

SYLLABUS OF THE COMPETITIVE EXAMINATION FOR THE POST OF COMPUTOR

Part -A

General Knowledge

1. **Geography, Natural Recourses and Socio- Economic Development of Rajasthan:** Major physiographic divisions of Rajasthan, Vegetation and Soil, Natural Resources - Minerals, Forest, Water, Livestock, Wild Life and its Conservation, Environmental Conservation, major Irrigation Projects, Handicrafts, Development Programmes and Schemes of the State Government, Various Resources of power and Population in Rajasthan.
2. **History, Culture and Heritage of Rajasthan:** History of Rajasthan, Famous Historical & Cultural Places of Rajasthan, Folk Literature, Folk Art, Folk Drama, Lok Devian-Devata, Folk Music and Dance, Fairs & Festivals, Customs, Jewellery, Famous Forts, Temples and Hawelies, Saints of Rajasthan, Paintings- various schools in Rajasthan, Major tourist centres and Heritage Conservation.
3. **Current Events and Issues of Rajasthan and India, major development in the field of Information Technology & Communication.**

Part-B

Statistics, Economics and Mathematics

1. Collection, Classification, Tabulation and Diagrammatic Presentation of data. Measures of Central Tendency, Dispersion, Moments.
2. **Correlation and Regression:** Correlation and its coefficients, Linear Regression.
3. **Design of Sample Survey:** Sampling Unit, Sampling frame, Sampling fraction, Sampling with and without replacement, Population Parameter and Sample estimator, Simple random sampling, stratified random sampling, systematic sampling, cluster sampling.
4. **Time Series Analysis:** Components, Measurements of Trend, Seasonal, Cyclical and irregular variations.
5. **Index Number:** Uses, types and limitations of index numbers, construction of index numbers, simple and weighted aggregate method, Simple and weighted average price-relatives, Chain base index numbers, Base shifting, Cost of Living index numbers.

6. **Vital Statistics:** Collection of vital statistics-Measures of Mortality and Fertility rates, Population growth.
7. **Statistical System & Statistical Organization in India & Rajasthan:** System of National Accounting (SNA), Ministry of Statistics and Programme Implementation (MoS&PI), Central Statistical Office (CSO), National Sample Survey Organisation (NSSO), Registrar General of India (RGI), NITI AYOOG, Reserve Bank of India (RBI) and Directorate Economics & Statistics, Rajasthan (DES).
8. **Economic Concepts:** Law of Demand and Supply, Concept of elasticity, Demand forecasting, Price determination under different markets, National Income, Economic Growth and Planning, Inflation, Money, Banking and Financial Inclusion .
9. **Economy of Rajasthan:** Agriculture, Industry, Livestock, Infrastructure Development, Public Finance, State Income, Poverty, Unemployment and Human Development.
10. **Elementary Mathematics:** Decimal fraction, percentage, Rates & ratio, Averages, Simple and compound interest, Square roots.
11. **Basics of Computer:** MS Word, MS Excel and Power Point Presentation, Basic Knowledge of Internet.

