

# Subject Index

## A

- Ability  
— analytical 508  
— application 400, 407  
— arithmetical 374  
— clerical 241  
— cognitive 352, 392, 397  
— comprehend 359  
— creative 267  
— discriminate 274  
— drawing 359  
— expression 308  
— general 385, 460  
— intellectual 207, 415, 417  
— language 433  
— mathematical 383, 385  
— mechanical 212  
— mental 195, 271, 341, 345, 352, 355, 357, 398, 417,  
— numerical 179, 180, 212, 250, 256, 375  
— perceptual 212, 256, 272  
— reading 359  
— reasoning 212, 250, 274, 335  
— recall 359  
— recognise 359  
— social 267  
— spatial 212, 250, 256  
— symbolic 267  
— teaching 406  
— verbal 212, 250, 256
- Academic  
— atmosphere 292  
— attainment 361, 466  
— courses 343  
— difficulties 444  
— discipline 275  
— grades 397  
— improvements 424  
— motivation 324, 325, 327, 361, 431, 443, 466, 493  
— performance 77, 176, 198, 235, 259, 354, 443, 458, 489, 511, 515, 517 544  
— qualifications 412, 440, 515  
— qualities 420, 450  
— record 210  
— requirements 425  
— standard 476  
— streams 375, 381  
— success 268, 376  
— training 122  
— underachievement 343  
— work 419, 458
- Achievement 164, 165, 186, 191, 198, 216, 233, 256, 278, 279, 292, 294, 320, 321, 327, 329, 335, 348, 355, 356, 457, 587
- academic 108, 110, 167, 169, 173, 188, 195, 206, 207, 216, 230, 233, 238, 322, 327, 331, 332, 333, 334, 335, 336, 337, 338, 341, 342, 343, 344, 345, 346, 347, 348, 350, 351, 353, 354, 355, 356, 357, 359, 360, 361, 396, 400, 408, 409, 417, 431, 432, 457, 459, 470, 487, 492, 494, 511, 525, 539, 588  
— activities 511  
— affective 399  
— chemistry 379  
— correlates of 331, 336, 338, 374  
— different subjects 278  
— domain 374  
— economics 453  
— educational 63, 76, 167, 265, 373, 453  
— geography 400  
— history 174  
— imagaries 177  
— international 137  
— knowledge 431  
— language 221, 342, 368, 393  
— level of 196, 299, 473, 586  
— literacy skill 548, 549  
— mathematics 321, 325, 369, 382, 579  
— measurement of 265  
— motivation 167, 362, 363, 408  
— orientation 85, 519  
— over 332, 334, 337  
— physics 379, 381  
— psychomotor 399  
— pupil 77, 78, 96, 395, 397, 403, 410, 500  
— school 189, 225, 369, 467  
— scholastic 167, 184, 191, 203, 204, 207, 229, 230, 333, 346, 352, 355, 361, 362, 483  
— science 362, 375  
— under 332, 334, 337, 338
- Achievement Motivation 103, 168, 169, 170, 171, 176, 184, 186, 187, 189, 190, 333, 342, 344, 359, 360, 363
- development programme 437  
— inventory 408, 545  
— of tribals 185, 325  
— test 170
- Achievement Tests 369, 372  
— arithmetic 369, 384  
— chemistry 370  
— civics 368  
— English 207, 263  
— general science 370, 375, 385, 387, 391  
— geography 368, 369, 384, 388  
— geometry 369  
— Gujarati 367, 384  
— Hindi 382, 384, 388  
— history 384, 388  
— home science 370  
— languages 366  
— mathematics 263, 366, 369, 370, 375, 391  
— Oriya 368, 375
- science 384  
— social sciences 366, 368  
— social studies 368, 375, 391
- Achievers  
— average 343, 356  
— high 229, 349, 355, 356, 357  
— low 229, 299, 349, 355, 356, 357  
— normal 340, 348  
— over 172, 333, 340, 343, 344  
— under 333, 340, 343, 344
- Action Research 478
- Activism 77, 86, 122, 129
- verbal situation test 122
- Activities  
— cocurricular 117, 314, 346, 437, 495, 496  
— cultural 90, 103  
— curricular 352  
— disfavoured Naxalite 133  
— entertainment 538  
— extension 425  
— extra-curricular 103, 107, 112, 118, 120, 130, 235, 450, 533  
— household 353  
— indoor games 128  
— inservice 425  
— physical 181  
— religious 128  
— social development 158
- Adaptation of Maudsley's Personality Inventory 270
- Adapted WAIS for Indian conditions 265
- Adjustment 164, 169, 176, 225, 228, 232, 267, 333, 346, 400, 409, 412, 418, 453, 511
- adolescent 166, 223  
— children 189  
— college 208  
— differences 166  
— economic 440  
— emotional 170, 261, 263, 349  
— ethical 440  
— family 223, 439  
— general 397, 580  
— health 128, 170, 261, 263, 349, 440  
— home 128, 170, 208, 261, 263  
— home-social 440  
— individual 166  
— institutional 440  
— Inventory 170, 198, 440  
— level of 173, 432  
— occupational 466  
— pattern 100, 211  
— personal 89, 263, 334, 340  
— personality 182, 199, 231, 343, 396, 418, 427  
— problems 163, 165, 166, 172, 198, 204, 211, 222, 232, 421, 510  
— psychological 232  
— psycho-social 192  
— school 166, 170, 208, 397  
— sexual 208, 235

- social 170, 185, 208, 261, 334, 340, 357, 396, 417
  - student 580
  - student leader 188
  - teacher 396, 397, 440
  - Administration 47, 51, 157, 159, 219, 423, 493, 496, 513
    - decentralized democratic 455
    - dimension of 499
    - evaluation of 499
    - financial 152, 160
    - general 149
    - of elementary education 141
    - of primary education 52
    - of secondary education 141
    - of teacher education institutions 142, 425, 479
  - Administrative 314
    - arrangements 513
    - barriers 279
    - behaviour 455, 489
    - climate of educational institution 455
    - experiences 459
    - power 496
    - problem 458, 460, 503
    - structure of universities 531
    - subsystem 583
    - work 482
  - Adolescence Adjustment Test Battery, 225
  - Adolescent(s) 173, 230
    - adjustment 229
    - behaviour of 176
    - boys 220
    - covariates in 266
    - English medium school 173
    - level 186
    - population 220
    - secondary school 205
  - Adolescent girls problem inventory 202
  - Adult Education 534, 535, 539, 544
    - centres of 546, 548
    - problems of 548
    - programme 546
    - progress of 548
  - Adult Vocabulary
  - Advanced Curriculum Model of Cognitive Learning 178
  - Advancement of science and technology 280
  - Aesthetic development 251, 294
  - Affective domain 175
  - Affiliating universities 154, 506
  - Agencies
    - of education 60, 63, 285, 513
    - private 456
  - Ahluwala's Teacher Attitude Inventory 413, 423, 434, 442, 449, 500
  - Ahuja's Group Test of Intelligence 238
  - Akbar's scheme of education 42
  - Alexander's Passalong Test 90, 165, 179, 240, 249
  - Algebraic concept test 283
  - Aligarh Verbal Intelligence Test 202
  - Allahabad Bureau's Verbal Test of Intelligence 166
  - All India survey of achievement in mathematics 368
  - Allomorphic Distribution 313
  - Allport-Vernon-Lindzey's Study of Values 129, 165, 180, 198, 225, 230, 275, 497, 522, 530
  - Altruism 265
  - Ambivalent 363
  - Analogies 266, 274
    - figure 271
    - word 271
  - Analysis of
    - devanagari script 288
  - textbooks 299
  - Ancient Hindu education 44
  - Anglo-Indian nursery 226
  - Ansari's Level of Aspiration Test 357, 497
  - Anxiety 102, 163, 168, 176, 203, 204, 222, 227, 234, 333, 355, 411, 418, 437, 502, 532
    - general 396, 402
    - level of underachiever's 361
    - manifest 359
    - pupil's 397, 408
    - vocational 396, 402
  - Applied nutrition programme 97, 473
    - attitude towards 474
    - interest in 474
  - Aptitude 352, 362, 393, 416
    - biological science 389
    - engineering 254
    - for teaching 272, 275, 395, 414, 417
    - mechanical comprehension 254
    - scholastic 241, 250, 332, 342, 358
    - science 362
    - test of numerical 263
    - testing 236
  - Army Education 63
  - Ascendance 396
  - Asian teachers 582
  - Aspiration 70, 71, 76, 77, 78, 85, 100, 101, 122, 233
    - academic 124
    - educational 85, 98, 99, 101, 118, 124, 163, 173, 174
    - for technical and professional education 131
    - higher educational 112
    - hopes and 219
    - job 114, 416, 478
    - level of parents' 90, 97, 102
    - occupational 70, 71, 92, 97, 98, 99, 107, 118, 124, 184, 185, 511, 518
    - performance 97
    - professional 85
    - vocational 131, 132, 187, 219
  - Assessment 143, 297
    - external 143, 372, 373, 424, 446
    - internal 142, 143, 372, 373, 377, 424, 430, 446, 447, 449, 494, 585
    - of cognitive competence 586
    - of employers 580
    - of teaching of punjab 309
  - Asthana's Adjustment Inventory 166, 203, 211, 234, 244
  - Atmanand Sharma's Mechanical Aptitude Test 256
  - Attainment
    - language 302, 303, 305
    - linguistic 299
    - of pupils in English 293
    - of social status 586
  - Attitude 71, 99, 100, 101, 119, 153, 154, 164, 229, 303, 408, 421, 434, 449, 461, 497, 515, 523, 584, 586, 588
    - ambivalent 127
    - and abilities 311
    - and behaviour 219
    - and values 415
    - general 98, 185
    - of intellectuals 543
    - of parents 44, 243
    - of pupils 86, 401, 408
    - of students 113, 120, 510, 526, 539
    - of student teachers 441
    - of teachers 86, 128, 396, 437, 438, 446, 462, 488, 515
    - of teacher educators 440
    - opinions and 226
    - parental 216, 235, 491
    - professional's religious 121, 133
    - socio-personal 354
    - staff 479
  - towards adult education 535
  - towards children 398, 417
  - towards education 460
  - towards ETV 103
  - towards extension education 544
  - towards food 358
  - towards governmental programmes 131
  - towards innovation 440
  - towards joint family 510
  - towards marriage 510
  - towards modernization 416
  - towards moral 133
  - towards parental authority 510
  - towards programmed learning 325
  - towards punishment 397
  - towards religion 121, 133, 333
  - towards school 333, 397
  - towards students 411
  - towards teaching 397, 412, 413, 427, 433, 437
  - towards values 213
  - Attitude scale on adult literacy 545, 548
  - Audio-cassette 411, 442
  - Audio-visual
    - aids 67, 68, 166, 282, 315, 334, 420, 581
    - aids in classroom 67
    - education 67, 68, 420
    - evolution of 67
    - material 285, 361
    - media 316
    - present status of 67
  - Auditory Discrimination Test 296
  - Auditory perceptual disorders 172
  - Authoritarian 102, 129, 418, 427, 484
  - Authoritarian traits of society 531
  - Auto-Instructional method of Montessori 58
  - Autonomous Colleges 506
  - Autonomy 157, 158
  - Awareness Public 504
- B
- Babu's Verbal Intelligence Test 179, 345
  - Background
    - agricultural 235
    - cultural 269, 403, 416
    - educational 195, 224, 416
    - environmental 346
    - factors 484
    - family 102
    - industrial 353
    - metaphysical 199
    - parental 229
    - rural-urban 103, 218, 445, 532
    - social 98, 222, 223, 363
    - socio-economic 98, 101, 221, 226, 275, 342, 355, 416
  - Backwardness 48, 160, 364
    - causes of 293
    - in English 293
  - Badami's Self-Analysis Scale 176
  - Ballard's Columbian Mental Test 283
  - Banasthali Vidyapeeth Socio-economic Status Scale 206
  - Bansidhar's group test of intelligence 258
  - Barriers to change 77
  - Basic Education 28, 31, 34, 35, 39, 49, 50, 61, 62
  - Basic schools 149, 153
  - Battery of engineering aptitude tests 262
  - Battery of tests of verbal, abstract and numerical reasoning 271
  - Bayley's Infant Scale of Mental Development 192
  - Behaviour
    - classroom 397
    - competitive 171

## SUBJECT INDEX

- cooperative 171
- headmasters 484
- pattern 111, 119
- risk-taking 179
- Behavioural change 437
- Belief(s) 101, 102
- Bell's Adjustment Inventory 98, 188, 210, 234, 247, 258, 261, 349, 401, 404, 432, 466
- Bellack's Children Apperception Test 197
- Bennett's Mechanical Comprehension Test 258
- Bernreuter's Personality Inventory 165, 210, 241, 250, 253, 258, 352, 401
- Bhatia's Battery of Performance Test 90, 106, 165, 211, 261
- Bhatnagar's self concept inventory 180
- Bhatt's group test 264
- Bhavasar's Numerical Aptitude Test 242
- Bhavasar's Non-verbal Group Tests 264
- Bihar Verbal intelligence Test 362
- Bilingual dictionaries 313
- Birney's TAT 176, 185, 525
- Birth-order 227, 228, 349
- Binet's Test of Intelligence 172, 186, 216, 237, 239
- Bloom-Sander's taxonomy 289
- Borsital institution and juvenile jail 131
- Bose and Dutta's Group Intelligence Test 241, 250
- Branching programme 320, 324, 325, 329, 330
- Brenner's fixed frame of reference 128
- Bridge's scale of social development 226
- British educational policy 47
- Brown's IT Scale 186
- Bureau of Psychology, Uttar Pradesh, test No. 11 for adult intelligence 258
- Bureaucracy
  - effectiveness of school 476
  - efficiency of school 476
  - in secondary schools 475
- Bureaucratic
  - administration 475
  - personalities 475
- C**
- California F-scale Forms 102
- California Psychological Inventory 253
- California Test of Mental Maturity 239
- California Test of Personality 199, 348
- Cantrill's Concern Scale 185
- Cantril's ladder technique 122
- Cantrill's Self-anchoring Striving Scale 176, 545
- Capabilities and clarity about innovations 425
- Career planning programme 229
- Caste 468, 476
  - and communal impact 501
  - structure 127
- Category system 412
- Category width 192
- Cattell and Beloff's HSPQ Form A 184, 344
- Cattell's Culture Fair Test 85, 128, 131, 174, 183, 252, 332, 356, 518
- Cattell's 14 Personality Factor Questionnaire 184, 342, 343, 348
- Cattell's Intelligence Test: Scale 3 Form A 357
- Cattell's IPAT Anxiety Scale 530
- Cattell's Memory Test 90
- Cattell's Sixteen Personality Factor Inventory 181, 182, 206, 246, 254, 257, 349, 356, 357, 362, 402, 432, 469, 473, 490, 495
- Central state relationship 489
- Changes
  - administrative 60
  - economic 60
  - individual 95
  - intellectual, individual and social 95
  - political 60
- Characteristic
  - behavioural 348
  - biographical 469
  - environmental 478
  - high and low achievers 510
  - innovative 440
  - psychological 427
  - situational 440
  - university teachers 490
- Chatterji's Non-language Preference Record 262, 357
- Chatterji's Nonverbal Test of Intelligence 103
- Child-centred 38
- Child rearing practices 86
  - outdated methods of 101
- Children
  - deficiency in 196
  - deviant 59, 224
  - perception 194
  - physically handicapped 192
  - primary school 195
  - Chaudhary's 221
  - Children literature 414
  - Christian missionaries 480
  - CIE Individual Scale Of Intelligence Test 252
  - Classroom
    - as a social system 71
    - behaviour pattern of student teacher 439
    - climate 397, 399, 408
    - dynamics 408
    - instruction 437, 465
    - organisation 408
    - overcrowded 461
    - subgroups in 104
    - trust 176, 400, 408
    - types of 104
  - Classroom Interaction 399
    - aspects of 397
  - Clerical Ability Test For Pre-University Students 249
  - Clerical Aptitude Test 255
  - Climate 267, 480
    - academic 516
    - autonomous 494
    - categories 468
    - closed 479, 490, 494
    - college 479
    - emotional 332
    - existing 479
    - extreme 469
    - institutional 93, 479, 480, 489, 490
    - intermediate 480
    - leadership 117
    - manifest closed 480
    - open 480, 494
    - organisational 457, 490, 492, 493
    - school 210, 213, 457, 467, 469, 472, 473
    - social 265
    - typology 480
  - Co-curricular
    - activities 32, 88, 96, 125, 131, 278, 306, 417, 419, 430, 436, 482, 487
    - aspects 277, 278
    - participation in 89, 98, 99, 450
  - Co-educational system 32, 128, 583
  - Cognitive
    - achievement 397 399
    - consistency 164, 195
    - development 77 195, 220
    - domain 26, 205
    - effects 326
    - functions 93
      - growth in Hindu social system 93
      - growth, theories of 59, 93
      - hierarchy in learning 167
    - interaction 406
    - learning 178
    - memory 410
    - skill 184
  - Cognitive development by Piagetian Test Performance 220
  - Cognitive educational objectives 329
  - College profile 515
  - College science improvement programme 383
  - College students
    - academic achievement 525
    - motivational factors 525
    - socio-economic status 525
  - Commission
    - Carnegie 504
    - Education 44, 53, 57, 59, 137, 140, 145, 146, 276, 283, 364, 376, 394, 436, 448, 506, 515
    - Hunter 40, 480
    - Indian universities 53
    - Radhakrishnan 580
    - Secondary Education 54, 146, 489
  - Communication 223
    - lack of 532, 585
    - opportunity 157
    - level of 223
    - medium 335, 450, 531
    - of ideas through adult education 536
  - Community
    - activities 430
    - development 364, 535, 538, 542
    - development block 579
    - education 48, 535
    - Hindu and Muslim 66
    - life 446
    - pressures 486
    - rural 486
    - service 534
    - structure 90
    - support 486
    - tribal 538, 543
  - Comparative education 136, 137, 143
    - current trends in 136
  - Competency 232
    - difference 407
    - listening, note taking 302
    - science 233
  - Comprehension 304
    - factors affecting 300
    - in Gujarati 586
    - listening 302, 586
    - reading 302
  - Comprehensive educational code 44
  - Comprehension 304
  - Competitions
    - in games and sports 278, 303
    - intramurals and interschool 303
  - Concept
    - development 280
    - environmental factors in 167
    - formation 167, 168, 224
    - of learning 200
    - of mass 166 194
    - of time 174
    - psychological 69
    - social 69 176, 177
    - volume 166, 194
    - weight 166, 194, 578
  - Conformity 219
  - Congenial home atmosphere 130
  - Conservatism-liberalism scale 545
  - Constructive integration divergent questioning 405
  - Content presentation of 304
  - Convergent
    - production 273, 409
    - questions 410

- validity coefficients 273
- Cornell's Medical Index Health Questionnaire 207, 208, 235, 351
- Correlates of art appreciation 163
- Cost**
  - capital 157
  - for primary education 150
  - for secondary education 150
  - institutional 150
  - of higher education 149, 150
  - of postgraduate education 532
  - opportunity 157
  - per capita 154, 160, 162
  - private 150
  - recurring 157
- Counselling group 227
- Course (s) 213
  - arts 101, 213
  - correspondance 319, 420, 478
  - different streams 332, 582
  - job-oriented 579
  - postgraduate 414
  - refresher 424
  - undergraduate 414
- Craft-work 139
- Creative**
  - activity 580
  - artists 176
  - development of students 309
  - person 206, 255, 256
  - science and engineering students 181, 182
  - teaching method 408, 409
  - teaching personality 405
  - teaching process 405
  - thinker 170
  - thinking 248, 269, 272, 396, 402, 416, 507, 508
  - thinking among adolescents 408
  - thinking in geography 409
  - writing 259
- Creativity 165, 236, 252, 254, 256, 258, 259, 267, 269, 270, 404
  - cognitive correlates of 192
  - dimensions of 255
  - in the tribal children 586
  - literary 259
  - nonverbal 253
  - of student teacher 198
  - sociological background of 198
  - training in 188
  - verbal 246
- Criteria for selection pre-university students 425
- Criterion referenced testing 377
- Crites's vocational development inventory 221, 225
- Cross-sectional study 227, 228
- Cultural**
  - anthropology 364
  - factors 168
  - factors in learning process 167
  - history of education 38
  - Cultural deprivation 77, 93
  - Culture 269
  - Culture Fair Intelligence Test 207
  - Cumulative record card 88
  - Curiosity 50
- Curricular**
  - assignments 482
  - preference scale 544
  - reorganisation 478
  - subjects 588
- Curriculum 69, 103, 276, 277, 279, 281, 337, 347, 414, 415, 419, 465
  - ancillary 507
  - broader aspects of 277
  - components of 279
  - development 168, 276, 280, 283, 302, 315, 507, 508, 578
  - development agencies 280
  - effectiveness of 419
  - elementary 277, 258, 466
  - examination and 66
  - general 277
  - high schools 66
  - higher education 142, 507
  - integrated 582
  - mathematics 370
  - methods of education and 448
  - pattern of 140, 143
  - planning 338, 339
  - reforms 144, 293
  - reorientation 64, 426, 433, 505
  - research 277
  - school 277, 278, 280, 305, 478
  - science 277, 309
  - scientific 276
  - special 94
  - subjects 268
  - teacher education 142, 436
  - trends 277, 293
- D**
- Dasgupta's Parental Love Inventory 166
- Dave and Anand's General Attitude Scale 179
- Davis' Discrimination \*Index 268
- Dearborn's Form Board Test 90, 240, 249
- Deb's Engineering Aptitude Test 250
- Decentralisation of
  - administrative setup 159
  - education 47
- Deficiencies
  - clinical 217
  - riboflavin 217
- Degree of Alienation, 122
- Degree Courses
  - arts 213
  - commerce 213
  - engineering 213
  - research scholars 213
  - science 213
- Delinquent
  - adolescence 259
  - juvenile 217
  - institutionalized 217
  - sex 217
- Democratic decentralisation of education 360
- Democratic understanding 311
- Demonstration Basic School 274
- Deo's Personality Word List 182, 344, 405
- Depressed classes 48
- Depression 227
- Desai's Attitude Inventory 191
- Desai-Bhatt's Group Test of Intelligence 189, 225, 237, 251, 253, 256, 264, 268, 326, 369, 386, 403
- De's Sentence Completion Test 363
- Development
  - analytical insight 440
  - areas of 580
  - concept 315
  - cultural 536
  - curriculum 283, 309, 315, 578
  - economic 60, 64, 155, 504
  - educational 56, 148, 152, 538
  - emotional 215, 221
  - health 191
  - historical 430, 469
  - mental 43, 87, 394
  - needs of tribal people 538
  - of adult education 546
  - methodology 578
  - of child personality 297
- of college education 458
- of critical insight 440
- of discipline 312
- of education 42, 54, 55, 456, 482
- of employable skills 578
- of general ability 273
- of general teaching competence 428, 579
- of higher education 55, 143, 152
- of home science degree programmes 312
- of Independent behaviour of pupils 397
- of knowledge 400
- of primary education 470, 472
- of professional education 53, 55
- of regional languages 152
- of research 414
- of scholastic ability 345, 352
- of sciences and mathematics concepts 578
- of secondary education 45, 51
- of self-concept 186
- of teacher education 54, 425, 440
- of teaching skills 437, 441
- of traditional education 54
- of women education 47
- personal 504
- physical 87, 191, 212
- recreational 545
- social 56, 108, 504, 536
- unbalanced 501
- Devon's Interest Test 352
- Dhamankar's Test Of Aesthetic Development 243
- Diagnostic test
  - algebra 371
  - arithmetic 389
  - basic algebraic skills 379
  - Hindi 371
  - languages 371
  - reading 385
  - skill of using geometrical instruments 371
- Differential Aptitude Test Battery 264
- Different stages of curricular development 284
- Directory of Behavioural Science Research 213, 276, 364
- Discipline 470, 515
  - among students 109
  - inner 50
- Discovery-oriented approach in science teaching 288
- Divergent
  - marks 373
  - production 409
  - questions 410
  - thinking 163, 164, 205, 206
- Diversification Of
  - courses 67
  - curriculum 32
  - educational system 71
- Divedi's Personality Type Test 203
- Dole's Achievement Motivation Scale 357
- Domain(s)
  - affective 397
  - Political 510
  - religious 510
- Dominance 222
  - submission 225
- Draw-a-man Test 165, 186, 239, 267
- Dropout(s) 71, 100, 121, 123, 129, 154, 214, 473, 478, 536, 584, 586
  - and persistors 536
  - and siblings 478
  - characteristics of 474
  - factors affecting 540
  - families 478
  - girls 498
  - illiterate 537
  - in literacy and functional literacy classes 541

- in primary schools 473
- in tribal situation 134
- rate 85 478, 538
- reasons for 541
- Dutt's Personality Inventory 402
- Dynamics of pressures 500
  
- E**
- Economic(s) 269
  - frustration 89
  - of education 60, 147, 148, 149, 150, 152, 154, 159, 161, 461, 589
  - of university finances 158
  - social mobility and 91
  - strata of society 308
  - values 466
- Education
  - agencies of 60, 63
  - agricultural 40, 53, 54, 162, 465, 530
  - aims of 34
  - and choice of school subjects 223
  - and economic development 154
  - and economy 71, 75, 79, 80, 81
  - and polity 75
  - and religion 71, 76
  - and socialisation 71, 79, 80, 81
  - and socio-economic status 71
  - and State 71
  - and stratification 75, 79, 80, 81
  - art and craft 40
  - as an investment 151
  - as a social phenomena 70
  - at the middle school stage 134, 462
  - catholic 40
  - commerce 54
  - comparative 41, 478
  - compulsory 59
  - content of 161
  - craft 49 446
  - development of 47, 48, 60, 62, 159, 414, 461, 504
  - elementary 28, 39, 52, 58, 86, 138, 146, 465, 466
  - engineering 40, 158
  - for backward classes 61
  - for Harijans 58, 74
  - for social change 538
  - formal 61, 150, 235
  - general 159
  - girls 40, 43, 44, 46, 48, 50, 51, 52, 65, 66, 107, 460
  - health 458
  - higher 28, 39, 43, 44, 47, 48, 58, 60, 64, 66, 92, 108, 113, 114, 115, 139, 140, 143, 146, 152, 162, 265, 457, 458, 480, 482, 584
  - home science 306
  - ideal 69
  - in ancient India 48
  - indigenous 36
  - inservice 139, 306, 405, 433
  - internal efficiency of 154
  - investment in 154, 159
  - kindergarten 457
  - legal 54
  - level of 125, 584
  - manpower planning approach to 154
  - mass 47, 60, 65, 74, 306, 480
  - mathematics 30, 478
  - medical 50, 59
  - modern 46, 432, 433
  - national system of 64
  - nonformal 150, 312, 484, 578
  - nutrition 357, 358
  - of elite 47
  - of handicapped 71, 78
  - of minority and backward group 48 71, 76
  - of scheduled castes and scheduled tribes 71, 95, 458
  - pattern of 129
  - physical 32, 446, 458
  - polytechnic 137
  - political 504
  - population 167, 168, 305
  - pre-primary 47, 48, 55, 59, 457, 534
  - preschool 482
  - preservice 306
  - primary 1, 28, 42, 43, 44, 46, 47, 48, 50, 51, 52, 55, 62, 66, 78, 128, 134, 140, 146, 196, 426, 461, 470, 476, 534
  - principles of 432, 433, 436
  - productive 431
  - professional 39, 40, 44, 53, 54, 55, 142, 150, 159, 482
  - religious 35
  - secondary 39, 42, 44, 45, 47, 48, 50, 51, 54, 60, 64, 66, 110, 111, 116, 128, 134, 140, 143, 286, 293, 312, 426, 457, 534
  - sex 57, 113
  - science 30, 149, 478, 589
  - social 44, 52, 60, 482
  - special 47
  - spiritual 32, 35
  - stages of 455, 457, 478
  - survey of 60, 482
  - technical 40, 47, 49, 51, 52, 53, 54, 55, 60, 67, 140, 159, 478, 482, 578
  - tribal 547
  - universal 52, 74
  - Upanishadic 44
  - vocational 39, 47, 51, 150, 457, 459, 478, 482
  - western 45
- Educational**
  - administrative machinery 461
  - administrative pattern 55
  - administrative system 141
  - and historical assessment 455
  - attitudes 451, 452
  - bureaucracy 475, 476
  - career 583
  - change 52, 75
  - deprivation 76
  - environment 583
  - equipment and activities 226
  - evaluation 323, 376, 377
  - facilities 64, 100, 108, 109, 148, 152, 173, 332, 458, 464, 465, 472, 476, 583
  - innovations 71
  - investment 475, 476
  - need patterns of adults 543
  - needs 455
  - objectives 542
  - opportunity 477
  - pattern 46, 52
  - philosophy 25, 26, 27, 28, 30
  - planning 61, 153, 455, 461
  - policy 47, 71, 271, 298, 461
  - problems 112, 455
  - problems of scheduled castes 84, 89, 98, 99, 100, 118, 121, 126, 130, 517
  - progress 46, 107, 120, 161
  - resources 459
  - schemes 43
  - structure 454
  - systems 38, 43, 64, 70, 71, 75, 118, 137, 162, 293, 297, 583
- Educational administration** 49, 140, 165, 454, 497, 498, 500, 501, 584
  - as a social science discipline 455, 456
  - changing pattern of 64
  - development of 49, 52
  - decentralisation in 585
  - evaluation of 64, 454
- Educational institutions** 582
  - dynamics of 92
  - growth of 582
  - population served by 582
- Educational technology** 281, 415, 416, 419, 420
  - Educational television 102, 282, 306, 326, 582
- Eduometrics** 255
  - Edward's Fry Test 283
  - Edward's Personal Preference Schedule 98 171, 349, 404, 411, 497, 502
- Effectiveness**
  - cost 589
  - of classroom behaviour 420
  - of curriculum 419, 424, 436
  - of examinations 379
  - of formal thematic and mixed prompts 319, 328
  - of instructional materials 323, 441
  - of instructional strategy 327
  - of lecture and lecture-cum discussion method 420
  - of mass media on student's achievement 321
  - of microteaching 411, 428, 434
  - of professional organisation 497
  - of programmed learning 320 323, 325
  - of style of teaching 410
  - of supervision 457, 478
  - of teacher education 468, 479
  - school 492
  - teachers 338, 486
  - teaching 411, 412
- Effects of revaluation on the results** 381
  - Efficiency 478
  - of teaching 153
  - of teaching personnel 456, 457
  - operational 153, 155, 157
  - physical 456
  - professional 457
- Efficient supervisor** 450
  - Elementary education 153, 159
  - cost of 153, 160
- Emotional** 230, 231
  - adjustment 466
  - balance 412
  - changes 232
  - difficulties 418
  - disintegration 431
  - dominant 272
  - expressions 228
  - growth 294
  - integration 277
  - problems 435
  - stability 163, 333, 352, 418, 427
- Enrollment** 91, 157, 159, 160, 161, 162, 478
  - at elementary level 465
  - at school 85
  - change in 95
  - educational 198
  - growth 89
  - in lower primary schools 460
  - in private primary schools 90
  - in tribal schools 460
  - Ph.D. Scholars 514
  - rural 111
- Environment(al)** 49, 140, 300, 529
  - aspect of 281
  - conducive 583
  - determinants 165
  - family 76, 77
  - for learning 415, 419
  - home 100, 184, 224, 229, 332, 345, 356, 418
  - institutional 128
  - parochial 194
  - school 76, 78, 89, 184, 187, 192, 194, 279, 332, 418
  - socio-cultural 70, 418, 436

- socio-economic 335, 345
- Epistemology** 25
- Equalization of**
  - educational finances 158
  - educational opportunities 127
- Errors**
  - analysis 393
  - constant 393
  - deviation 393
  - lexical 294
  - morphological 294
- Ethnocentric** 76
- Evaluation** 364, 409, 419, 468, 477, 478, 501, 586
  - area of 365
  - as a feedback device 455
  - continuous 508
  - criteria of 310
  - external 511
  - in colleges 580
  - internship programme 518
  - internal 306, 508, 511
  - methods 420
  - of adult education programme 540
  - of current supervisory practices 450
  - of curriculum 436
  - of curricular material 309
  - of nationalized textbooks 30
  - of student teacher 306, 420
  - of planning machinery in education 455
  - of practice teaching programmes 447
  - of TV programmes 306
- Examinations** 163, 364, 365, 477
  - annual 67, 68, 90, 250, 257, 381
  - conducting of 155
  - different types of 380
  - entrance 519
  - essay type 373
  - external 492
  - failure in 376
  - home 272, 273, 495
  - internal 492
  - marks 261, 375, 376
  - media of 376
  - nature of 374
  - objective and traditional 372, 511
  - open book type 380
  - oral and written 43
  - periodical 464
  - practical 374
  - problems of 374
  - public 372
  - quarterly 477
  - reform 364, 383, 389, 508, 511
  - results 161, 373
  - school 195, 233, 344, 373
  - semester system 47, 51, 108, 109, 116, 117
  - system of 120, 277, 373, 501, 581, 585
  - terminal 67, 69
  - traditional 372, 374
- Examiners**
  - external 380
  - internal 380
- Expenditure**
  - budgetary 159
  - direct and indirect 162
  - economic elasticity of 159
  - on higher education 161
  - public 158, 159
  - recurring 158
- Expressions**
  - correct written 312
  - linguistic 298
  - literary 298
- Extension education** 534, 535
- Extension service programme** 478
- Extra-curricular activities** 87, 94, 96, 97
- Eysenck's Personality Inventory** 166, 201, 330, 359
- F**
- Facilities** 423, 466, 478
  - accommodation 475
  - educational 157, 356
  - for physico-medical examination 463
  - health service 466
  - library 464
  - mid-day meals 466
  - physical 347
  - playground 463
  - transport 466
- Factor(s)**
  - academic 126, 511
  - adjustment 170
  - administrative 126
  - affecting achievement 331, 349, 365
  - associated with mass copying 583
  - classroom learning 545, 546
  - cognitive 128
  - environmental 125, 341, 417, 487, 536, 545
  - family related 216, 579
  - influencing examination results 387
  - influencing girl's education 483
  - intellectual 213, 348
  - motivation 425
  - non-academic 511
  - non-cognitive 128, 216, 363
  - non-intellectual 351
  - of organisational climate 500
  - perceptual 367, 405, 442
  - personal 348, 470, 579
  - psycholinguistic 300
  - situational 429
  - socio-economic 126, 349, 470
  - sociolinguistic 300
  - sociological 396, 406
  - study related 579
- Failure(s)**
  - percentage 90
  - potential 218
- Farmer's Functional Literacy Programme** 544, 545, 548
  - impact of 549
- Family**
  - atmosphere 223
  - background 228
  - mobility 229
  - outlook 229
  - relations 274
  - size 173, 227, 228, 229
- Fantasy life** 163
- Fashion mindedness** 85
- Fatalism-Scientism Scale** 545
- Fear of Failure** 176, 184
- Feedback** 409, 410, 429, 441, 447, 579
  - audio-tape 579
  - collective 409
  - different sources 420
  - nature of 441
  - peer 429, 579
  - questioning-response 410
  - restrictive 413
  - supervisor 429
  - techniques of 446
  - varying sources of 579
  - written 447
- Female education** 65, 161
- Film strips** 311
- Finger dexterity** 223
- First generation** 76, 87, 92
  - educated 96, 127
  - motivated 127
- First Mental Measurement Yearbook** 213, 364
- Flanagan's Critical Incidents Technique** 417
- Flander's Interaction Analysis Category System (FIACS)** 339, 395, 396, 397, 399, 400, 401, 403, 404, 405, 408, 409, 411, 412, 413, 418, 426, 439, 488
- Flexibility** 157, 158, 253, 254, 267, 413
  - adaptive 193
  - classroom communication 405
  - spontaneous 193
- Fluency** 193, 195, 246, 248, 267
- Folk literature** 278
- Formal education** 91, 115, 159, 582
- Fourth Indian Yearbook of Education** 276
- Frustration** 163, 166, 197, 203, 210, 214, 233
- Frymier's Junior Index of Motivation** 187, 189, 190, 323, 325, 327, 343, 432, 493
- Functional Literacy** 541
  - impact of 541
  - programme 541, 542, 544, 548
  - teaching through Savera Method 547
- G**
- Gage and Weightman's Educational Opinion Inventory** 453
- Ganguli's Test of Social Intelligence** 253
- General Factor of Intellectual Functioning** 253
- General Mental Ability** 103, 203, 207, 261
- General Teaching Competence** 434, 442, 579
- Gifted** 189, 202, 234, 235, 256, 422
- Goddard's Cube Construction Test** 240, 249
- Gordon's Personal Inventory** 219, 262
- Gordon's Personal profile** 262
- Gordon's Work Environment Preference Schedule** 219
- Grace Marks** 374
- Grading system** 377
- Grandall's Intellectual Achievement Responsibility Scale** 519
- Grant-in-aid** 47, 53, 59, 60, 66, 147, 152, 154, 155, 160, 425, 497
  - policy 158
  - rationalization of 64
- Grants**
  - maintenance 430
  - per capita 157
- Grewal's Teacher Attitude Scale** 198
- Group-dependency** 222
- Group factor of nonverbal creativity** 253
- Group factor of verbal creativity** 253
- Group Test of Problem Solving Ability in Mathematics** 369
- Growth**
  - and development 233, 345, 497
  - and enrichment of discipline 312
  - and speed 116
  - cognitive 195
  - economic 145, 151
  - educational 47, 146, 147
  - mental 191, 192, 197
  - moral 191, 192
  - of formal education 582
  - of high school teacher education 440
  - of human capital 156
  - of Indian education 195
  - of inter-disciplinary work 509
  - of professional education 53
  - of student's vocabulary 308
  - population 305
  - professional 491
  - qualitative 148
  - training institutes 51
- Guidance** 478
  - and counselling 209, 264, 271
  - educational and vocational 88, 209, 272
  - facilities 309
  - group 233

- programme 526  
 — services 209  
 — sources of 276  
 — technique 219  
*Guilford's Tests of Creative Thinking* 170  
*Guilford-Zimmerman's Temperament Survey* 129, 271  
*Gujarati Handwriting Scale* 380
- H**
- Haller and Miller's Occupational Aspiration Scale* 131  
*Halpin's Leadership Behaviour Description Questionnaire* 484  
*Holzinger-Crowder Unifactor Tests* 250  
**Handicapped**  
 — children 477  
 — education of 74  
 — physically 55, 204, 216, 463  
 — visually 210  
**Handicraft** 30, 50  
*Hartog Committee* 489  
**Hedonistic**  
 — education 27  
 — psychology 27  
*Helen Bernard's Vocabulary Test* 284, 307  
*Henry and Guezkow's Group Projection Sketches* 103  
*Hermon-Nelson Tests of Mental Ability* 237  
*High School Personality Questionnaire* 170, 211  
**Higher education**  
 — accessibility 505, 506  
 — areas of research 505  
 — curriculum 506, 507  
 — evaluation 507, 508  
 — examinations 373, 374, 501  
 — expansion 504  
 — financing 511  
 — girls 516  
 — grants 152  
 — growth 521  
 — history 504  
 — impact of 510  
 — interest 509  
 — level 43, 507  
 — management 506  
 — need of 513  
 — part time 515  
 — problems: social, political, financial, management 506, 509, 517, 518, 521  
 — quality 505  
 — research priorities 509, 511  
 — review of research 509  
 — semester system 508  
 — student unrest 510, 522  
 — standard of 509  
 — teachers 511  
 — teaching 507  
 — Unit cost 529  
*Hindi orthography* 288  
*Hindu Bal Seva Sadan* 91  
*Hindu system of education* 59  
**History**  
 — of education 38, 39, 44, 46, 51  
 — of Tamil 65  
**Home**  
 — broken 229  
 — conservative 229  
 — scientists 231, 232  
**Hope of success** 176  
*Horn-Hellersberg Test* 396  
*Hotel management and catering technology* 97  
*Hundt's General Mental Ability Test* 206, 348  
*Hypochondriasis* 270  
*Hysteria* 270
- I**
- Idealism* 28, 30, 32, 187  
*Illiterate militants* 468  
*Imagination* 174, 223, 254, 371, 413, 417  
*Incompatibility* 502  
*Independence* 217  
 — conformity behaviour 163, 183  
 — identification and 225  
*Indian education*  
 — social and political influence on 64  
 — various aspects of 47, 59  
*Indian Engineering Aptitude Test* 255  
*Indiscipline*  
 — causes of 88  
 — student 88, 489  
*Individual Adult Intelligence Scale* 265  
*Individual differences* 196, 229, 232  
 — programmed learning and 320  
*Informal education* 537  
*Innovations* 419, 587  
 — adoption/diffusion of 88, 169, 449, 450  
 — change 77, 78, 97, 485  
 — characteristics of 88  
 — in higher education 585  
 — in teacher training institutions 433  
 — intrinsic and extrinsic characteristics 88  
 — resisting factors of 433  
*Innovative*  
 — ability 486  
 — practices 377, 419, 585  
 — schools 97  
 — teachers 97, 491  
 — technique 446  
*Innovativeness Scale by Doctor* 467  
*Insecurity* 222, 532  
*Inspection and supervision* 66, 315, 445, 457, 468, 469, 482  
*Institutional Climate Description Questionnaire* 93, 490  
*Institutional Costs* 532  
 — discipline 445  
 — educational planning 455  
 — factors 502  
 — framework 105  
 — grant 156  
 — size 158  
*Institutionalised non-normals* 224  
*Institutions*  
 — co-educational 107  
 — commercial 231  
 — educational 71, 99, 226, 231, 276, 487, 492, 553  
 — government 424  
 — higher education 63  
 — industrial training 578  
 — non-professional 126  
 — of engineering and technology 219  
 — of secondary education 96  
 — of technical education 162  
 — of women 65  
 — pre-primary 63  
 — private 53  
 — private aided 424  
 — professionals 126  
 — residential 423  
 — teacher training 416, 417  
 — technical 474  
 — technological 219  
 — vocational 474  
*Instruction*  
 — aids 539  
 — and research 157  
 — auto 320  
 — bilingualism of 334  
 — for hostel dwellers 158
- improvement of 485  
 — inadequate 372  
 — management 589  
 — medium of 60, 64, 221, 334, 335, 374, 488  
 — moral 59, 60, 277  
 — personal 316  
 — quality 364  
 — television 320
- Instructional Materials* 289, 290, 314, 334, 327, 363, 400, 431, 434, 437, 442, 445, 478, 536, 537, 542, 590
- Instructional objectives* 282, 304, 320, 322, 326, 409, 410, 419
- Instructional practices* 484, 485
- Integrative complexity* 192
- Intelligence* 94, 103, 163, 164, 168, 174, 191, 203, 204, 220, 225, 226, 249, 251, 258, 259, 262, 268, 269, 274, 278, 291, 292, 300, 305, 313, 314, 320, 322, 323, 324, 325, 327, 329, 331, 333, 334, 343, 345, 346, 349, 354, 355, 362, 364, 370, 371, 396, 412, 417, 431, 434, 435, 437
- abstract 253, 254  
 — and academic achievement 323  
 — a psychological study of 90  
 — crystallized 206, 207  
 — fluid 207  
 — general 106, 131, 132, 166, 171, 249, 261  
 — horizontal versus vertical 258  
 — levels of 104, 183, 204, 205, 300, 303, 314, 329, 332, 333, 348, 363  
 — mechanical 253, 254  
 — nonverbal 335, 341  
 — of tribal and nontribal school children 76, 50  
 — social 253, 254  
 — verbal 169, 249, 251, 335, 341
- Interaction*  
 — analysis 169, 420, 434  
 — child-parent 220, 221  
 — cultural and social 414  
 — student teacher 198
- Interest* 50, 198, 225, 233, 314, 352, 357, 362, 364, 492  
 — academic 350, 351  
 — aesthetic 198, 233, 350, 351  
 — agricultural 269  
 — aspects of 212, 232  
 — business 233  
 — clerical 233, 350, 351  
 — clinical 233  
 — economic 189, 536  
 — engineering 255  
 — fine arts 269  
 — general 295  
 — health 537  
 — in mathematics 332  
 — in reading 437  
 — in scientific activities 234  
 — in social service 268, 537  
 — in teaching 419, 427, 476  
 — in profession 398  
 — inventory 212, 398  
 — lack of 484  
 — mathematical 241, 255  
 — mechanical 233, 255, 350, 351  
 — musical 344  
 — mythological 513  
 — nature of 233  
 — of student teachers 188  
 — outdoor 233, 350, 351  
 — patterns 103, 188, 189, 232, 233, 263  
 — personal 226  
 — political 476  
 — recreational 534, 537  
 — religious 537  
 — scales 268  
 — scientific 189, 233, 350, 513

— social 189, 198, 233, 350, 537

— special 223

Internationalism 28, 32

Interpersonal relations 116, 133, 135

Intramural and inter collegiate meets 314

Introversion extroversion 164, 225, 244, 320, 330, 333, 350, 352, 359, 363, 396, 418, 427, 510

**Inventory**

— adjustment 263

— interest 263, 245, 356

— study habits 263

IPAT High School Personality Questionnaire 352

IPAT Culture-Fair Intelligence Test 206

Isolates 104, 228

### J

Jain's Home Environment Scale 362

Jain's Study Habits Inventory 466

Jai Prakash's Teaching Aptitude Test 402

Jalota's General Mental Ability Test 103, 171, 188, 200, 206, 211, 218, 234, 238, 253, 258, 261, 265, 336, 342, 348, 352, 355, 363, 375, 401, 410, 431, 519

Jalota's Socio-Economic Status Questionnaire 171, 211, 518, 519

Jamuar's Study Habit Questionnaire 344

Jenkin's Nonverbal Test of Intelligence 243

Jersield's Interest Finder 103

**Job**

— adjustment 424

— aptitude 461

— awareness 531

— motivation 439, 501

— opportunities 531

— performance 295

— requirement 295

— satisfaction 114, 219, 420, 424, 438, 499, 451, 452, 458, 462

— status 418

— success 295

Job Anxiety Scale 502

Job Motivational Analysis Form 502

Joshi and Pande's Test of Study Habits and Attitudes 348

Joshi's Group Test of General Mental Ability 203, 204, 211, 258, 273, 353, 362, 528

Junior Resonality Inventory 206

Juvenile delinquency 70, 74, 78, 94, 131, 163, 217

### K

Kamat's Intelligent Test 221, 239, 266

Kapat's Intelligence Test 197

Kapoor and Kocher's Socio-Economic Status Scale Questionnaire 182

Kerala Nonverbal Tests of Intelligence 240, 261

Knowledge of results 202

Koh's Block Design Test 90, 240, 249

Kuder's Preference Record 236, 245, 344

Kulshrestha and Day's Socio-Economic Status Scale 198

Kulshrestha's Study of Values 466

Kuppuswami's Socio-Economic Status Scale 103, 104, 166, 171, 173, 176, 185, 186, 188, 190, 191, 197, 198, 201, 202, 203, 204, 211, 251, 326, 336, 341, 355, 356, 361, 408, 410, 432, 525, 533

### L

Labour force 102

Language Ability Test in Gujarati 388

Language development 175

— tests 367

Leadership 128, 531, 535  
 — behaviour 128, 129, 457, 466, 467, 472, 473, 479, 490, 492, 495  
 — behaviour dimensions 467  
 — behaviour pattern 467, 468  
 — effective 457  
 — instructional 457, 485  
 — power maintenance 128, 129  
 — qualities 456  
 — style 432  
 — supervisory practices and 485  
 — village 476

Leadership Behaviour Description Questionnaire 432, 468, 473, 479, 492, 493, 499

Leadership power syndrome 128

Learning 163, 164, 166, 371

— ability 186, 206, 207

— classroom 195

— digit 207

— disabilities in algebra 173

— figural 207

— formal and nonformal 50

— language 172

— motor 202, 203

— oriental 45

— paired associate 166, 204, 206

— performance 174

— process 197

— self 429

— serial 206, 207

— transfer of 322

— verbal 202, 203, 207

Leisure time activities 100, 129, 513

Lele's Group Intelligence Test 301

Library research 42, 43, 44, 49

Linear programme 322, 323, 329, 330

— in chemistry 329

— in educational evaluation 323

— in educational statistics 322

— in elementary algebraic concepts 323

— in English spellings 328

— in Geography 328

— in geometry 325, 326

— in physics 325

— in research methods 327

Linguistic expresion 304

Listening Comprehension Test in Gujarati 386

**Literacy**

— adult 52

— among scheduled castes 89, 91

— attainment levels 547

— factors affecting 545

— female 161

— of parents 95, 101

— of younger generation 101

— perceptions 540

— rate of 85

— skills 541, 542, 547, 548

Literature 59

— Buddhist 36

— folk 546

— Gujarati 58

— Jain 36

— religious 546

— sociology of 136

— Tamil 40

— western 87

Lodhal and Kejner's Job Involvement Inventory 219

Logical thinking 262

Lovell's Concept Formation Test 186

Lovell's Hidden Figure Test 186

### M

Madhukar Patel's Intelligence Test 191, 409, 434, 443

Maladaptability 100

Maladjustment 230, 293

— among juveniles 215, 229

— emotional 261

— health 261

— home 261

— in school 131, 210, 222

— of retarded students 234

— students 244, 248

Mandler and Sarason's Test Anxiety Scale 519

Mann's Classroom Social Distance Scale 103

Mann's Scale for Opportunities in Human Relations 103

Mann's Social Analysis of Classroom 103

**Manual training**

— introduction of 66

— manual dexterity 375

Marital relations 116, 536

**Masculinity-feminity 270**

Maslow's Security Insecurity Test 236, 271

Mass copying 583

— factors associated with 583

Mass media 123

— in learning 85

— of communication 99, 124

Mastery learning 377, 582

Mathematical Achievement Survey Test 283

Mathur's Educational and Occupational Aspiration Questionnaire 525

Matriarchal family 101

Maudsley's Personality Inventory 165, 183, 207, 208, 235, 236, 245, 271, 351, 352, 363, 400, 427

Maximising difference game 171

McClelland and Friedman's TAT Pictures 172, 328, 353, 443

McClelland's N-achievement Test 530

Mechanical Reasoning Test 253

Medium of instruction 37, 87, 331, 341, 385, 457, 462, 465, 479, 516

Mehdi's Test of Creative Thinking 201

Mehrabian's Achievement Orientation Scale 519

Mehta's Authoritarian Behaviour Scale 193

Mehta's General Intelligence Test 258, 323

Mehta's Secular Attitude Scale 193

Mehta's TAT Picture Cards 171, 185, 525

Memory 329, 371, 409

**Mental**

— conflicts 234

— health 48, 207, 208, 235

— hygiene 215

— power 33

— retardation 266

— status 242

**Mental ability** 185, 355, 431

Merril-Palmer's Personality Rating Schedule 226

**Methods**

— assignment 425

— autolingual and cognitive code 313, 314

— chalk and talk 283

— cognate 312

— cognitive code 313, 314

— creative teaching 409

— deductive 298

— eclectic 419

— guidance 218

— inductive 298

— informal 583

— lecture 322, 329, 425, 435, 445, 581

— lecture-cum-discussion 434, 435

— means of teaching and 414

— nondirective 282, 296

— of child rearing 101

— of evaluation 425, 427

— of teaching 69, 276, 298, 314, 322, 421, 424,

425, 433, 434, 436, 580

— programmed learning 325, 326

— question-answer 412

- seminars 425, 400
- sources of educating teachers and 414
- symposium 425
- traditional 281, 282, 322, 325, 326, 328, 409, 411, 419, 428, 458
- Methods of teaching**
  - activity-based 281
  - audio-visual 173
  - bilingual 282
  - Dalton 32
  - direct 32, 282
  - discussion 35
  - heuristic 32
  - playway 32
  - problematic 32
  - project 32
  - questioning-answering 35
- Michigan Test of English Language Proficiency** 323
- Micro teaching** 338, 396, 411, 415, 419, 420, 426, 428, 434, 437, 441, 452, 579
- audio-modelling and 453
- classroom behaviour and 411
- components of 429
- feasibility of 446
- modified 428, 429
- settings 442
- standard 428, 429
- technique 441
- Mid-day meals** 155
- Minnesota Paper Form Board Test** 340
- Minnesota Personality Scale** 89
- Minnesota Pre-School Scale** 226
- Minnesota Teacher Attitude Inventory** 199, 403, 404, 412, 413, 432
- Mittal's Adjustment Inventory** 348
- MMPI Scale in Indian Conditions** 270
- Mobile Education Training Teams** 63
- Mobile Library Service** 60
- Modernity** 411
- Modelling**
  - audio 579
  - perceptual 579
- Mohsin's Test of General Intelligence** 354, 386
- Montessori System** 58, 59, 91
- Mooney's Problem Checklist** 166, 184, 202, 211, 530
- Moral**
  - aspects of 305
  - instruction 278, 305
  - principles 504
- Morale** 466, 467, 511
  - of teacher's 455, 475, 479, 480, 490, 494
- Mother identification** 225
- Mother-tongue** 279, 283, 294, 302, 334, 335, 342, 345, 349, 351, 400, 406
- as medium of instruction 580
- textbooks 304
- Motivation** 50, 55, 78, 163, 166, 173, 300, 343, 371, 397, 457, 467, 478, 511
  - extrinsic 532
  - pupil 457, 493
  - to teach 416
- Motivation training for mental health** 169
- Mukerjee's Sentence Completion Test** 168, 172, 332, 356
- Mukherjee's Forced Choice Questionnaire** 344
- Multiphasic Personality Inventory** 89, 248
- Murray's Needs Test** 211
- Muslim(s)**
  - community 127, 128
  - education 293
  - educational system 43, 59
- Muthaya's PF Test** 197
- Nafde's Nonverbal Test of Intelligence** 179, 216, 238, 240, 243, 258, 261, 336, 341, 345, 346, 347, 359, 375
- Naik-Lawler formula** 160
- Nai-Talim** 32
- National examination** 377
- National integration** 89, 112, 113, 140
- Nationalised textbooks** 287, 288, 289
- Nationalism** 57
- Naturalism** 27, 28, 29, 31, 32
- Need(s)**
  - individual 430
  - of acquisition 412
  - of exhibition 412
  - of inferior teachers 412
  - of superior teachers 412
  - professional 419
  - psychologic 304
  - psychological 454
  - satisfaction 432
  - training 419
- Need for achievement** 165, 169, 171, 172, 176, 177, 324, 325, 331, 332, 334
- Nelson's Biology Test** 404
- Nemaun-Kohlstd's Test for Introversion-Extroversion** 203, 229
- Neo-literates** 536, 537, 545
  - attainment of 540
  - literature for 537
  - needs and interests of 546
  - vocabulary of 536, 538
- Neuroticism** 227, 266, 271, 363, 418
  - scale for assessing 266
- Neurotic versus stable** 270
- Non-Basic primary school** 149
- Non-directive teaching** 296
  - role playing 296
  - simulated 296
  - social skill teaching 296
  - T-group 296
  - team teaching 296
- Non-Formal Education** 150, 312, 484, 534, 536, 537, 539, 578
  - evaluation of 535
  - priorities in research 539
  - problems of 539
  - research 534, 535, 536, 537, 538
- Non-language Preference Record** 103
- Nonverbal Test of Intelligence (NIIP)** 218
- Nonviolence** 32, 36
- Norms** 265, 268, 270, 272, 274, 379, 381, 382, 440, 483
  - age 237, 238, 240, 242, 244, 261, 383, 384
  - centile 261
  - educational 189, 190
  - grade 237, 238, 240, 242, 261, 383, 384
  - percentile 243, 244, 245, 380, 381, 382, 383, 384, 386, 387, 389, 391, 393
  - sex 240
  - standard scores 381, 384, 387, 391
  - stains 389
  - success 393
  - system 440
  - T scores 387, 389, 391
  - Z scores 389
- Norm referenced testing** 377
- Nutritional status** 217, 231
- O**
- Objectives**
  - affective 297
  - behavioural 400
  - comprehension 397
  - psychomotor 297
  - teacher education programme 440
- Occupation** 129, 268, 468, 581
- Occupational**
  - and vocational scales 417
- areas** 225, 579
- aspirations** 70, 71, 92, 97, 98, 99, 107, 118, 124, 184, 185, 511, 518
- choice** 96, 230, 415, 416
- differential** 211
- information** 224
- interest** 210
- mobility** 586
- training course** 163
- Occupational Aspiration Scale** 211, 518
- Oliver-Brown's Self Reporting Inventory** 437
- Omnibus Test of Intelligence** 268
- Organisation**
  - classroom 397
  - cocurricular activities 441
  - educational 242
  - elemetary education 141
  - industrial 242
  - internal 499
  - inter-school 440
  - pattern of 428
  - planning and 455, 460
  - private 463
  - professional 439
  - secondary education 141
  - teacher education 142
  - teacher education institution 425
  - teaching-learning process 429
  - trade 483
  - university education 141
- Organisational** 314
  - aspects 510
  - atmosphere 219
  - change 513
  - climate 71, 111, 411, 431, 432, 455, 459, 461, 466, 468, 469, 484, 485, 486, 500, 518
  - patterns 49, 412, 584
  - problems 460, 537
  - structure 314, 454
- Organisational Climate Description Questionnaire** 211, 411, 432, 468, 469, 484, 486, 492, 493, 499, 500, 527
- Originality** 64, 248, 267
- Otis' Group Test of Intelligence** 237
- P**
- Panchal's Neurotic Scale** 227
- Pandey's Teaching Aptitude Test** 397
- Pareek and Chattopadhyay's Semi-Structured Projective Technique** 540
- Pareek and Rao's Pre-Adolescent Adjustment Scale** 325, 408, 409
- Pareek and Trivedi's Socio-Economic Status Scale** 176, 191, 540
- Pareek's Picture Frustration Study Test** 203
- Pareek's Pre-Adolescent Initiative Scale** 409
- Parekh's Basic Vocabulary** 287
- Parental**
  - attitude 583
  - background 584
  - deprivation 208
  - education 173, 178, 201, 207, 261, 333, 342, 382
  - encouragement 331
  - expectations 201
  - income 173, 178, 201, 261, 302, 333, 384
  - literacy 384
  - occupation 85, 178, 201, 302, 333, 342
  - socio-economic status 207, 291
- Parent-child relationship** 106, 222
- Parent-teacher**
  - association 462
  - relationship 101

- Pasadena's Pupil Judgement Test 258  
 Passi's Test of Creativity 409  
 Patel's Anxiety Scale 189  
 Patel's Teacher Efficiency Inventory 452  
 Patel's Family Adjustment Inventory 223  
 Patel's Nonverbal Test of Intelligence 533  
 Patel's Self Esteem Scale 227  
 Pathak's Belief Scale 190  
 Patted's Teacher's Perception Scale 405  
**Peer**  
 — group influences 71  
 — tutoring 582  
**Perception(s)**  
 — of achievement 187, 345  
 — of girls 499  
 — of student-teachers 142, 427  
 — professional 439  
 — pupils 265  
 — self 437, 442, 443, 579  
 — teacher's 323, 442, 479, 480, 481  
 — teacher's Instructional goal 406  
**Perception-cum-Attitude Survey Scale** 45  
**Performance**  
 — non-academic 353  
 — standards 483  
 — school 190  
 — scholastic 246, 302, 341, 343, 468  
 — student's 408, 474, 514  
 — task 179  
**Performance Tests for Blind** 262  
**Personality** 71, 129, 131, 163, 164, 166, 202, 203, 205, 226, 252, 259, 355, 364, 417, 469, 472, 529  
 — adjustment 182, 199, 231, 343, 396, 418, 427  
 — attributes 357  
 — balanced 33  
 — characteristics 181, 188, 196, 321, 333, 334, 336, 350, 360, 361, 362, 415, 417, 420, 432, 450, 469, 518  
 — correlate 101, 164, 176, 273, 354  
 — development 70, 71, 77, 139, 165, 212, 515  
 — dimensions of 363  
 — extension of 102  
 — factors 184, 206, 258, 350, 352, 356, 359, 360, 402, 468, 473, 494, 495  
 — individual 49  
 — inventories 165, 398  
 — of juvenile delinquents 165  
 — of student leaders 163, 188, 528  
 — pattern 117, 163, 181, 201, 469  
 — profiles 168, 184, 255, 333, 336, 528  
 — ratings 421  
 — status 122  
 — structure 166, 418  
 — traits 106, 166, 184, 201, 202, 203, 207, 210, 252, 329, 331, 342, 343, 355, 395, 417, 418, 457, 465, 510  
**Pettigrew's Estimation Questionnaire** 193  
**Philosophy of**  
 — Bertrand Russell 27  
 — Bhagvat Gita 27  
 — Gandhi 28, 35  
 — John Dewey 31  
 — Locke 34  
 — Shah Waliullah 29  
 — Shankaracharya 35  
 — Swami Vivekananda 29, 32, 56  
 — Tagore 36, 580  
 — Tulsi 29  
 — Upanishads 27  
 — Valmiki 61  
 — Vinoba Bhave 31  
 — work-oriented education 35  
**Physical**  
 — age 371  
 — appearance 518  
 — capital information 156  
 — conditions 231, 265  
 — development 224, 227  
 — differences 488  
 — education 45, 89, 278, 314, 371, 414, 463, 464  
 — education test 371  
 — expenditure on 463  
 — facilities 156, 157, 306, 448, 449, 581  
 — growth 227  
 — health 48, 197  
 — intimacy 516  
 — maturity 291, 292  
 — measurements 347  
 — movements 222  
 — punishment 91  
 — responses 222  
 — sciences 105, 186, 371  
**Physics Resource Material (PRM)** 178, 339  
**Planning**  
 — comprehensive 64  
 — financing and 464  
 — institutional 64, 88  
 — realistic 64  
 — unit 88  
**Political awareness** 468  
**Politicisation of student leaders** 126  
**Porteus' Maze Intelligence Test** 220  
**Practice**  
 — supervisory 420  
 — teaching 431, 436, 450, 579  
**Pragmatism** 28, 30, 65  
**Pre-Adolescent Adjustment Scale** 171  
**Pre-Adolescent Classroom Trust Schedule** 171  
**Pre-Adolescent Dependency Scale** 171, 325  
**Premalatha's Battery of Nonverbal Test of Intelligence** 239  
**Primary education** 89, 161  
 — compulsory 61, 459, 476, 478, 489  
 — conditions of 458  
 — development of 61, 63, 458, 485  
 — free 476  
 — programme of 485  
**Problem(s)** 219, 425, 493, 495, 496  
 — achievement 510  
 — administration 476, 477  
 — adolescent girls 201  
 — arithmetic 271  
 — behaviour 228, 229  
 — children 91  
 — compulsory education 459  
 — curricular development 507  
 — diffusion 425  
 — disparity 35  
 — elemetary education 458  
 — employment 75, 115  
 — fresh teachers 421  
 — high school students 353  
 — home 211  
 — indiscipline 35  
 — individual difference 196  
 — language learning 307  
 — language teaching 297, 298  
 — moral 202  
 — personal 211  
 — religious 202  
 — semantic 307  
 — sex 211  
 — school 211, 482  
 — social 211  
 — spiritual matters 202  
 — teacher education 138  
 — uneconomic schools 501  
 — unemployment 35  
 — university 142, 462  
 — women education 498, 499, 517  
**Productivity**  
 — and income 158
- of education 150, 156  
 — per individual 162  
 — thinking 167  
**Professional**  
 — adjustment 435  
 — attitudes 246, 418, 423, 432, 449, 500  
 — awareness 77, 111  
 — cohesiveness 77  
 — competencies 429, 498, 587  
 — courses 518  
 — degree 92, 156  
 — education 110, 516  
 — efficiency 440, 441, 496  
 — equipment 484  
 — experience 466  
 — growth 450, 481  
 — guidance 434  
 — information 398  
 — jobs 450  
 — leadership 450  
 — positions 517  
 — problem 481, 588  
 — qualification 488  
 — resources 496  
 — satisfaction 440  
 — skills 450  
 — training 417, 440, 452  
**Programme** 423  
 — branching 326  
 — effectiveness 318, 421  
 — in educational statistics 318  
 — in English spelling 328  
 — inservice 425  
 — instruction 582  
 — intrinsic 326  
 — language 326  
 — linear 316, 319, 326  
 — mathematics 326  
 — preservice training 421  
 — self instructional 321, 324  
 — skip and hybrid 318  
**Programmed learning material** 316, 317, 318, 319, 320, 321, 326, 328, 329, 415, 420  
 — and individual differences 317, 320  
 — and instructional media 317  
 — approach 318  
 — attitude towards 324  
 — different forms of 317, 318  
 — different uses of 317, 319  
 — educational technology and 317  
 — effectiveness of 317, 318  
 — for different subjects 317  
 — forms of 320  
 — for teaching research methodology 327  
 — research needs in 320  
 — second thoughts on 316  
 — validated 319  
 — versus conventional learning 326  
**Progressive retardation in cognitive skills** 166, 167  
**Prompts** 324, 325, 329  
**Psychological**  
 — characteristics 467  
 — determinants of problem behaviour 184  
 — education 175, 176  
 — incentive 111  
 — input 175, 176  
 — make-up 198  
 — mindedness 253  
 — problems 216  
 — traits 175  
**Psychopathic deviate** 270  
**Psycho-social-forces** 222, 235  
**Pupil Control Ideology Form** 469  
**Purdue Teacher Opinionnaire** 432, 468, 479, 486  
**Purdue Teacher's Morale Inventory** 466

**Q**

**Qualitative**  
 — analysis 35  
 — growth 66  
**Qualities**  
 — intellectual and moral 226  
 — of good teachers 348, 440  
**Question bank(s)** 377, 383  
**Quotients of height and weight** 269

**R**

**Raina's F-Scale** 427  
**Rangachar Satyamurthy Selection Battery** 202, 371  
**Rao's Study Habit Inventory** 343  
**Rastogi's Study Habits Inventory** 357  
**Rath and Kar's Attitude Scale** 195  
**Raven's Advanced Progressive Matrices** 258  
**Raven's Coloured Progressive Matrices** 194  
**Raven's Standard Progressive Matrices** 93, 128, 129, 131, 165, 166, 183, 186, 189, 191, 195, 198, 205, 211, 229, 230, 235, 238, 240, 243, 244, 257, 261, 262, 271, 274, 283, 323, 326, 327, 348, 349, 354, 361, 401, 435, 437  
**Ray Chowdhury's Aligarh Verbal Intelligence Test** 186  
**Readability** 301, 302  
**Reading**  
 — ability 301, 326  
 — comprehension 301, 547  
 — extra 426  
 — factors affecting speed of 300  
 — oral 285  
 — readiness test 279, 296  
 — silent 285, 368  
 — skill in English 318  
**Reading oriented E.L.T. strategy** 300  
**Reading Readiness Test by NCERT** 583  
**Realism** 65  
**Reasoning**  
 — abstract 216  
 — mathematical 366  
 — numerical 241, 393  
 — pictorial 241, 266  
 — problem solving and 166  
 — scientific 34  
 — spatial 393  
 — thinking and 371  
 — verbal 216, 241, 266  
 — Reflective thinking 31  
**Reinforcement**  
 — conditions 205, 295  
 — schedules of 330  
 — social 354  
**Relationship**  
 — inter-personal 219, 437, 472  
 — parent-adolescent 108  
 — principals and unions 515  
 — parent-child 106, 222  
 — student-teacher 109, 429  
 — teacher-community 481  
 — teacher-parent 101  
**Religious Attitude Scale** 121  
**Remedial measures** 280, 294, 371, 419  
**Residential schools** 104  
**Resources**  
 — financial 478  
 — human and material 312  
**Response**  
 — covert 330  
 — mode 329  
 — overt 330, 324, 325  
 — prompt 324, 325  
**Rokeach's Dogmatism Scale** 469

**Role conflict** 502, 527  
**Role performance** 425, 502, 527  
**Rorschach's Inkblot Test** 101, 163, 165, 201, 252  
**Rorschach's Psycho-Diagnostic Test** 182, 202  
**Rosenzweig's Picture Frustration Test** 165  
**Rosner's Auditory Analysis Test** 172, 283  
**Roswell-Chall's Auditory Blending Test** 283  
**Roth's Staff Satisfaction Inventory** 449  
**Rotter's Aspiration Test** 195  
**Rotter's I-E Scale** 85, 131  
**Rotter's Incomplete Sentence Blank** 165  
**Roy's Group Intelligence Test** 166

**S**

**Sarason's General Anxiety Scale** 190, 205  
**Sargent Report** 146, 489  
**Saxena's Personality Adjustment Inventory** 103, 131, 166, 188, 204, 211, 343, 375, 427  
**Scholastic Aptitude Test** 268  
**School (s)**  
 — achievement of talented students 352  
 — advanced 485  
 — assemblies 437  
 — climate 210, 213, 457, 467, 469, 472, 473  
 — complex scheme 64  
 — differences 220  
 — English versus Vernacular 66  
 — environment 467, 479  
 — facilities 459  
 — feeding programme 488  
 — government 48, 340, 436, 492  
 — home science 414  
 — improvement 462  
 — junior Basic 458, 465  
 — location 376  
 — management 207, 481  
 — multipurpose 459  
 — nontribal 187  
 — organisation 71, 432, 433, 436, 443, 477  
 — panchayat 479  
 — participation 89, 90  
 — perception 345  
 — performance 89, 90, 105  
 — practising 451  
 — private 340, 379  
 — public 40  
 — residential 103  
 — shift 481  
 — size 374, 376, 449, 467, 583  
 — technical 414, 459  
 — ungraded 473  
**Science club** 88  
**Science education** 281  
**Secondary education**  
 — access to 223  
 — administration of 138  
 — boards 501  
 — development of 57, 160  
 — excellence and quality in 65  
 — financing 57, 65, 155  
 — general quality of 66  
 — reorganization of 67  
**Secondary Education Commission** 278  
**Secondary School(s)**  
 — classroom climate in 488  
 — preparation of teachers 449  
 — teachers 232, 398, 418, 431, 433, 436, 443, 481  
**Security and insecurity** 265, 271  
**Secularisation** 119  
**Segregation of sexes** 112  
**Self**  
 — acceptance 417  
 — confidence 412, 451, 538  
 — control 232  
 — education 34  
 — employed persons 578  
 — enhancement 265  
 — evaluation 491  
 — image 100  
 — incentive 48  
 — instructional programme 319  
 — learning projects 434  
 — presentation 63  
 — realisation 31, 32, 35  
 — reliance 57, 228  
 — reporting inventory 272  
 — study 36, 43  
**Self-actualization**  
 — acceptance 216, 253  
 — conflict 254  
 — sufficiency 253, 538  
 — understanding 216  
**Self concept** 169, 180, 182, 187, 189, 213, 219, 220, 230, 234, 344, 345, 404, 405, 418, 437, 579, 589  
 — cooperativeness 129  
 — development of 164, 437  
 — inventory 210  
 — leadership role 129  
 — of academic ability 129  
 — of adolescents 219, 346  
 — of teachers 435  
 — perception 234, 235, 413, 484, 541, 579  
**Self Concept Rating Scale** 191  
**Self esteem** 100, 101, 163  
 — changes 227  
 — group 227  
**Self-Perception Test** 258, 413  
**Semantic classes and relations** 181  
**Semantic Differential Test** 177  
**Sensitivity for new ideas** 485  
**Sentence Meaning Test** 296  
**Sequential Association Test** 181  
**Sequential Attainment Testing** 378  
**Sex**  
 — differences 92, 93, 108, 109, 132, 179, 204, 223, 227, 249, 256, 264, 332, 374, 379, 386, 407, 543, 586  
 — education 305  
 — interest 232  
 — opposite 101, 226  
 — problem of 232  
 — role identification 185  
 — Shanker's on the Spot Painting and Writing Test 257  
**Shah's Nonverbal Group Test of Intelligence** 407  
**Shah's Numerical Ability Test** 242  
**Sharma's School Organisational Climate Description Questionnaire** 473  
**Sharma's Socio-Economic Status Scale** 357  
**Sherry's Adult Intelligence Test** 435  
**Sherry and Verma's Personal Value Questionnaire** 104, 133  
**Silent Reading Comprehension Test in English** 367  
**Silent Reading Test in Gujarati** 367  
**Simla Conference** 53  
**Singh's Group-Test of General Mental Ability** 235  
**Singh's Interest Record** 188, 198  
**Singh's Teacher Value Inventory** 418  
**Sinha's Adjustment Inventory** 336, 355, 412  
**Sinha's Anxiety Scale** 273, 336, 355, 362, 411, 412  
**Sinha's Level of Aspiration Test** 336, 355  
**Skill(s)**  
 — acquisition of 466  
 — and process of planning 455  
 — based feedback 442  
 — behavioral 425

- cognitive 183
- communication 224
- components of reading 279
- comprehension 300, 547
- conceptual reading 300
- contextual reading 300
- epitomising 178
- guided composition 178
- instructional 438
- intellectual 224
- language 178, 207, 278, 302, 371
- learning 278
- listing and note making competence 178
- listening comprehension 178, 207
- muscular 224
- of achieving closure 442
- of body movement 447
- of explaining 437
- of fluency in questioning 442
- of increasing pupil's participation 437
- of introducing a lesson 442
- of making plausible interpretation 438
- of planning 438
- of probing questioning 442, 453
- of questioning 438, 452
- of reinforcement 442
- of writing test items 438
- of writing instructional objectives 437, 438,
- perceptual reading 300
- reading 279, 300, 546, 547
- reading comprehension 178, 207, 300
- related to classroom management 438
- related to home management 484
- related to pupil attention 438
- related to pupil participation 438
- related to sensory channels 447
- related to stimulus variation 446
- social 49, 281
- socio-emotional 224
- speaking 207
- teaching 390, 417, 420, 426, 446
- writing 207
- Smith and Inkles' Overall Modernity Scale 85, 193
- Social
  - acceptability factor 226
  - activities 108
  - adaptability 99
  - adjustment 268
  - ambition 583
  - attitudes 540
  - background 70, 94, 116, 418, 583
  - behaviour 412, 501
  - climate 77
  - cohesiveness 135
  - distance 135
  - elevation 48
  - environment 222, 229
  - interaction 516
  - habits 460
  - intelligence 267
  - maturity 220, 221, 266, 267
  - mobility 102
  - order 276, 472
  - organisation 48, 110, 111
  - participation 100
  - perception 135
  - prejudice 101, 102
  - reform 31
  - reinforcement 588
  - restraints 460
  - scientists 72
  - service 531
  - significant 425
  - stereotypes 102
  - structure 86, 517
  - system 71, 502
- Sociability 105, 203, 218
- Social Education 534, 535, 537, 538, 539, 542, 543, 545
- Socialisation 69, 71, 76, 121, 165
  - and advancement of knowledge 70
  - at home 71
  - political 70
- Socialism 28
- Socialistic democracy 32
- Socio-economic status 71, 89, 110, 122, 128, 129, 132, 155, 167, 168, 169, 170, 171, 172, 173, 176, 183, 185, 190, 192, 193, 198, 199, 201, 204, 210, 212, 221, 227, 229, 230, 232, 242, 268, 271, 274, 275, 278, 293, 305, 313, 314, 325, 331, 332, 333, 334, 335, 340, 344, 345, 350, 355, 356, 357, 360, 361, 362, 386, 390, 397, 406, 417, 443, 461, 469, 481, 517, 519, 523, 524, 539, 540
- and education 71
  - of parents 71, 77, 134, 200, 229, 407
  - of student teacher 190
  - of teacher 411, 464, 498,
- Sociological
  - analysis 96
  - study of female students 100
  - study of public schools 96
- Socio-psychological
  - conditions 416
  - factors 201, 213, 544, 545
  - surveys 93
- Sociology
  - of education 41, 69
  - of educational institutions 71
  - of educational development 70
  - of recreation 69
- Sociometric cohesiveness 135
- Sohni's Test for Character and Temperamental Traits 347
- Spiritualism 26, 49
- Spiritual powers 33
- Stability and mobility 481
- Stagnation 45, 55, 71, 121, 195, 477
  - incidence of 460
  - in primary schools 473
  - rate of 474, 479
  - wastage and 61, 112
- Status
  - biochemical 217
  - clinical 217
  - economic 45, 107, 108, 113, 224, 262, 485, 516
  - educational 118
  - marital 110, 199, 418, 436
  - nutritional 217, 456
  - occupational 76
  - of intelligence 396
  - of school 467
  - of teaching 439
  - physical 213
  - professional 439
  - psychological 217
  - residential 218
  - sociometric 128, 188, 226
  - social 45, 76, 462
- Strong's Vocational Interest Blank 236, 241, 250
- Stroop's Colour Word Interference Test 93, 183, 195
- Structure of Intellect Model 409
- Student's (Pupil's)
  - academic life 130
  - backward class 134
  - central ideology 479, 480
  - family background 76, 130, 132
  - interest pattern's 77
  - leadership 110, 126, 516, 532
- Student Adjustment Questionnaire 320, 231
- Student appraisal 210, 212
- Student-Teacher 411, 413, 420, 423, 429, 431, 432, 434, 435, 441, 442, 443, 444, 445, 446, 447, 449, 451, 452, 579
  - admission of 425
  - attitudes 420
  - supervision of 442, 444
  - women 444
- Student-teacher ratio 374
- Student-unrest 71, 78, 100, 116, 125, 126, 133, 510, 533
- Study habit 76, 77, 210, 211, 213, 261, 272, 325, 332, 334, 343, 344, 354, 466, 511, 533
  - and attitude 272
- Super-naturalism 28
- Supervision 34, 74, 423, 491
  - and inspection 51, 64
  - effectiveness of 457, 486, 500
  - of practice teaching 433, 444
  - planned 486, 500
  - purpose of 457
  - self 486, 487, 500
  - team 486, 500
- Supervisory
  - leadership 485
  - services 485
- Superstitions 132
- Supplementary examinations 373
- Supreme reality 44
- Syllabus 311, 315, 414, 423, 433, 445
  - objective-centred 334, 349
- System(s)
  - approach 414, 415
  - bicameral 49
  - educational 69, 70
  - grade-credit 494
  - semester 334, 494
  - stimulus response 316
  - unicameral 49
  - System of analysing interaction 407
- System of education
  - Buddhist 36
  - Gurukula 28
  - in mediaeval India 42
  - indigenous 45, 66
  - Jain 28, 36
  - Vedic 36
- T**
- Talent search 261
- Tamil education 65
- Tandon's Group Test of Intelligence 109, 183, 258
- Taxonomy of educational objectives 329, 339, 377
- Taylor's Manifest Anxiety Scale 166, 191, 203, 211, 212, 221, 227, 359
- Teacher(s)
  - adjustment 403, 418, 421, 466, 467
  - attitude 122, 199, 403, 404, 448, 451, 500
  - autonomy 57
  - background 73, 453
  - characteristics 395, 415
  - effective 398, 403, 418, 421, 427
  - morale 461, 467, 468, 486
  - personality 402
  - politics 516
  - popular 418, 431, 432
  - role of 297, 404, 530
  - science 281, 404
- Teacher behaviour 281, 394, 395, 396, 399, 408
- classroom 403, 404, 408
- dimensions 404, 405
- indirect-direct 396, 404, 426

- Teacher education 62, 142, 165, 306, 414,  
 — course 421, 448, 450  
 — development of 414, 415, 448,  
 — elementary 58, 139, 419, 423, 445  
 — finance of 142  
 — institutions 414, 415, 416, 420, 423, 425, 430,  
 — 434, 445, 448, 450, 451  
 — post graduate 420  
 — problem of 143  
 — process of 415, 419  
 — programme 143, 419, 422, 424, 429, 448  
 — secondary 58, 415, 420, 430, 432, 449, 450  
 — success in 442  
 — attempt of 415, 420  
 Teacher educators 400, 445, 446, 448, 449, 450  
 Teacher effectiveness 398, 402  
 — correlates of 401, 402  
 — gains in 500, 588  
 — model for 395  
 Teacher-pupil  
 — communication 120  
 — ratio 457, 462, 470, 508, 513  
 — relationship 50, 77, 130, 133, 497, 588  
 Teacher Student Study Questionnaire 522  
 Teacher Value Inventory 448  
 Teaching  
 — ability 396  
 — aids 280, 315, 423, 425, 451, 465, 473  
 — aptitude 397, 417  
 — attitude towards 418  
 — competence 416, 417, 418, 420, 427, 432  
 — 467, 481  
 — devices 316, 320, 441  
 — methods 31, 32, 173, 303, 315, 376, 404,  
 — 415, 419, 449, 475, 478, 508, 513, 533  
 — of languages 277, 297, 307, 323, 423, 433,  
 — 445, 517  
 — of mother tongue 361  
 — of science 311, 409, 423  
 — of social studies 311, 423, 436  
 — patterns 410  
 — process of 394, 404  
 — profession 396, 418, 429, 439, 460, 467,  
 — 481  
 — remedial 319, 389  
 — skill 417, 434, 437, 441, 446, 451  
 — traditional 318, 428, 429  
 Teaching behaviour 401, 409, 410, 411, 451  
 Teaching-learning-process 37, 281, 337, 338,  
 — 339, 395, 440, 500, 582  
 — in classroom 394  
 — materials 473  
 Team teaching 282, 297, 582  
 Technical courses 115  
 Terman Group Test of Intelligence 237  
 Terman-Merril Scale 243  
 Test  
 — abstract reasoning 271  
 — achievement 365, 366, 377  
 — aesthetic 251  
 — analogy 260  
 — arrangement 260  
 — attention 386  
 — auditory resistance 386  
 — biological science aptitude 368  
 — classification 260  
 — comprehension 280  
 — concept mastery 214  
 — constructive ability 263  
 — criterion 249, 329  
 — diagnostic 214, 249, 365, 377  
 — digit-symbol 260  
 — general science 390  
 — mathematics 390  
 — memory 386  
 — number series 260  
 — objective type 88, 282, 383  
 — of creative thinking 402  
 — part-fitting 260  
 — prognostic 214  
 — reasoning 260, 271, 386  
 — scholastic aptitude 271, 366  
 — sequential 369  
 — verbal fluency 291  
 — vocabulary 260, 386  
 Tests of Creative Thinking  
 — association test 193  
 — circles 206  
 — consequences and problem solving test 245  
 — consequences test 193, 248  
 — creative writing test 245  
 — details test 193  
 — figural similarities test 245  
 — Guilford's and Wallach's Creativity Test  
 — 269  
 — Guilford's Consequences Test 248  
 — Guilford's Seeing Problems Test 193  
 — Guilford's uses for things test 193  
 — hidden figures test 193  
 — Kaul's creativity test 245, 257  
 — match problems test 193  
 — Mehdi's tests of creative thinking 201, 248  
 — object synthesis test 193  
 — Passi's Tests Battery of Creative Thinking 245  
 — picture drawing test 206  
 — plot titles test 206  
 — Ramchandrarachar test of creative thinking 245  
 — remote association test 245  
 — remote consequence test 206  
 — sentence completion test 245  
 — similarities test 245  
 — Srianantmake Pariksha 269  
 — thinkings categories test 193  
 — thinking creativity with pictures 254  
 — thinking creativity with words 254  
 — three words combination test 193  
 — Torrance Tests of Creative Thinking 193, 246,  
 — 253, 254, 257  
 — utility test 206  
 — Varn Viparyas Pariksha 269  
 — words test 193  
 Tests of Language Development of Gujarati  
 Children 382  
 Test of Literary Creativity in Marathi 259  
 Textbooks 303, 314, 348, 445, 581  
 — defects 301  
 — deficiencies 301  
 — effectiveness of 308  
 — preparation and evaluation 282, 304  
 Thematic Appreception Test 163, 164, 165, 168,  
 — 190, 191, 192, 201, 273, 355, 412, 437  
 Thinker(s)  
 — Aurobindo 29  
 — Besant 29  
 — Dayananda 29  
 — Gandhi 29  
 — Tagore 27, 29  
 — Vivekananda 27, 29  
 Thinking  
 — and problem solving 168  
 — methodology of 276  
 Third Indian Yearbook of Education 364  
 Thurstone's Interest Schedule 104  
 Thurstone's Temperamental Schedule 418  
 Torrence Tests of Creative Thinking 188, 199,  
 — 246, 253, 254, 257  
 Training  
 — basic 49  
 — democratic 479  
 — facilities 474, 578  
 — industrial 67  
 — inservice 315, 317, 322, 414  
 — of educational administrators 455  
 — of examiners 372  
 — programme for teachers 458, 466  
 — recency of 412, 418  
 — through microteaching 446  
 — vocational 100, 478  
 Traits  
 — noncognitive 333  
 — of leadership 103  
 — paranoid 418  
 — personality 396  
 — self described 104  
 — temperamental 347  
 Transitional point 175  
 Trist-Hargreaves Concept Formation Test 186  
 Tripathi's Nonverbal Test of Intelligence 273  
 Trivedi's Nonverbal Group Test of General  
 Ability 274  
 Tutorial work 450  
 Typographic dimensions affecting readability 286  
 U  
 Underachievers 172, 184, 213, 233, 282, 348,  
 — 361  
 — home environments of 361  
 — remedial measures to help 319  
 Unemployment 71, 84, 94  
 — educated 154, 162  
 — of labour 84  
 — pressure of 84  
 Unionism 126  
 Unit plans 426  
 University Entrance Test 370, 376  
 University women students 84  
 Upadhyay's Verbal Group Intelligence Test 274  
 Uravasi Desai's Language Ability Test 388  
 Utilisation of educational opportunity 127  
 V  
 Valentine's Intelligence Test 197  
 Value(s) 71, 85, 86, 87, 94, 97, 98, 104, 123,  
 — 129, 153, 180, 304, 416, 418, 421, 424,  
 — 449, 497  
 — academic 133  
 — aesthetic 104, 105, 109, 180, 466  
 — anarchy of 123  
 — areas 266  
 — competitive 133  
 — conflicts 87  
 — constitutional 467  
 — cue 177  
 — democratic 104, 105  
 — desirable 98  
 — economic 46, 61, 104, 105, 109, 449  
 — family prestige 104, 105  
 — health 104, 105  
 — hedonistic 104, 105  
 — intrinsic 153  
 — knowledge 104, 105  
 — materialistic 510  
 — moral 140  
 — modern 532  
 — of students 94, 265, 531  
 — of teachers 395, 418, 436  
 — of tribals 586  
 — of women 65  
 — orientation 199, 230  
 — patterns 77, 108, 122, 436  
 — pattern of arranged marriage 393  
 — personal 168  
 — political 109, 180, 449, 466, 468  
 — power 105  
 — predictive 376  
 — prognostic 376  
 — religious 87, 109, 180, 466  
 — similarity in 424

## SUBJECT INDEX

614

- social 104, 105, 109, 180, 449
- spiritual 140
- structure 31
- theoretical 109, 180, 449, 466
- work 278
- Varn-Viparyas Pariksha by Sharma 269
- Verbal comprehension 207
- Verbal Group Test of Intelligence of Manovignan Shala 340
- Verbal Tests of General Ability by Duari, 252
- Verma's Battery of Differential Scholastic Aptitudes 352
- Verma's Schedule of Socio-Economic Status 271
- Verma's Drawing Pattern Test 186
- Vernon's Graded Arithmetic-Mathematics Test 186
- Vernon's Nonverbal Intelligence Test 186
- Vetter's Attitude Scale 121
- Visual and auditory modes 328
- Visual Perception Test, by Krishnamurti 296
- Vocabulary 278, 279, 280, 287, 291, 299, 304, 307, 310, 313, 366
  - active 279, 588
  - and structure 300
  - basic 291
  - basic comprehension 295
  - basic Gujarati 279
  - basic Hindi 279, 295, 347, 581
  - core 433
  - Hindi-Kashmiri common 290
  - Hindi-Malayalam common 290
  - Hindi-Tamil common 290
- memory 290
- Punjabi 279, 310
- recall 290
- recognition 279, 287
- spoken 308
- written 287
- Vocational
  - anxiety 396
  - aspirations 219
  - categories 229
  - choices 219
  - counselling 262
  - courses 292
  - development 230
  - indecision 221
  - interest 222, 223
  - interest inventory 268
  - maturity 164, 210, 211, 212, 221, 225
  - preferences 104, 210, 211
  - planning 214
  - sense 230
  - skills 159
  - training 104
  - values of students 265
- Vocational Environment Scales 211
- Vocational Preference Inventory 211
- Vocationalisation 137, 150, 160, 278, 284, 292
- Vyaktitva Parakh Prashnawali by Sharma 128
- W
- Wallach-Kogan's Tests of Creativity 182
- Z
- Wardha Scheme 29
- Wastage 48, 55, 62, 71, 118, 135, 150, 415, 472, 514, 519
  - among college students 460
  - at middle stage 84
  - at primary stage 62, 84, 479
  - in Indian school education 477
  - in agricultural education 460, 474
  - rate of 474, 477, 478
  - reasons for 460
- Wastage and stagnation 65, 134, 135, 151, 459, 479, 537, 544
- causes 459, 470
- incidence 471
- Wechsler's Adult Intelligence Scale 265
- Wechsler-Bellevue's Scale of Intelligence 260
- Wechsler's Intelligence Scale for Children 204
- Welfare schemes 89
- Well's Modified Alpha Examination Form 234
- Wepman's Test of Auditory Discrimination 172, 283
- Wood's Despatch 49, 496, 497
- Word Association Test 165, 191
- Word-Meaning Test 296, 367
- Work experience 37, 88, 136, 137, 139, 284, 478
- Work-oriented education 29, 35, 36
- Wrenn and Jamuar's Test of Study Habits 272
- Wylie's Self Report Inventory 443
- Zeigarnik effect 179