

# **Rajasthan public service commission, Ajmer**

Syllabus for screening Test for the post of

**Lecturer - commerce**

(School Education)

**PAPER - I**

## **General Awareness and General Studies**

### **1. History of Rajasthan and Indian History with special emphasis on Indian National Movement**

- Development of Art, Science and Literature during Mouryan and Gupta Periods.
- Ancient Indian education system and educational institutions of learning, Indian cultural expansion abroad.
- Growth of education during British period, Freedom Struggle of 1857. Rise of Nationalist movement, Prominent leaders of national movement, V.D. Savarkar, Bankim Chandra, Lal, Bal, Pal, Chandra Shekhar Azad, Bhagat Singh, Sukhdev, Ras Behari Bose, Subhash Chandra Bose., social and religious renaissance- Raja Ram Mohan Roy, Dayanand Saraswati and Vivekanand.
- Mahatma Gandhi and National movement.
- Freedom Struggle of 1857 and Rajasthan. Peasant and labour movement. Vijay Singh Pathik, Arjun Lal Sethi, Kesari Singh and Joravar Singh Bareth.
- Shivaji and the Maratha Swaraj, Rajput polity, society and culture during 7 th to 12 th centuries.
- Bhakti movement and cultural synthesis, development of education, language, literature, Art and Architecture during Mugal Period.
- Maharana Pratap, struggle with the Mughals.

### **2. Mental Ability Test**

Analogy, series completion, coding-decoding, blood relations, logical venn diagrams, alphabetical test, number ranking and time sequence test, mathematical operations, arithmetical reasoning, data interpretation, data sufficiency, cubes and dice, construction of sequences and triangles.

#### **Statistics (Secondary Level)**

Collection of data, presentation of data, graphical representation of data, measures of central tendency, mean, mode, median of ungrouped and grouped data.

#### **Mathematics (Secondary Level)**

Natural, rational and irrational numbers, real numbers and their decimal expansions, operations on real numbers, laws of exponents for real numbers, rational numbers and their decimal expansions. Zeroes of a polynomial. Relationship between zeroes and coefficients of a polynomial. Division algorithm for polynomials. Algebraic methods of solution of pair of linear equations in two variables.

#### **Mensuration :**

Surface area of a cuboid and a cube, right circular cylinder, right circular cone, sphere. Volume of a cuboid, cylinder, right circular cone and sphere, Surface area and volume of a combination of solids conversion of solid from shape to another.

#### **Language ability test : Hindi, English**

##### **सामान्य हिन्दी**

- संधि और संधि विच्छेद ।
- उपसर्ग ।
- प्रत्यय ।

- विपरीतार्थक (विलोम) शब्द ।
- अनेकार्थक शब्द ।
- शब्द – युग्म ।
- शब्द – शुद्धि : अशुद्ध शब्दों का शुद्धीकरण और शब्दगत अशुद्धि का कारण ।
- वाक्य – शुद्धि : अशुद्ध वाक्यों का शुद्धीकरण और वाक्यगत अशुद्धि का कारण ।
- क्रिया : सकर्मक और अकर्मक क्रियाएँ ।
- अँगरेजी के पारिभाषिक (तकनीकी) शब्दों के समानार्थक हिन्दी शब्द ।

### **GENERAL ENGLISH :**

- Tenses/Sequence of Tenses.
- Voice : Active and Passive.
- Narration : Direct and Indirect.
- Use of Articles and Determiners.
- Use of Prepositions.
- Correction of sentences including subject, Verb, Agreement, Degrees of Adjectives, Connectives and words wrongly used.
- Glossary of official, Technical Terms (with their Hindi Versions).
- Antonyms.
- Forming new words by using prefixes and suffixes.
- Confusable words.

### **3. Current Affairs**

Economic Planning in India, 11<sup>th</sup> five year plan, Census of India 2011, Various development programme of India and Rajasthan, Poverty eradication programme, Youth employment programme, Health and Hygiene Schemes of Rajasthan, Space programmes of India, Atomic Energy programmes, India and the world events of importance, Persons and places of India in News, Contemporary events in Science and Technology in India, National and International Awards and Prizes, Latest Books and Authors of India, Sports and games.

### **4. General Science**

Atoms and molecules, Chemical reactions and equations, Carbon and its compounds, Force and laws of motion, Work and energy, Tissues, Control and coordination, Heredity and evolution, Management of natural resources, Protection of environment, Biodiversity and sustainable development.

#### **Indian Polity:**

- Salient feature of the constitution of India, Indian Executive, Legislature, and Judiciary - Organization, Theory and practice, Elections in India. The president of India, Election and emergency powers of the president.
- Cabinet, Prime Minister and his powers.
- Parliament, speaker and his functions.
- Beurocratic set up of India.
- Political parties and their role – Theory and practice.
- Supreme court – Organization and powers, Commissions and Boards at -national level.

#### **Geography of Rajasthan**

Location, extent, shape, size, physical features climate, demographic characterstics, agriculture, mineral resources, energy resources. Tourism and transport. Industries and trade.

### **5. Educational Management, Educational scenario in Rajasthan, Right to Education Act 2009**

Concept and functions of educational management, Educational management in Rajasthan, School as a unit of decentralized planning, Educational management information System(EMIS), Institutional planning, School mapping, Block Resource Centre(BRC), School Management Committee(SMC), District Information System for Education(DISE), Sarva Shiksha Abhiyan(SSA), Rashtriya Madhyamik Shiksha Abhiyan(RMSA).

Organisation of educational set up at primary and secondary in Rajasthan , Functions of RIE, SIERT, BSER, IASE, CTE, DIET, Rajasthan Educational Initiative, Balika Shiksha Foundation, Kasturba Gandhi Balika Vidyalaya, Rajasthan text book board, Bharat Scouts and Guides. Rasthriya Military school, Sainik school, Public school, Model school, E-Mitra, E-Governance, Rajshiksha, Edusat, Gyandarshan, Gyanvani.

Provisions of Right of Children to Free and Compulsory Education Act, 2009

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### Scheme of Examination

S. No.	Subject	No. of Questions	Total Marks
1	History of Rajasthan and Indian History with special emphasis on Indian National Movement	15	30
2	Mental Ability Test, Statistics (Secondary Level), Mathematics (Secondary Level), Language Ability Test : Hindi, English	20	40
3	Current affairs	10	20
4	General Science, Indian Polity, Geography of Rajasthan	15	30
5	Educational Management, Educational Scenario in Rajasthan, Right to Education Act, 2009	15	30
	<b>Total</b>	75	150
<b>Note :</b> 1 All the question in the Paper shall be Multiple Choice Type Question.			
2 Negative marking shall be applicable in the evaluation of answers. For every wrong answer one-third of the marks prescribed for that particular question shall be deducted.  Explanation : Wrong answer shall mean an incorrect answer or multiple answer.			
3 Duration of the paper shall be 1 Hour 30 Minutes.			

## Paper - II

### 1. Knowledge of subject concerned : Senior Secondary Level

- Principles of Book-keeping, Double Entry System.
- Subsidiary books, Final Accounts, Adjustment Entries, Opening and closing entries.
- Trial balance and rectification of errors.
- Depreciation, Provisions and Reserves.
- Accounting for bills of exchange transactions .
- Partnership accounts.
- Company Accounts- Issue of shares, forfeiture and re-issue of shares, redemption of shares and debentures.
- Computers in Accounting.
- Business Organization- sole - partnership, joint stock company.
- Principles of management – concept, nature and significance.
- Capital markets and types - Primary and secondary market
- Marketing - Meaning, functions and role.
- Statistics for economics - Measures of central Tendency, Measures of dispersion and introduction to Index Numbers.
- Poverty – absolute and relative, Main programmes for poverty alleviation : A critical assessment.
- Rural development – Key issues, credit and marketing.
- Role of cooperatives : Agricultural diversification, alternative farming ,organic farming.
- Employment - Formal and informal, growth and other issues, Problems and policies.
- Economic reform since 1991 – Need and main features – liberalization, globalization and privatization.

## 2. Knowledge of subject concerned : Graduation level

- Financial statements : Meaning and Analysis.
- Tools for financial statement analysis.
- Cash flow statement
- Cost Accounting – Meaning and Definition
- Element of cost – Material, Labour, and overhead.
- Auditing – Meaning and Objectives.
- Audit of companies – Appointment, Rights, Duties and Liabilities of auditor.
- The Indian contract Act 1872( Section 1 to 75).
- Consumer protection Act 1986
- Functions of Management – Planning , Organizing, Staffing, Directing and Controlling.
- Company Secretary - Position, Duties and Qualification.
- Human resource : Meaning, Scope, Role, and Functions.
- Meaning and nature of Entrepreneurship – Entrepreneurship in Rajasthan.
- Economic Environment – Meaning, Factors affecting economic Environment, Indian Economic Environment and basic feature of Indian economy
- New Economic Policies and its effects.
- Foreign Trade of India – Volume, Composition and Direction.
- Export Promotion – Various measures.
- New Export Import policies of Govt. Of India.
- Economic modals – Meaning , Purpose and Types.
- National Income – Definition, Measurement, Distribution and Economic Welfare.

## 3. Knowledge of subject concerned : P. G. Level

- Financial Management– Working capital management, Capital budgeting.
- Business Statistics – Probability
- Consumer Behavior and buying motives.
- Marketing Analysis and Research
- Role of advertising in marketing and advertise in strategies
- Media Management .
- Public finance – Central budget, Deficit, Fiscal management.
- Problems of Indian banking- Central and Commercial banking, Banking sector reforms.
- Monetary and Fiscal Policies.
- Finance Commission.

## **Part – IV (Educational Psychology, Pedagogy, Teaching Learning Material, Use of computers and Information Technology in Teaching Learning)**

### 1. Importance of Psychology in Teaching-Learning :

- Learner,
- Teacher,
- Teaching-learning process,
- School effectiveness.

### 2. Development of Learner :

- Cognitive, Physical, Social, Emotional and Moral development patterns and characteristics among adolescent learner.

3. Teaching – Learning :

- Concept, Behavioural, Cognitive and constructivist principles of learning and its implication for senior secondary students.
- Learning characteristics of adolescent and its implication for teaching.

4. Managing Adolescent Learner :

- Concept of mental health and adjustment problems.
- Emotional Intelligence and its implication for mental health of adolescent.
- Use of guidance techniques for nurturing mental health of adolescent.

5. Instructional Strategies for Adolescent Learner :

- Communication skills and its use.
  - Preparation and use of teaching-learning material during teaching.
  - Different teaching approaches:  
Teaching models- Advance organizer, Scientific enquiry, Information, processing, cooperative learning.
- Constructivist principles based Teaching.

6. ICT Pedagogy Integration :

- Concept of ICT.
- Concept of hardware and software.
- System approach to instruction.
- Computer assisted learning.
- Computer aided instruction.
- Factors facilitating ICT pedagogy integration.

**Scheme of Examination (Subject Concerned)**

S. No.	Subject	No. of Questions	Total Marks
1	Knowledge of Subject Concerned : Senior Secondary Level	55	110
2	Knowledge of Subject Concerned : Graduation Level	55	110
3	Knowledge of Subject Concerned : Post Graduation Level	10	20
4	Educational Psychology, Pedagogy, Teaching Learning Material, Use of Computers and Information Technology in Teaching Learning	30	60
	<b>Total</b>	<b>150</b>	<b>300</b>

**Note :** 1 All the question in the Paper shall be Multiple Choice Type Question.

2 Negative marking shall be applicable in the evaluation of answers. For every wrong answer one-third of the marks

prescribed for that particular question shall be deducted.

Explanation : Wrong answer shall mean an incorrect answer or multiple answer.

3 Duration of the paper shall be 3 Hours.