RAJASTHAN PUBLIC SERVICE COMMISSION, AJMER
SYLLABUS FOR SCREENING TEST FOR THE POST OF
TOWN PLANNING ASSISTANT
TOWN PLANNING DEPARTMENT

Unit I- Basic Mathematics
- Units of Measurement
- Conversion from one unit of measurement to another.
- Traditional units of measurement used in revenue maps.
- Calculation of perimeter, area and volumes
- Calculation and relationships of fractions, decimals and percent

Unit II- Drawing and Surveying
- Symbols and conventions of Architectural and Town Planning drawings.
- Understanding of Cartography, contours, levels etc.
- Basic equipment and instruments used for Surveying, Total Station.
- Reading of building drawings- plans, elevations, sections, three dimensional views.
- Reading of Revenue Maps.
- Land use, colour schemes and symbols used in preparation of Master Plans in Rajasthan.

Unit III- Architecture and Town Planning
- General awareness about architecture and town planning of cities of Rajasthan.
- Components of building.
- Basic understanding of layout, functioning and components of sanitary, plumbing, electrical & other services in town planning and housing schemes
- Solid Waste Management as applicable to residential schemes and cities
- Awareness about different housing schemes of Government of India & State of Rajasthan
- Terminology related to 'Smart Cities'.
- Awareness of Sustainable Development,
- Building & Development Regulations:
    - set-backs, permissible heights, ground coverage, built up area, super built up area etc
    - FAR/FSI,
    - Parking requirements
    - Fire-Fighting provisions

- o Water Harvesting
- o Plot sizes for different categories like, EWS, LIG, MIG, HIG, etc.
- o Road right of ways, road cross-sections.

Unit IV- Computer Aided Design and Computer Application

- CAD
  - o Features of CAD.
  - o Coordinate systems used in CAD and dimensioning.
  - o Drafting, Editing and Dimensioning commands for 2D.
  - o Changing properties of drawings such as line type, line weight, colours.
  - o Managing layers.
  - o Calculation of Area, volumes.
  - o Connecting from one file format to another.
  - o Taking printouts using drawing plotter.
- Computer applications for graphics and Photo editing.
- General awareness of Computer hardware and its components.
- Computer applications for word processing, presentation and spreadsheet. (MS Word, Power point, Excel or similar software).

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Pattern of Question Papers:
1. Objective Type Paper
2. Maximum Marks : 100
3. Number of Questions : 100
4. Duration of Paper : Two Hours
5. All Questions carry equal marks
6. There will be Negative Marking

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