

Scheme of Examination.

There shall be one paper. The marks and time allowed for each section of paper shall be as under:

	Name of Paper	Questions	Marks	Time
(i)	Section A- General awareness & Aptitude Test-			3 Hours
	(a) General Knowledge of Rajasthan and its History , Art & Culture, Literature, Monuments, Heritage, Geography, Traditions, etc.	30	90	
	(b) Every day Science, General Aptitude e.g. History, Maths., innovation, Indian and International events etc.	30	90	
(ii)	Section-B – Regarding Town Planning	90	270	

Note:

- 40% shall be pass marks for the exam.
- Senior Secondary Level will be the standard of the Section –A of paper.
- The pattern of question paper will be Objective Type (MCQ).
- Maximum Marks and Negative Marking-The maximum marks of the paper will be 450. For every correct answer 3 marks will be awarded and for every incorrect answer 1 marks will be deducted.

SYLLABUS

On-Line Examination

Section - A

General awareness & Aptitude Test-

(a) General Knowledge and Current Affairs relating to Rajasthan,

(राजस्थान का इतिहास, कला एवं संस्कृति, साहित्य, परम्पराएँ एवं विरासत)	
1.	राजस्थान के इतिहास के प्रमुख स्रोत
2.	राजस्थान की प्रमुख प्रागैतिहासिक सभ्यताएँ
3.	राजस्थान के प्रमुख राजवंश एवं उनकी उपलब्धियाँ
4.	मुगल-राजपूत संबंध
5.	स्थापत्य कला की प्रमुख विशेषताएँ
6.	महत्वपूर्ण किले, स्मारक एवं संरचनायें
7.	राजस्थान के धार्मिक आंदोलन एवं लोक देवी-देवताएँ
8.	राजस्थान की प्रमुख चित्रकलाएँ, बोलियाँ एवं हस्तशिल्प
9.	राजस्थानी भाषा एवं साहित्य की प्रमुख कृतियाँ, क्षेत्रीय बोलियाँ
10.	मेले, त्यौहार, लोक संगीत, लोक नृत्य, वाद्ययंत्र एवं आभूषण
11.	राजस्थानी संस्कृति, परम्परा एवं विरासत
12.	महत्वपूर्ण ऐतिहासिक पर्यटन स्थल
13.	राजस्थान के प्रमुख व्यक्तित्व
14.	राजस्थान की रियासतें एवं ब्रिटिश संधियाँ, 1857 का जन-आंदोलन
15.	कृषक एवं जन-जाति आंदोलन, प्रजामंडल आंदोलन
16.	राजस्थान का एकीकरण
17.	राजस्थान का राजनीतिक जनजागरण एवं विकास- महिलाओं के विशेष संदर्भ में।

राजस्थान का भूगोल	
1. स्थिति एवं विस्तार	
2. मुख्य भौतिक विभाग:- मरुस्थलीय प्रदेश, अरावली पर्वतीय प्रदेश, मैदानी प्रदेश. पठारी प्रदेश	
3. अपवाह तन्त्र	
4. जलवायु	
5. मृदा	
6. प्राकृतिक वनस्पति	
7. वन एवं वन्य जीव संरक्षण	
8. पर्यावरणीय एवं पारिस्थिकीय मुद्दे	
9. मरुस्थलीकरण	
10. कृषि- जलवायु प्रदेश एवं प्रमुख फसलें	
11. पशुधन	
12. बहुउद्देशीय परियोजनाएँ	
13. सिंचाई परियोजनाएँ	
14. जल संरक्षण	
15. परिवहन	
16. खनिज संपदाएँ	
राजस्थान की राजनीतिक एवं प्रशासनिक व्यवस्था:-	
1. राजस्थान में स्थानीय, नगरीय प्रशासन	
2. 74वां संविधान संशोधन विधेयक	
3. राज्यपाल, राजस्थान विधान सभा, मुख्य मंत्री, जिला प्रशासन, लोकायुक्त	
4. राज्य मानवाधिकार आयोग	
5. राज्य सूचना आयोग	
6. राज्य निर्वाचन आयोग	
7. राजस्थान लोक सेवा गारन्टी अधिनियम, 2011	

(b) General Science, General Aptitude e.g. History, Maths., innovation, Indian and International events etc.:-

1. General Science:- General Science will cover General appreciation and understanding of Science including matters of everyday observations and experiences. Candidates are supposed to be familiar with matters such as electronics tele-communications, Satellites and elements of computers (both Hard & Soft Wares), research labs including CSIR managed national labs and institutes, Environment & pollution etc.
2. Current affairs:- Current events of State, National and International importance. National and International agencies and their activities. Games & Sports at State, National and International levels.
3. History & Culture:- Land Marks in the political and cultural history of India, Major monuments and literary works. Renaissance, struggle for freedom and national integration & Culture with special reference to:-
 - (a) The medieval background.
 - (b) Socio-economic life and organization.
 - (c) Freedom movement and political awakening.
 - (d) Political integration.
 - (e) Dialects and Literature.
 - (f) Music, Dance & theatre.
 - (g) Religious beliefs, cults, saints, poets, Warrior-saints, Lok Devtas & Lok deviyans.
 - (h) Handicrafts.
 - (i) Fairs and Festivals, Customs, Dresses, Ornaments with special reference to Folk and tribal aspects thereof.
4. Economic Developments:- Food and Commercial crops of Rajasthan, Agriculture based Industries, Major irrigation and River Valley, Projects for the development of the desert and waste lands. Indira Gandhi Canal Project, growth and location of Industries, Industrial raw

- materials. Mineral based industries, Small scale and Cottage industries, export items Rajasthani handicrafts. Tribes and their economy. Cooperative movement, Tourism Development. Economic Reforms in India and their impact.
5. Geography and Natural Resources:-
- (a) Broad – physical features of the world important places, rivers, mountains, continents, oceans.
 - (b) Ecology and wild-life of India.
6. Mathematics:
- Ratio and proportion, percentage, profit & Loss, simple and compound interest, time and distance, time and speed, work and time, Average

Section – B

1. Layout drawing: Line, lettering, Dimensioning, Scales and Projection, Construction of plain and solid geometrical figures.
2. Building bye-laws and development control rules in Rajasthan.
3. Building Drawing (Residential, Commercial and others) and planning.
4. Surveying & Levelling: Plane Table, Total Station Survey and DGPS.
5. Designation, Basic Concepts, purpose and classification of maps.
6. Enlargement and Reduction of scale, combination of maps, measurement of distance and
7. Meaning and Importance of statistics, Collection of Data, Primary, Secondary data, methods of sampling, Statistical series.
8. Nature Scope and History of cartography.
9. Role of cartography & Digital mapping in Town Planning, study of different types of maps, Numbering of topographical maps, Representation of Relief.
10. Role of G.I.S., G.P.S. with remote sensing in Town Planning, use of map projection in GIS mapping, Construction of map projection, Data collection and analysis, Type of satellite imagery and use at different areas.
11. Techniques of Preparing Base Maps, Physical Survey, Plan Preparation Techniques, Advanced techniques of aerial photography, photogrammetry, photo Interpretation, remote sensing, GIS etc.
12. Use of AutoCAD and GIS Software application.