

SYLLABUS- MATHEMATICS

FOR 'AGNIPATH' RECRUITMENT SCHEME

Sr No	Topics Proposed for New Portal
1.	Sets , Relations and Functions
2.	Trigonometric Functions
3.	Inverse Trigonometric Functions
4.	Complex Numbers and Quadratic Equations
5.	Linear Inequalities
6.	Permutations and Combinations
7.	Binomial Theorem
8.	Sequences and Series
9.	Straight Lines and family of lines
10.	Circles and family of Circles
11.	Conic Sections
12.	Three-dimensional Geometry
13.	Matrices and Determinants
14.	Limit and Continuity
15.	Differentiation
16.	Application of Derivatives
17.	Indefinite Integrals
18.	Definite Integrals
19.	Application of Integrals
20.	Differential Equations
21.	Differential Equations
22.	Vectors
23.	Probability
24.	Statistics