

# RAJASTHAN PUBLIC SERVICE COMMISSION, AJMER

## SYLLABUS FOR EXAMINATION FOR THE POST OF P.T.I. (GRADE-II & III), SECONDARY EDUCATION DEPARTMENT

### PAPER – I

(i) **Geographical, Historical, Cultural and General Knowledge of Rajasthan:** Location, extent, relief features, climate, drainage, vegetation, agriculture, livestock, dairy development, population distribution, growth, literacy, sex ratio, religious composition, industries, planning, budgetary trends, major tourist centres.

- **Ancient Culture & Civilisation of Rajasthan, Kalibangan, Ahar, Ganeshwar, Bairath.**
- **History of Rajasthan from 8<sup>th</sup> to 18<sup>th</sup> Century**
  - Gurjar Pratihars
  - Chauhans of Ajmer
  - Relations with Delhi Sultanate – Mewar, Ranthambore and Jalore.
  - Rajasthan and Mughals – Sanga, Pratap, Mansingh of Amer, Chandrasen, Rai Singh of Bikaner, Raj singh of Mewar.
- **History of freedom struggle in Rajasthan**
  - Peasants and Tribal Movements.
  - Prajamandal Movement.
- **Integration of Rajasthan**
- **Role of women during Medieval and Modern period.**
- **Society and Religion**
  - Lok Devata and Devian.
  - Saints of Rajasthan.
  - Architecture – Temples, Forts and Palaces.
  - Paintings – Various Schools.
  - Fairs and Festivals.
  - Customs, Dresses and Ornaments.
  - Folk Music and Dance.
  - Language and Literature

Office of Governor; Role and Functions of Chief Minister and Cabinet; State Secretariat and Chief Secretary; Organisation and role of the Rajasthan Public Service Commission and State Human Rights Commission, Panchayati Raj in Rajasthan.

(ii) **Current Affairs of Rajasthan :**

Major current issues and happenings at state level related to socio-economic, political, games and sports aspects.

(iii) **General Knowledge of World & India –**

Continents, Oceans and their characteristics, global wind system, environmental problems, global strategies, globalization and its impacts, population trend and distribution, India and U.N.O., Major trends in International policies with special reference to Globalization and Nuclear non-proliferation.

Location and its advantages, Monsoonal system, drainage characteristics, changing patterns of agriculture and industries, national income-concept & trends, poverty, reduction schemes, Features of India's foreign policy, Nehru's contribution in its making.

Major Landmarks in the Constitutional History of India with special reference to Government of India Acts of 1919 and 1935; Gandhi's contribution to National Movement; Ambedkar and Constitution; Making; Salient features of Indian Constitution, Fundamental Rights, Duties and Directive Principles of State Policy; offices of the Indian President and Prime Minister; India's federal system; Major Political Parties.

(iv) **Educational Psychology –**

- 1 **Educational Psychology** – its meaning, scope and implications for teacher in classroom situations. Various psychologists and their contributions in education.
- 2 **Learning** – its meaning and types, different theories of learning and implications for a teacher, transfer of learning, factors affecting learning, constructivist learning.
- 3 **Development of learner** – Physical, emotional and social development, development of child as an individual- concept development.

- 4 **Personality** – meaning, theories and assessment, adjustment and its mechanism, maladjustment.
- 5 **Intelligence and creativity** – meaning, theories and measurement, role in learning, emotional intelligence- concept and practices, human cognition.
- 6 **Motivation** – meaning and role in the process of learning, achievement motivation.
- 7 **Individual differences** – meaning and sources, Education of children with special needs – Gifted and talented students, slow learners, delinquency.
- 8 **Development and implications in education of** – Self concept, attitudes, interest, habits, aptitude and social skills.

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For the competitive examination for the post of P.T.I. Grade II & III :-

- 1 The question paper will carry maximum 200 marks.
- 2 Duration of question paper will be two hours.
- 3 The question paper will carry 100 questions of multiple choices.
- 4 Paper shall include following subjects carrying the number of marks as shown against them :-

(i) Geographical, Historical, Cultural and General Knowledge of Rajasthan	80 Marks
(ii) Current Affairs of Rajasthan	20 Marks
(iii) General Knowledge of World and India	60 Marks
(iv) Educational Psychology	40 Marks
Total	200 Marks
- 5 All questions carry equal marks.
- 6 There will be **Negative Marking.**

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# RAJASTHAN PUBLIC SERVICE COMMISSION, AJMER

## SYLLABUS FOR EXAMINATION FOR THE POST OF P.T.I. - II & III GRADE, SECONDARY EDUCATION DEPARTMENT

### PAPER - II

1. **General Knowledge of Physical Education of Secondary and Senior Secondary Standards** **60 Marks**
  - Meaning and Definition of Physical Education – Its aims and objectives.
  - Scope, Need and Importance of Physical Education
  - Misconceptions about Physical Education
  - Meaning, Importance of Physical Fitness and Wellness
  - Factor affecting Physical Fitness and Wellness
  - Importance of Sociology in Physical Education and Sports
  - Games and Sports as cultural heritage
  - Development of Leadership Qualities and group dynamics through sports and games
  - History, aims, objectives and role of Kinesiology in Physical Education and sports
  - Mechanical basis of kinesiology and its application to Physical Education and Sports
  - Law of Motion, Leverage, Force, center of gravity, Equilibrium and centre of gravity.
  - Common Postural Deviations
  - Therapeutic Modalities in Rehabilitations
  - Sports Massage : History, Approach, Effect and Types of Massage Manipulations
  - Prevention and First Aid for common sports injuries
  - Test, Measurements and Evaluation in Physical Education
  - Criteria of tests selection in Physical Education
  - Administration of Testing Program in Physical Education
  - Measurement of Health Status, Physical Fitness and Skill Performance
  
2. **General Knowledge of Sports, Physical Education and Current Affairs** **40 Marks**
  - History of Game / Sport (Athletics, Basketball, Badminton, Cricket, Football, Hockey, Judo, Kabaddi, Kho-Kho, Lawn Tennis, Table Tennis, Volleyball, Wrestling, Gymnastic and Swimming)
  - Latest general rules of Game / Sport
  - Measurement of play fields and specifications of sports equipment
  - Fundamental Skills of Game / Sport
  - Related sports terminologies
  - Important tournaments and venues
  - Sports Personalities
  - Sports Awards
  - Modern Olympic Games: Start of Olympics, Objectives and Motto of Olympic, Olympic Flag, Medal Ceremony, Olympic Charter, Opening and Closing ceremonies
  
3. **Theories, Definitions and History of Physical Education** **20 Marks**
  - Biological Foundations: heredity and environment, growth and development, chronological, anatomical, physiological and mental ages, types of body.
  - Philosophical Foundations: Idealism, pragmatism, naturalism, existentialism and physical education
  - Physical education in ancient India : Vedic period, Epic period and Medieval periods
  - Physical education in the city states of Greece
  - Physical Education in India: Pre and post independence period
  - Contribution to the growth of physical education by leaders and movements of following: Johan Basedow, Guts Muths, G.D. Sondhi, Dr. P.M. Josheph, Prof. Karan Singh, Sh. H.C. Buck and Prof. Ajmer Singh.
  - Movements : Turnverin Movement, Spartakiad Y.M.C.A. and Akhada's.
  
4. **Education and Games/Sports Psychology** **20 Marks**
  - Meaning, definitions, nature, branches and sources of psychology
  - Importance of psychology in education with special reference to physical education
  - Individual differences and personality
  - Learning: principles, types, theories and factors affecting learning, learning curve and plateau, laws of learning
  - Motivation: types and role in teaching physical activities
  - Personality: meaning, nature and factors affecting performance
  - Transfer of training
  
5. **Methods, Supervision and Organizations of Physical Education** **20 Marks**
  - Types of teaching methods, principles of teaching, presentation technique, principles of class management
  - Lesson planning: types of lesson, objectives and parts of lessons
  - Guiding principles, essential features, techniques and qualities of supervision
  - Organization and conduct of competitions and tournaments: knock-out, league, combination and challenge.
  - Audio – visual aids and teaching gadgets
  - Marking of tracks and play fields
  
6. **Theories of Training and Decisions** **20 Marks**
  - Principles of sports training
  - Characteristics of sport training

- Methods of Sports Training.
- Training load
- Warming up, limbering down, aerobic and anaerobic activities, calisthenics and rhythmic exercises
- Training methods and specific training program for development of various motor qualities
- Techniques and tactics

**7. Science of Basic Physiology, Anatomy, Function and Health Education**

**40 Marks**

- Meaning and concept of anatomy, need and importance in physical education
- Cell, tissue, organ and system
- Functions of bones, general features of scapula, radius, ulna, humerus, femur, tibia and fibula
- Definitions and classification of joints, terminology of movement around a joint
- Structural and functional classification of muscles, general characteristics (properties) of muscles
- Effects of exercise on muscular system, circulatory system, respiratory system and digestive system
- Second wind and oxygen-debt
- Health: dimensions, ecology, spectrum, determinants and positive health
- Health education: concept, objectives, importance and principles
- Health problems
- Hygiene, community health, aspects of school health service
- Food , nutrition and balance diet
- Communicable diseases: AIDS, hepatitis, rabies, tetanus, malaria and tuberculosis

**8. Entertainment (Recreation), Camping and Yoga**

**40 Marks**

- Recreation: definition, types, scope, significance, philosophy and objectives
- Theories of play and recreations
- Organization and administration: agencies offering recreation, facilities, equipment and their maintenance
- Types of recreational activities
- Camping: Scope and significance, Types of camps, selection and layout of camp sites
- Organization and administration of camps
- Leadership: types, qualities and techniques
- Yoga: meaning, types, stages, scope, objective and significance
- Yogic Kriyas
- Types of asanas and phases of pranayama
- Advantages of asanas: bhujangasana, shalabhasana, paschimotanasana, padmasana, tadasana, sarvangasana, mayurasana, chakrasana, savasana, vajrasana, halasana, ardha matsyendrasana

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**Pattern of Question Paper :**

For the competitive examination for the post of P.T.I. Grade II & III :-

- 5 The question paper will carry maximum 260 marks.
- 6 Duration of question paper will be two hours.
- 7 The question paper will carry 130 questions of multiple choices.
- 8 All questions carry equal marks.
- 5 There will be **Negative Marking**.

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