

**DIRECT RECRUITMENT FOR THE POST OF POST GRADUATE ASSISTANTS /  
PHYSICAL EDUCATION DIRECTORS GRADE-I – 2018-2019**

**Subject: Education Methodology**

**Unit-I**

Pre-primary Education - Programme of Pre-primary Education-universalization of Primary Education- Equality of opportunity- Secondary and Higher Secondary Education-Need for uniform pattern-Non-formal and Adult Education-Functional Literacy Programme- Programmes for workers in Industry- Programme for dropouts-Role of Educational Institutions in Non-formal Education-Open School/Open University, Quantity and Quality of Education-State and National level-Unemployment and underemployment- Delinking employment from degrees- Skill development- Vocational Skill oriented education- Man Power planning and education – Brain drain – Special problems of rural and tribal people – Illiteracy and poverty-Eradication of poverty through Education.

**Unit-II**

National Integration – International understanding – Value Education in action – Nutrition and health – Sanitation – Safety and first aid – Women’s education – Education for handicapped – Education for gifted - Population Education– Need for protecting the environment – Environmental Education – Language policy – Medium of education – Channel of International communication – Management of Schools, Private, Aided, Government, Local authorities – Government Department of education, administration and academic supervision- Headmaster / Headmistress as an administrator and academic supervisor.

**Unit-III**

History and Culture of Tamil Nadu: Political – Spiritual – Religion – Literature – Language – Education – Natural Resources – Trade – Occupations – Historical places – Tourist centers - Arts – Games – Society.

**Unit-IV**

The Learner, learning process – Learning situation – Significance of Educational Psychology to the teacher concept of growth and maturity – Development characteristics and trends – Developmental tasks and education – Development of mental abilities – Attention, Inattention and distraction – span of attention, sensation and perception – factors in perception – Errors – concept formation – Piagets stages of cognitive development – concept maps language. Imagination, thinking and reasoning – Psycho– linguistics – Implications for the teacher.

**Unit-V**

Special characteristics of adolescents and their problems, attitudes, interest, group behaviour, Discipline – Leadership – Nature and importance of learning – Individual differences in learning – Learning curves – Transfer of learning – Learning styles – Factors in learning – Types of learning – Trial and error – Conditioning – Classical and operant – Learning by insight – Imitation – Levels of learning – Remembering and forgetting- Learning Disabilities.

**Unit-VI**

Motivation- Maslow's hierarchy of needs- Role of rewards and punishments – Levels of aspiration – Achievement motivation – Goal as a motivational factor – Nature of Intelligence – Theories of Intelligence – Assessment of intelligence – IQ constancy – Distribution – uses of intelligence tests – Creativity – Creativity and intelligence – Identification and promotion of creativity – Meaning of personality – Factors influencing personality -Assessment of personality – Integrated personality – concept of mental health and hygiene – conflict and frustration- Unrest – Adjustment – Defence mechanisms - Mental illness – Guidance and counselling.

**Unit-VII**

Meaning of educational innovation – Principles involved in innovation – Emergence of School – in cultural, social and religious setting – Innovations that emerged from educational experiments – Tagore:- Santiniketan – Gandhiji:- Basic Education – A.S.Neill:- Progressive School - Sri Aurobindo:- Ashram Schools. Rousseau: Children's Education - Moutessori:- Sense Experience – BertrandRussel:- Education for Social Order- Froebel:-Kindergarten – Dewey:- Pragmatic life – J. Krishnamoorthy:- Freedom in learning situation. Influence of Psychological factors on innovation – principles underlying self learning devices. Piaget:- Experiments and discovery learning - Child -centred learning. Effects of cultural, religious and social factors on innovation – Principles of equality - conformity to common educational goals.

**Unit-VIII**

Modernization of education – National Educational Policy (1986) – DPEP-Special focus on Teacher Education (DTER, DIETs, BRCs, CRCs) MLL based curriculum and syllabus - Joyful learning - Autonomy in institutional structures – Individual freedom – Library based learning: Self paced instruction – pace setting schools - Mobile schools – De-Schooling and non-classroom learning – community schools – school complex Distance education and open learning – Education through mass communication – Special education – Sainik School – Defence academy – Educational Technology – need for and use of Instructional technology – mass media for instructional purposes – Review of radio and TV educational programmes – educational computing.