

SYLLABUS
ASSISTANT STATISTICAL OFFICER
EXAM 2023

PAPER 1 (meant for Assistant Statistical Officer Total 100 marks-100 questions)

GENERAL APTITUDE (15 Marks) : General questions covering Hindi and English language, GK, Current Affairs, Numerical aptitude. History, Geography, Economics, Political Science etc. about Chhattisgarh.

MATHEMATICS (15 Marks): Algebra, differential and integral calculus, coordinate geometry of two dimension, Numerical methods.

GENERAL STATISTIC (20 Marks): STATISTICS Central Tendency, Simple problem in probability, conditional probability, Binomial distribution, Simple problem in correlation and regression.

STATISTICS (50 Marks) : Partial correlation , Bays theorem (conditional probability). Normal, Chi square, t and F distributions, Simple non parametric test, point and interval estimation, Simple Random sampling-with and without replacement, systematic sampling (PPSWOR), Numerical Mathematical Analysis- Newton forward and backward interpolation, Lagranges interpolation, Ratio estimate, Bioinformatics, Demography, Statistical method for life Sciences, Statistical Ecology.

Official Statistics : Consumer price indices, wholesale price, Role of Central Statistics Office (CSO) National Statistics Survey Office (NSSO), Census and state economics and Statistics office.

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10 hr