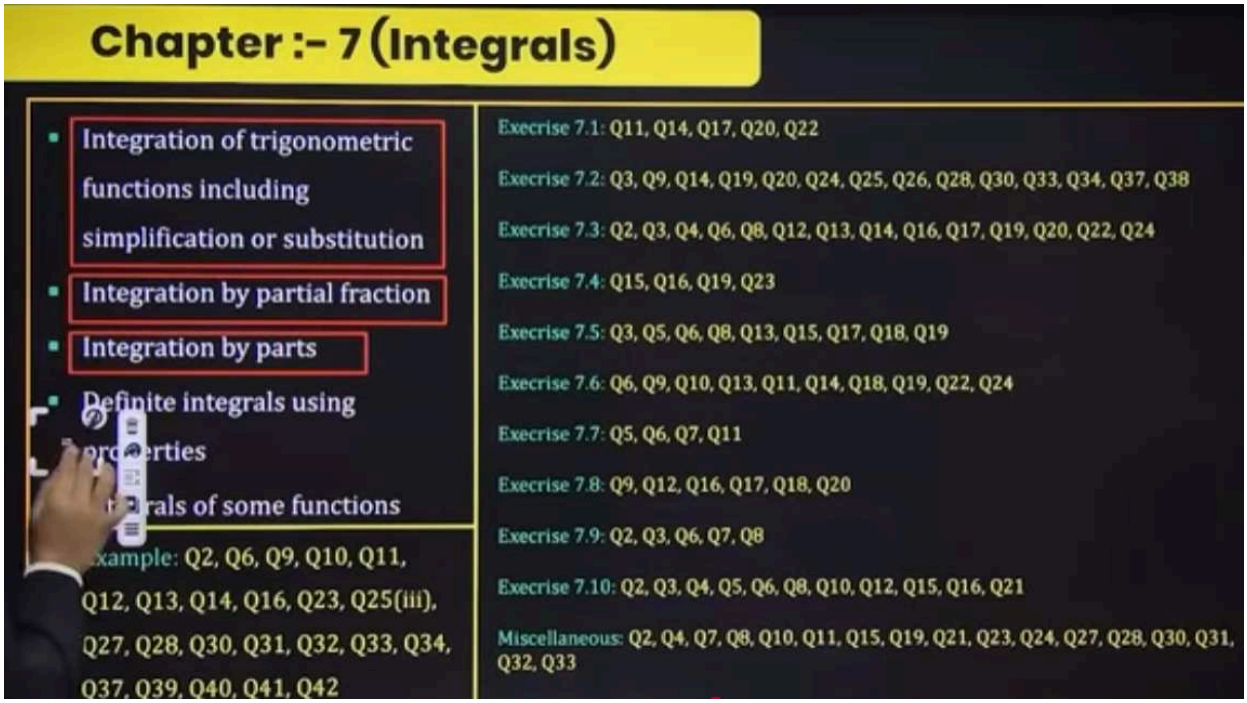
Miscellaneous: Q1, Q6, Q7, Q8, Q9, Q10, Q13, Q14

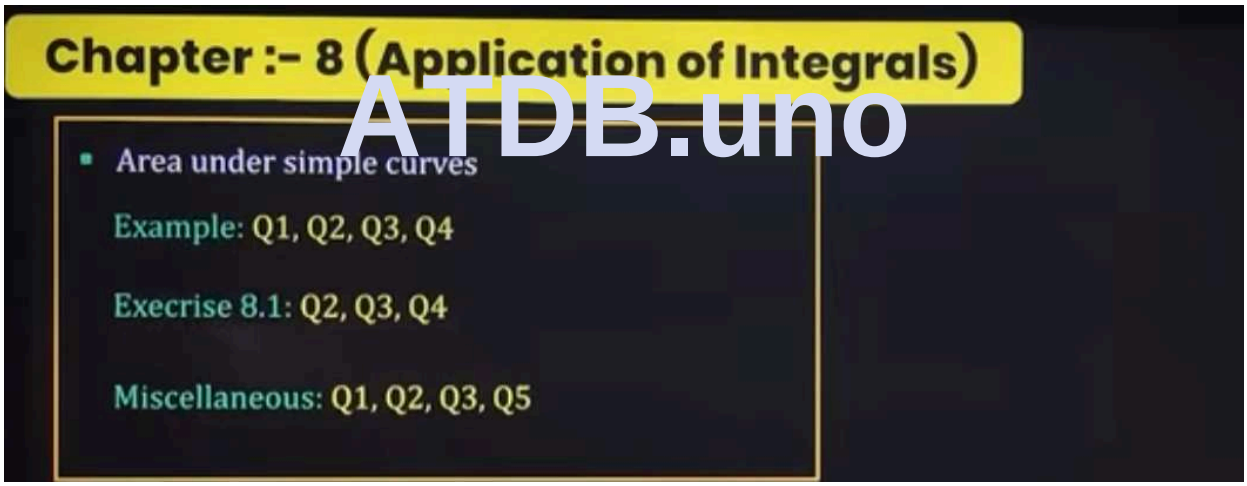


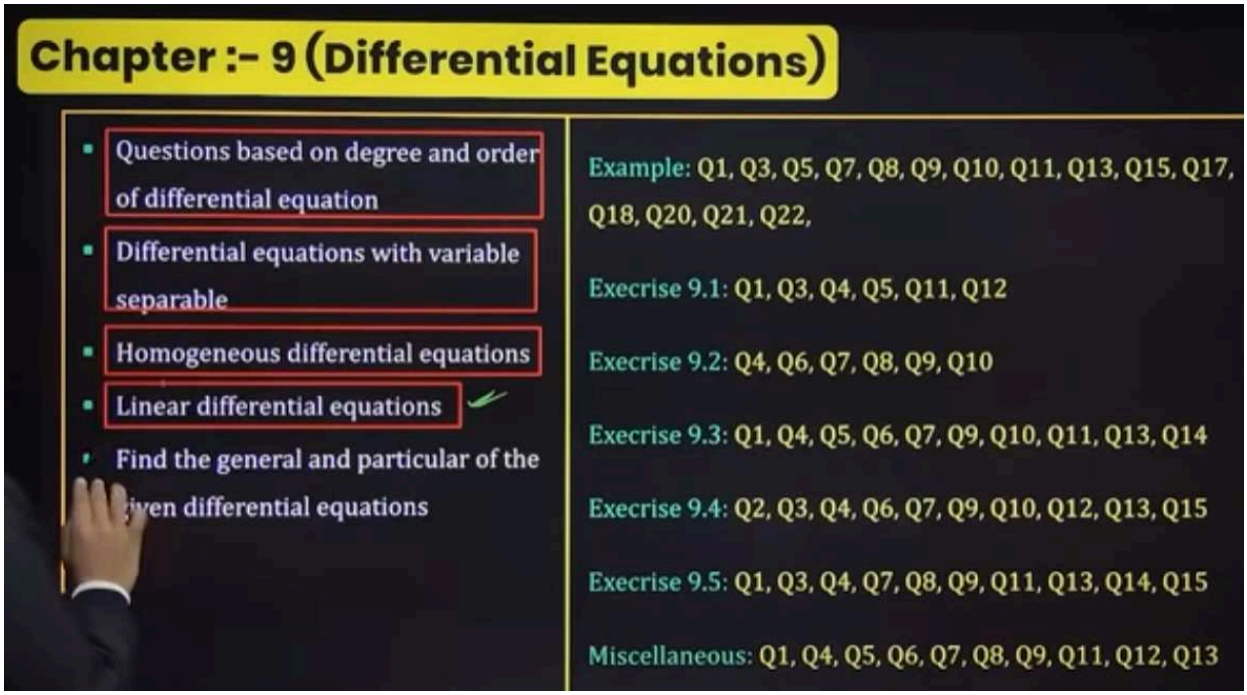


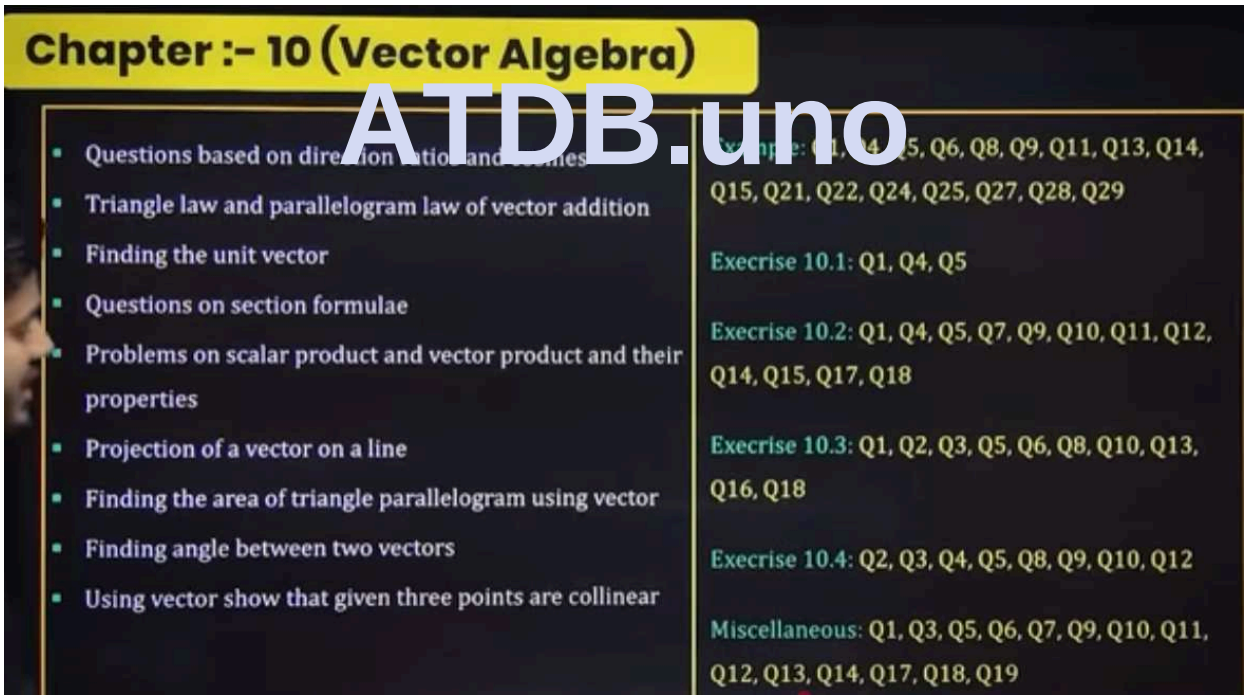


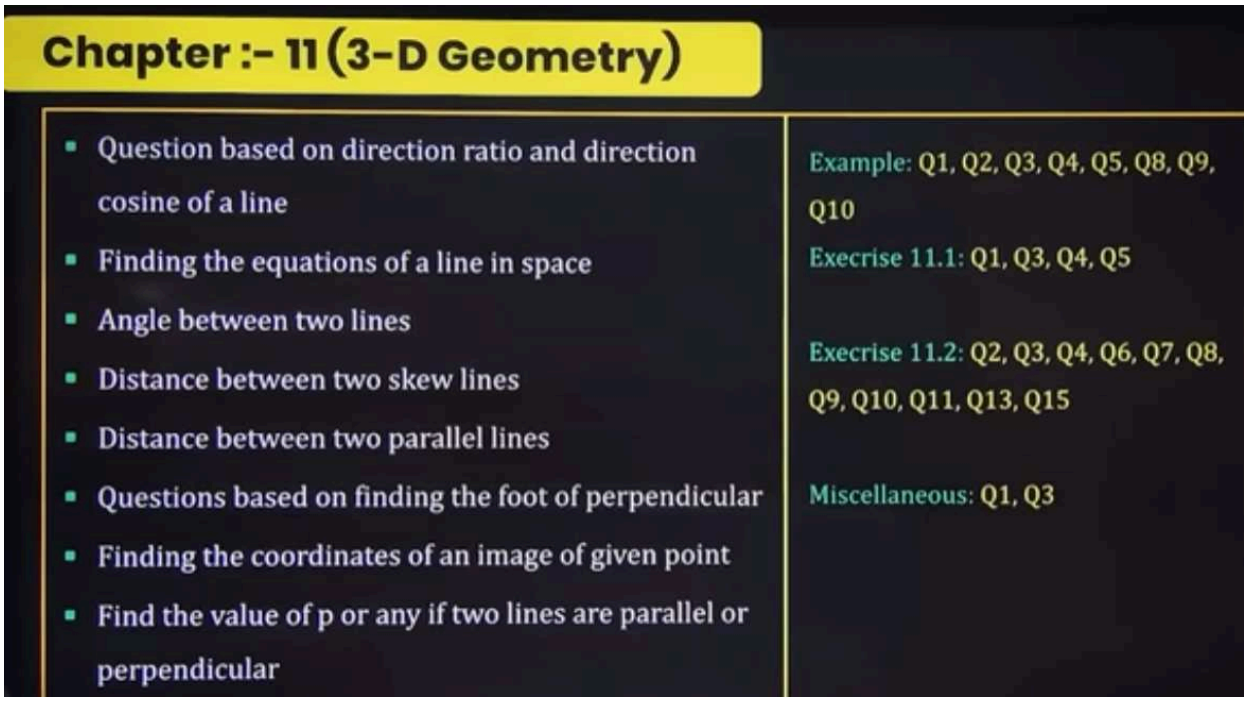


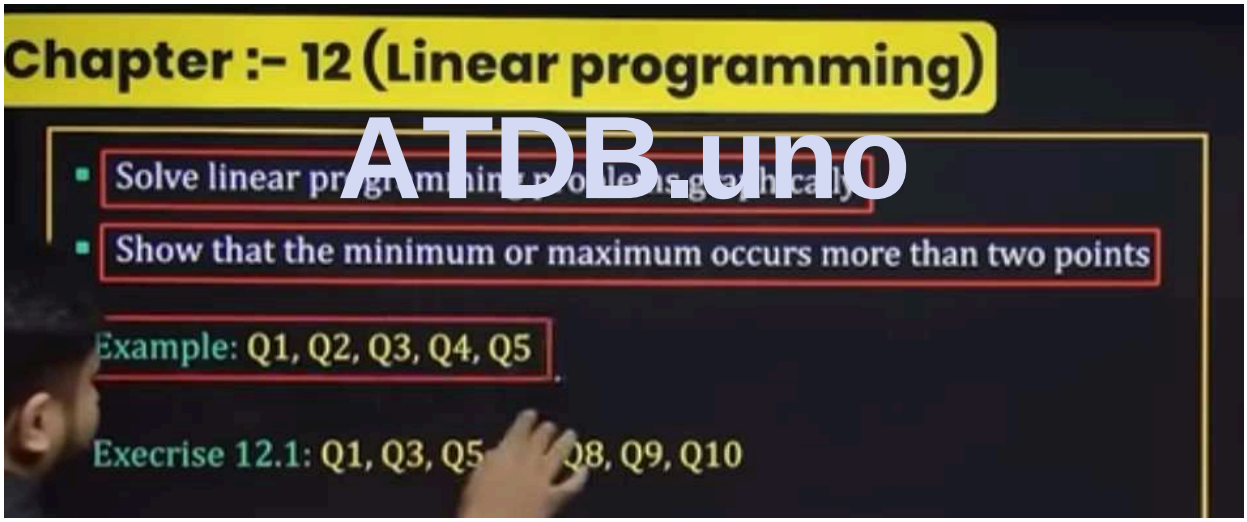


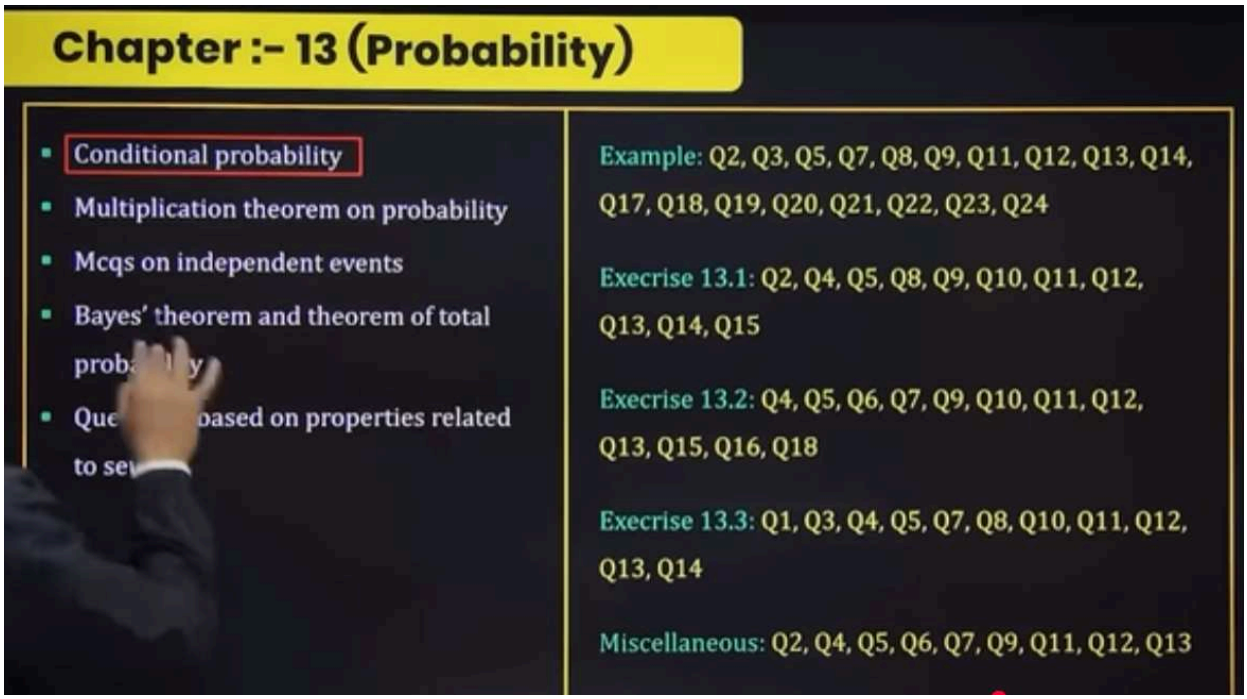












Chapter name	2023	2024	2025
Relations and Functions	5	5	5
Inverse Trigonometri unctions	3	3	3
Matrices	9	9	2
Determinants	1	1	8
Continuity and Differentiability	8	10	9
Application of Derivative	6	11	15
Integrals	11	4	5
Applications of integrals	5	6	4
Differential equations	5	4	2
Vectors algebra	7	5	6
3-D Geometry	7	9	8
Linear programming	5	5	5
Probability	8	8	8
Total marks	80	80	80