#### A. TESTS OF INTELLIGENCE AND OTHER ABILITIES

#### A.1 VERBAL:

- 1. S.K.Pal and K.S.Misra. Test of General Intelligence for College Students (TGI) Hindi/English. This test measures general intelligence of college students through six sub tests-word meaning, analogy, classification, number series, code transformation, syllogism.
- 2. Narendra Singh. A Scale of Reading-writing skills for Pre-primary School Children (R-W-S Test) Hindi. This measures the reading-writing skills of pre-primary children 5+ of Hindi speaking areas through four sub tests-vocabulary, visual perception, auditory discrimination, and copying useful for assessing learning disabledness.
- 3. R.P.Srivastava and Kiran Saxena. General Mental Ability Test for Children 7 to 11 yrs. (GMATC) Hindi / English. It is both verbal and non-verbal and measures five mental abilities analogy, classification, number series, reasoning problems, and absurdities. Time limit 30 minutes.
- 4. Pramila Ahuja. Group Test of Intelligence (PGTI) English. For 9 to 13 year pupils. Contains seven sub tests, scrambled words, analogies, classification, disarranged, sentences, same opposite, series and best answers, time limit 35 minutes, standardized on 10,373 students of both sexes.
- 5.) G.C.Ahuja. Group Test of Intelligence (GGTI) English. For 13 to 17 year pupils. Contains seven sub tests, classification, analogies, arithmetic reasoning vocabulary, comprehension, series and best answers, time limit 35 minutes, standardized on 10,132 students of both sexes.
- 6. **S.M.Mohsin**. *General Intelligence Test*. Hindi. It is meant for Children from 9 to 15 years or 6<sup>th</sup> to 11<sup>th</sup> grade pupils and assesses the General Intellectual level.
- 7. **R.K.Ojha and Raychoudhary**. *Verbal Intelligence Test (VIT)* Hindi. For 13 to 20 year pupils. Consists of eight sub tests, time limit 40 minutes. It measures intelligence through eight subtests classification, analogies, synonyms, number test, completion test, paragraph, best reasons, and simple reasons.
- 8. S.Jalota. Group Test of General Mental Ability 1972. (JGTMA) Hindi. For 11 to 16 years.
- 9. R.K.Tandon. Group Test of Intelligence 2 / 70 Hindi. For 10 to 16 years.
- 10. P.N.Mehrotra. Mixed Type Group Test of Intelligence (MGTI) Hindi/English. It includes equal number of verbal and paper pencil type nonverbal items. For 10 to 18 years.
- 11. Prayag Mehta. Group Intelligence Test in Hindi.
- 12. Binet Kamat Test. Marathi/English.
- 13. N.K.Chadha and Usha Ganesan. Social Intelligence Scale (SIS) English. It measures social intelligence in eight areas-patience, cooperativeness, confidence level, sensitivity, recognition of social environment, tactfulness, sense of humour, and memory. It is meant for college students.

- Adarsh Kohli, S.K. Verma and D. Pershad. P.G.I. Battery For Assessment of Mental Efficiency in the Elderly (PGI-AMEE) Hindi / English. This Battery consists of four sub 14. tests - The set test, the standard test, Nahar & Benson test and Geriatric depression scale and the areas covered are mental efficiency, motivation and alertness, general orientation to time and place, memory, concentration, depth perception, muscular cordination and depressive symptomatology and mood associated with old age. It is for age group of above 55 years of age.
- Anukool Hyde, Sanjyot Pethe and Upinder Dhar. Emotional Intelligence Scale (EIS) Hindi / English. It contains 34 items and measures emotional intelligence through 10 factors. 15. - Self awareness, empathy, self motivation, emotional Stability, managing relation, integrity, self development, value orientation, commitment and altruistic behaviour.
- S.K.Mangal. Mangal Emotional Intelligence Inventory. 16.

#### NON-VERBAL (PAPER-PENCIL) A.2

- J.Bharat Raj. Developmental Screening Test (DST). It is designed to measure mental 17. development of children from birth to 15 years of age.
- Cattell and Cattell. Culture Fair (Free) Intelligence Scale Indian Adaptation by Kapoor, Rao and Singh. The culture fair intelligence tests are designed to measure individual 18. intelligence by reducing the influence of verbal fluency, cultural climate and educational level. They minimize cultural bias. These may be administered individually or in a group. They may be used to identify learning problems of individuals assess applicant's potential to perform job relevant tasks which involve cognitive abilities and help in making more reliable informed decisions in relation to the special education needs of children.

Scale I (English) for 4 to 8 years and older retardates. Time-25 minutes. Norms mental age and I.Q.

Scale II (English) for 8 to 14 and average. I.Q.Adults either it contains our sub tests involving different perceptual tasks: Completing series, classifying, solving ii. matrices and evaluating conditions. Time 15 minutes per form. Form A or B.

Either Form A or B Scale II (Hindi) Indian Adaptation,

Scale III (English) for 14 years and above i.e. senior secondary, college and high iii. I.Q. adults, by employing four distinct tasks. The composite intelligence iv. measure avoids reliance on a single skill. This scale is recommended when testing better educated or more intelligent individuals, because of the higher difficulties level of items and a greater refinement in the higher intelligence ranges. Time 15 minutes one form Either Form A or B

Scale III (Hindi) Indian Adaptation. Either Form A or B.

Raven's Advanced Progressive Matrices (APM) English. Raven's Advanced Progressive Matrices has two Components - Set 1 comprises of a short set of 12 items covering all the 19. intellectual processes whereas the 36 items in set II are identical in presentation and argument with those in set I. It takes 40 minutes. It is useful for college and university students and candidates for management training programmes. It can be successfully used on the subjects from 12 years to 70 years. One set contains 10 Booklet of set I, 10 Booklet of set II, Manual section-4, Ans. Sheets & scoring key.

- 20. Raven's Standard Progressive Matrices (SPM) English. The standard progressive matrices (sets A,B,C,D & E) Or SPM is a test of person's capacity at the time of the test. To apprehend meaningless figure presented for his observation. The scale consists of 60 problems divided into 5 sets of 12 and all the five sets provide 5 opportunities for grasping the method and five progressive assessments of a person's capacity for intellectual activity. It is designed to cover the widest possible range of mental ability and to be equally useful with persons of all ages, whatever their education, nationality or physical conditions.
- 21. Raven's Coloured Progressive Matrices (CPM) English. The Coloured Progressive Matrices is designed for use with young children and old people for anthropological studies and clinical work. It can be used satisfactory with people suffering from physical disabilities, aphasias, cerebral palsy or deafness as well as with people who are intellectually subnormal or who have deteriorated. The three sets A, AB and B of twelve problems constituting the CPM are arranged to assess the chief cognitive processes of children under 11 years of age. It is designed to assess mental development upto intellectual maturity.
- 22. Non-Language Intelligence Tests. S. Chatterji and others for use with Hearing impaired children.
- 23. Guilford's SOI Model Tests Constructed by JPIP through 12 years of research on state wide sample. Age Range: 12 years and above. For the first time-Tests developed for all 120 SOI factors. Grade norms available for subtest and combinations. Many tests useful for adults. Tests of Behavioral intelligence tried on adult American sample. Abilities Measured: Learning, Memory, Creativity, Behavioral Intelligence etc. Applications; Diagnosis & Counselling, Talent Search, Brain Function Research, Job Analysis and Personnel Selection.

#### A.3 NON-VERBAL (PERFORMANCE)

- Wechsler Intelligence Scale for Children-Third Ed.(WISC-III) 1991 for Age group 6 to 17 yrs. Complete kit with attaché case.
- 25. Wechsler Adult Intelligence Scale Revised (WAIS-R1989) 16 to 74 Years age group.
- 26. Bayley Scales of Infant Development (BSID-II) 1993 Diagnostic Assessment for infants as young as 1 month to 42 months.
- 27. P.Ramalingaswamy. Indian Adaptation of Wechsler Adult Performance Intelligence Scale (WAPIS). The present test is an attempt to adapt Wechsler Adult Intelligence Scales to Indian Conditions and set up norms for Indian population. The final Form of the test consists of the performance scales of Wechsler Adult Intelligence Scale viz. Picture completion, digit symbol, block Design, Picture Arrangement and object assembly. The scale was standardized on 604 Indian persons of both sexes and aging from 15 to 45 years.
- 28. Usha Khire. Indian Child Intelligence Test (ICIT) Adaptation of Revised Amsterdam's Kinder Intelligence Test (RAKIT) with norms for ages 4 to 12 years.

- 29.A. Developmental Assessment Scales for Indian Infants: DASII developed by M.S.University, Baroda, and New adapted version is based on Baroda Norms. Developed after 7 years of research. Age Range: From Birth to 2 years. Testing Time: 40 Minutes. Uses completely indigenous material. Norms developed in Baroda. Performance profiles in Pune. Integrated development of Mental and Motor factors is scored separately. Abilities Evaluated: Body Control, Locomotion, Manipulation, Cognition, Memory, Social interaction, language Development & Manual Dexterity, Application: Assessment of Mental & Motor Development. Diagnosis & location of Delayed Development ,Evaluation of the Effectiveness of Intervention programme.
  - 29.B. Pictorial Monograph of Motor & Mental Development of Indian Babies. photographs of babies being tested by DASII Kit. By Dr. Pramila Phatak.
  - Seguin Form Board Test. 30.
  - Cube Construction Test with Manual and Scoring pad. 31.
  - Koh's Block Design Test. Complete with record blanks and norms. 32.
  - Spare cards for Koh's block design Test. 33.
  - Pass along Test complete with manual and record blanks. 34.
  - Hema Pandey. Pandey's Cognitive Development Test for pre-schoolers (PCDTP). It measures the cognitive abilities of pre-schoolers (3-5) Yrs. Through six sub tests-conceptual 35. skills, information, comprehension, visual perception, memory, and object vocabulary.
  - Bhatia. Battery of Performance Intelligence Test. (Norms available for 11 to 16 years) 36.
  - S.K.Verma. D Pershad et al., The Revised Bhatia's Short Battery of Performance Test of 37. Intelligence for Adults (for 20 to 59 years.)
  - Drever and Collins Scale 'A' consists of the following in a Carrying case. 38.
    - a. Block Design

f..Cube Construction

b. Knox Cubes

g. Picture Completion

c. Size and Weight

h. Dominoes

d. Manikin and Profile

i. Record Blanks

e. Form-Board

j. Manual

- Pintner and Paterson Scale. Consists of the following in a carrying case. 39. i. Feature Profile
  - Two figures form board
- j. Ship Test
- b. Five figures form board c. Casuist form board

- k. Mare and Foal Test
- d. Diagonal Test
- 1. Picture completion m. Cube Test.

e. Triangle Test

n. Substitution Test

f. Heavy Puzzle

- o. Instructions for administration and scoring and Record blanks.
- g. Adaptation Board Manikin Test

40. Grace Arther Scale: Consists of the following in a carrying case.

a. Knox Cube Test
b. Seguin form board
c. Two figure form board
d. Casuist form board
e. Manikin

Grace Arther Scale: Consists of the following in a carrying case.

f. Feature Profile
g. Mare and Foal
h. Healy Picture Completion
i. Porteus maze Test
j. Instruction for Administration and Scoring and
Record blanks.

41. Cornell Coxe Scale: Consists of the following in a carrying case.

a. Manikin-Profile Test

a. Block Design Test

f. Memory for Designs Test

Transfer admit

b. Digit Symbol Test g. Typed instructions for administration and scoring

42. Alexander's Scale: Consists of the following in a Carrying case.

a. Block Design Test.

b. Cube construction Test.

a. Pass along Test

d. Manual and Record Blanks.

43. Dearbon's triangle Test (without norms)

44. Dearborn Anderson Form boards set of 3 without norms.

45. Draw-a-man Test: Standardized on Indian Children by Dr.(Mrs.) Phatak.

46. Photographs for judging Intelligence set of 12.

47. Malin's Intelligence Scale for Indian Children (MISIC). Indian Adaptation of Weschler's Intelligence Scale for children (WISC).(6 to 16 years)

### A.4. REASONING ABILITY:

48. L.N.Dubey. Reasoning Ability Test (RAT) Hindi. For 12 to 17 yrs. Students of either sex, standardized on a sample of 1460.

 K.Bayati. Reasoning Ability Test (RAT) Hindi. It is standardized on 2800 Higher Secondary boys and girls of age group 15 to 16.

50. Anuradha Joshi and B.C.Mahapatra. Reasoning Ability in Science (RAIS) English. This scale measures reasoning ability in science with the help of five types of reasoning - analogical, classification, electric, deductive, and inductive through 43 items meant for 10 + 2 students.

# A.5 PROBLEM SOLVING ABILITY:

- 51. D.N.Sansanwal and Anuradha Joshi. Test of Higher Mental Ability in Science (THMAS)
  Hindi/English. The test contains 20 items and meant for High School students. It is based on Bloom's Cognitive domain & assesses four levels-application, analysis, synthesis & ealuation.
- L.N.Dubey. Problem Solving Ability Test (PSAT) Hindi For 12 to 17 yrs. Students of either sex, standardized on 1640 students.
- 53. B.K.Passi and Usha Kumar. Passi-Usha Test of Creative Problem Solving (PUTCPS)

  English/Hindi. PUTCPS can be used with children and adult for measuring their creative problem solving ability. It is applicable in screening students for admission to design courses and also to assess the creative problem solving ability of designers in different organizations. It can also be used with architects, craftsmen, interior decorators and other persons involved in complex problem solving situations like negotiation and conflict resolution. It measures the originality and elaboration.

# A.6 CONCEPT FORMATION (ACHIEVEMENTS) ABILITY:

- 54. M.Rajamanickam. Concept Achievement (Formation Test (CAT) The model of this test to some extent was based upon Heibreder's concept attainment test. The 48 pictures of the test are brought under six sets and in each set there are eight pictures, which belong to eight different categories at the bottom of each picture a four-letter non-sense syllable in given as response word. The eight category of pictures are (i) human face, (ii) animal, (iii) bird, (iv) jug, (v) number three, (vi) number six, (vii) square pattern, and (viii) circle pattern. These eight pictures are found in all six sets but with different forms in each set. This is called response set. The other set which is not having any response word at the bottom of the picture is called stimulus set. Thus, these two, the response set and the stimulus set constitute the complete test of the concept Achievement Test. Test is satisfactorily reliable and valid and is meant for adult population.
  - 55. Anuradha Joshi and Ratnamala Arya. Concept Attainment Test (CAT) (Hindi/English). It has 48 items, 12 items in each of four sections. 40 minutes time. It is meant for adolescents of age group 14 to 18 years.
  - Mukti Mishra. Memory Test for intolerance of Ambiguity (MTIA) (Hindi). This test of intolerance of ambiguity through memory consists two subtests-jumbled sentence test (15 series of series of sentences with jumbled words) and jumbled word combination test (15 series of jumbled word combination.) It is highly reliable and valid. Norms were developed on college and University students.

# A.7 READING ABILITY:

- 57. P. Ahuja and G.C. Ahuja. Reading comprehension Test (RCT) English. It is based on Cloze procedure for classes 8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup>. It contains a test passage with 50 gaps to be filled in.
- 58. Jamna Lal Bayti and Puspa Sodhi. Reading Test (RT) Hindi. Meant for 11 to 15 years school going children of both sexes.

#### A.8 PERCEPTUAL ABILITIES:

- 59. Dvorine Color Vision Test J.C.Dvorine
- 60. Ishihara. Ishihara Colour Blindness Tests. Original Japanese Edition:
- 61. Colour Pyramid Test Schie & Heiss

#### B. TEST OF CREATIVITY

- 62. Creativity Attitude Survey. Charles E.Scchaefer
- 63. **B.K.Passi**. *Passi Test of Creativity (PTC)* Hindi/English It includes six sub tests namely- (i) the seeing problems test, (ii) the Unusual tests, (iii) the consequences test, (iv) the test of inquisitiveness (v) the square puzzle test, and (vi) the blocks test of creativity. The first 3 are verbal and last 3 are non-verbal in nature. It measures three components of creativity-fluency, flexibility and originality. It is standardized on 600 students of both sexes of urban and rural background of grades X to XI. Percentile norms were given.
- 64. Baqer Mehdi. Verbal Test of Creative Thinking (TCW) Hindi/English. It provides three factor scores-fluency, flexibility and Originality.
- 65. Baqer Mehdi. Non-verbal Test of Creative Thinking(TCF) Hindi/English. Provides two factor scores-elaboration and originality.
- 66. V.P.Sharma and J.P.Shukla. Verbal Test of Scientific Creativity (VTSC) Hindi / English. It consists of 12 items, which have been classified into four sub-tests namely-consequences, unusual, new relationship, and just think why. Each item is to be scored for fluency, flexibility and originality. Norms are available for 7<sup>th</sup> and 8<sup>th</sup> grade boys and girls.
- 67. S.P.Malhotra and Sucheta Kumari. Language Creativity Test (LCT) in Hindi / English Language. This test includes 27 items in five areas plot building, dialogue writing, poetic diction, descriptive and vocabulary style. It measures total language creativity and its four components fluency, flexibility, originality and elaboration.
- 68. K.N.Sharma. Divergent Production Abilities (DPA) Hindi/English. This test battery contains six sub tests (i) word production, (ii) uses of things, (iii) similarities, (v) making titles, and (vi) elaboration. It measures four creative abilities-fluency, flexibility, originality, elaboration and total creativity. This battery can be used successfully on children, adolescents and adults.
- M.Rajamanickam. Mental Imagery Questionnaire (M.I.Q.) English M.I.Q. is designed to assess the sensory experiences of the individuals. This Questionnaire consists of six subtests referring to six areas of sensory experiences (I) visual, (ii) auditory, (iii) gustatory, (iv) olfactory, (v) tactual, and (vi) bodily. Thus on the whole 15 X 6 = 90 items were included in the Questionnaire. It can be used on school students and adult population.
- 70. S.P.Malhotra and Sucheta Kumari. The Essay Paragraph Analysis Scale in Hindi Language. It assesses the analysing ability of essay paragraph through 20 questions grouped under four elements-unity, coherence, originality and fallacies.

71. S.P.Malhotra and Sucheta Kumari. The Essay Paragraph Analysis Scale in English Language. It assesses the analysing ability of essay paragraph through 20 questions grouped under four elements-unity, coherence, originality and fallacies.

### C. APTITUDE TESTS

- 72. M.Kapoor David's Battery of Differential Abilities (Revised) English. There are seven subtests Verbal Ability (VA), Numerical Ability (NA), Spatial Ability (SA) Closure Ability (CA), Clerical Ability (CL), Reasoning Ability (RA) and Mechanical Ability (MA) and each designed to measure a single primary ability factor and it is important in industrial settings and career and vocational counselling. It is meant for 14 + and takes 30 minutes to administer. (1 set contains manual, 10X7question booklets, 100 consumable booklets for PM, scoring stencils, 100 answersheets, 100 ability graph sheets.)
- 73. Differential Aptitude Test Battery (DATB) English. Indian Print. It is a multi factor test battery of eight aptitude Tests. Verbal Reasoning (VR), Abstract Reasoning (AR), Space Relations (SR), Numerical Anxiety (NA), Clerical Speed and Accuracy (CSA), Mechanical Reasoning (MR), Language Usage spelling (LU-sp) and Language, Usage-grammar (LU-gr). It was prepared by G.K.Bennett. H.G.Seachore and A.G. Wesman in 1947 and it is meant for higher secondary students. Indian norms were prepared by Dr.Ojha. (1 set contains 10 X 7=70) Reusable Booklets in total, 100 X 7 = 700 Answer sheets, Record blank 100, Scoring Stencil 1 set and direction set.
- 74. J.M.Ojha. Indian Adaptation of Differential Aptitude Tests For Higher Secondary Schools in Hindi Version. It is a multi factor Test battery of eight aptitude test. Verbal Reasoning (VR), Abstract Reasoning (AR), Space Relations (SR), Numerical Anxiety (NA), Clerical Speed and Accuracy (CSA), Mechanical Reasoning (MR) Language Usage spelling (LU-sp) and Language Usage-grammar (LU-gr0 It was prepared by G.K.Bennett. H.G.Seashore and A.G. Wesman in 1947 and it is meant for higher secondary students. Indian norms were prepared by Dr.Ojha. 1 set contains 10X7 = 70 Reusable Booklets in total, 100 X7=700 Answer sheets, Record blank 100, scoring stencil 1 set and manual.
- 75. **K.K.Agarwal.** Scientific Aptitude Test Battery (SATB) Hindi /English. This is a battery of containing four sub-tests. i. Reasoning, ii. Numerical ability. iii. science information iv. science vocabulary.
- 76. R.P.Singh and S.N.Sharma. Teaching Aptitude Test Battery (TATB) Hindi/English. It measures teaching aptitude of elementary and school teachers. The final form of the test consists of 120 items and measure, teaching aptitude through 5 sub tests mental ability, attitude towards children, adaptability, professional information and interest in profession. It was standardized on 1090 pupil teachers teaching in Primary Teachers Training Institutions.
- 77. Jai Prakash and R.P.Srivastava. Teaching Aptitude Test (TAT) Hindi. It is a good measure for selection of Pupil as well as teachers.

- 78.. A.K.Singh and A.Sen Gupta. General Class-room Achievement Test (GCAT) Hindi/English. For class VI and VII. It measures the general achievement in English, Science and Social Studies subjects.
- 79. L.N.Dubey. Hindi Achievement Test 8th grade (HAT) Hindi.
- 80. L.N.Dubey. Mathematics Achievement Test 8th grade (MAT) Hindi.
- 81. Saroj Aurora. Biology Achievement Test (BAT) 10th grade Hindi/English.
- 82. S.N.L.Bhargava. Physics Achievement Test (PAT) 10th grade. Hindi.
- 83. S.N.L.Bhargava. Battery of Process Based Tests in Physics 10th grade Hindi.
- R.C.Deva and A.Kumar. Statistics Achievement Test (SAT) Hindi. Meant for High School and College students.
- 85. V.V.Malayya. Adult Education Achievement Test (AEATA) Hindi It contains 75 questions of multiple choice type. It is meant for 15 to 40 years male and female.
- 86. V.P.Sharma and J.P.Shukla. Diagnostic Test in Becimal Systems and Percentage (DTDSP) Hindi. It is standardized on 8<sup>th</sup> class boys and girls.

#### E. INTEREST & STUDY HABIT TESTS

- 87. Cornell Learning and Study Skills Inventory (Classic):
  Secondary Form S/Set with Keys
  College Form: S/Set with keys
  (Specify about the Form required by you.)
- 88. **How Well Do You Know Your Interests Kit** (Manual and Test Booklets 3 of each form Secondary School and Personnel Edition, with keys. Handbook on Interpretation for the How Well Do you know Your Interest Test.)
- 89. S.K.Bawa. Multiphasic Interest Inventory (MII) Hindi/English. It contains 320 items, which measures interest into 5 areas occupational, religious, social, intellectual, and recreational. Each item contains three-category response system namely L (liked), I (indifferent) and D (dislike). Norms were prepared in form of T-score, rating scale and percentile.
- 90. S.P.Kulshrestha. Educational Interest Record (EIR) Hindi/English. Measures Educational interest in seven areas-agriculture, commerce, fine arts, home science, humanities, science and technology.
- 91. S.P.Kulshrestha. *Vocational Interest Record (VIR)* Hindi/English. Measures interest in ten areas-literary, scientific, executive, commercial, constructive, artistic, agriculture, persuasive, social and household.

- 92. T.S.Sodhi and H.Bhatnagar. Sodhi and Bhatnagar Interest Inventory for girls (SBII)
  English/Hindi. It contains 136 items and measures interest of adolescent girls in 11 areasliterary, outdoor, mechanical, scientific, persuasive, social service, artistic, clerical, teaching,
  home management, administrative.
- 93. Kapoor and Singh. Multi Factor Interest Questionnaire (MFIQ) Hindi/English. It provides scores on eight factors-Business, clerical, Agricultural, Mechanical, Scientific, Outdoor Activities, Aesthetics and social. Meant for 11 to 18 yrs. Usual time 20 minutes.
- 94. S.Chatterjee. Non-Verbal Preference Record. Form 962 (CNPR).

  It measures interest in ten broad areas- fine arts, literary work, scientific, agricultural, technical (mechanical), crafts, outdoor, sports and household work. Usually it takes 45 minutes to complete the test. Stanine norms were given on boys and girls of VII to XII class of urban and rural background.
- 95. Interest Inventory (Marathi or English) by Dr.M.N.Palsane, (Pune University)
  With manual, Record blanks and stencils.
  Full Set.
  - a. Only Manual
  - b. Stencils. Set of 13
  - c. Answer sheets.
  - d. Question Booklets.
- 96. L.N.Dubey and Archana Dubey. Science Interest Test (SIT) Hindi. It contains 64 statements which are equally related to liking and disliking of science subject. 20 minutes time. It was standardized on a sample of 1100 students from 7<sup>th</sup> to 10<sup>th</sup> standard of rural and urban schools. The age range was 13 to 17 years of both the sexes.
- 97. C.P.G.Mathur. Test of Study Habits and Attitudes (TSHA) Hindi It covers nine major areas of study habits with a format of 60 questions.
- 98. M.Mukhopadhyaya and D.N.Sansanwal. Study Habit Inventory (SHI) English/Hindi. This 51 items inventory is designed to measure study habits of students pertaining to various aspects.
- 99. M.N.Palsane and S.Sharma. Study Habit Inventory (PSSHI) English/Hindi.

  It covers the reading habits, learning technique, memory, time schedule, physical conditions, examination, evaluation etc. It is useful for college students.
- 100. Study Habits Inventory (Marathi or English) by Dr.M.N.Palsane with manual, 100 record blanks.
- 101. J.S.Grewal and Meena Sharma. Guidance Needs Inventory (GNI) English. It is an instrument which can be used to identify the types and strength of guidance needs of an individual student in five areas namely-physical, social, psychological, educational and vocational. It has 65 items. It was standardized on 600 higher secondary pupils drawn for 15 higher secondary schools.

### F. VALUES TESTS

- 102. R.K.Ojha Value Test (VT) Hindi/English. Measures six values theoretical, economic, aesthetic, social, political and religious on the basis of Allport Vernon as per Spranger's classification.
- 103. G.P.Sherry and R.P.Verma. Personal Values Questionnaire (PVQ) Hindi/English. Measures values in 10 areas religious, social, democratic, aesthetic, knowledge, hedonistic, power, family, health and economical. It is based on Indian culture and traditions.
- 104. K.G.Agarwal. Comprehensive Value Scale (CVS) Hindi/English It is based on popular semantic differential technique and measures factor values refinement, power, conscience, stability, masculinty-feminity and ideology.
- S.P.Ahluwalia. Teacher Values Inventory (TVI) Hindi/English. Measures teacher value on the basis of spranger classification of six well known values.
- 106. Alpana Sengupta and Arun Kumar Singh. Moral Values Scale (MVS) Hindi/English. It is specially developed for the school children in age range of 6 to 12 years. It contains 36 items and measures four areas-lying, dishonesty, stealing and cheating. Time required is 15 minutes.

G. ASPIRATION SCALES

- 107. Mahesh Bhargava and M.A.Shah. Level of Aspiration Measure (Performance Type)
  Revised 1996 Hindi/English. It measures general level of aspiration of individual of any age
  group. It provides three types of score (I) goal discrepancy, (ii) attainment discrepancy, and
  (iii) the number of times the goal reach scores. It is a reliable and valid instrument.
- V.P.Sharma and A.Gupta. Educational Aspiration Scale (EAS)
   Form V. Hindi.
- 109. V.P.Sharma and A.Gupta. Educational Aspiration Scale (EAS) Form P. Hindi.

### H. ATTITUDE SCALES

- 110. N.S. Chauhan and Saroj Aurora et al. Attitude Scale (Hamare Dristicon) Hindi/English. It provides scores for six important Social attitudes-social changes, social distance, liberalism, nationalism, social revolution and untouchability.
- 111. P.Kumar. Sex Myth Check List (SMCL) Hindi/English. It contains 23 highly sensitive given in yes/no format and reveals the male, female and both sex related myth.
- 112. T.S.Sodhi. Sodhi's Attitude Scale (SAS) Revised 1984. Hindi/English. Measures attitude of Higher Secondary students towards teachers, parents, discipline, life and community, country and religion.

- 113. S.L.Chopra. Attitude Scale of Towards Education (ASTE) Hindi
- 114. Pramod Kumar. Marriage Attitude Scale (MAS) Hindi/English. It assesses the attitude of person towards marriage.
- 115. R.R.Sharma. Dowry Attitude Scale (DAS) Hindi.
- 116. T.R.Sharma. A Scale for measuring Attitude Towards Educational Administration (ATEA) English. This 20 statement scale is based on Likert's technique. It indicates the attitudes towards educational administration.
- 117. Sadhana Natu & A.J.Wadkar. Attitudes Towards The Mother Scale English / Marathi. The scale can be used to measure young males attitudes towards mother & to sensitize them towards mother's problems & the need to help her in domestic chores. Attitudes are reflected by what the son's think, how they feel, how they behave & what are the mother's areas of influence in son's life. The scale has been standardized on young males between 18 to 22 years.

I MEASURES OF SOCIAL CHANGE

- 118. S.P.Ahluwalia and A.K.Kalia. Comprehensive Modernization Inventory (AKCMI)
  Hindi/English. It measures the change in attitudes of adolescents in seven areas-education,
  parent child relations, politics, status of women, marriage, religion and socio-culture.
- 119. N.K.Chadha. *Dimensions of Rigidity Scale (DRS)* English. It measures rigidity in seven areas-intellectual, emotional, dispositional, social, behavioural, perceptual and creative.

### J. PARENT CHILD RELATIONSHIP & HOME ENVIRONMENT SCALES

- 120. G.P.Sherry and J.C.Sinha. Family Relationship Inventory (FRI) Hindi/English. Provides acceptance, avoidance and concentration scores of adolescents towards their parents.
- 121. N.S.Chauhan and Hrish Sharma. The Parent Child Relationship Scale (PCRS) Hindi. This dimensional scale is filled up by parents. They have to express their attitude towards the child on behavioural dimensions.
- 122. Nalini Rao. Parent Child Relationship Scale (PCRS) Hindi/EnglishThe tool contains 100 items categorized into 10 dimensions namely protecting, symbolic punishment, rejecting, object punishment, demanding, indifferent, symbolic reward, loving, object reward and neglecting. Each respondent scores the tool for both father and mother separately. It is meant for adolescents in the age group 13 to 16 years studying in the secondary school.
- 123. N.S.Chauhan and C.P.Khokhar. *Multi Dimensional Parenting Scale (MDPS)*Hindi/English It is a five point rating verbal scale of 56 items for 7 dichotomous dimensions of parenting hate-love, discouragement-encouragement, rejection-acceptance, dependence-independence, autocratism-democratism, submission-dominance, and conservatism-progressivism. It also measures both fathering and mothering role. 2 scores norms was found on all the dimensions separately for father and mother.

- 124. R.L.Bharadwaj. Parenting Scale (P Scale) Hindi/English. This is intended to measure perceptions of the individual (Perceived parenting) on one's own feeling as to how one is brought up by one's parents on eight dichotomous modes of parenting-rejection vs. acceptance, carelessness vs. protection, neglect vs. indulgence, utopian expectations vs. realism, lenient standard vs. moralism, freedom vs. discipline, faulty role expectations vs. realistic role expectations, and marital conflict vs. marital adjustment. It measures the role of mothering, fathering and parenting as a whole. It is applicable for the age 10+.
- 125. R.R.Sharma. Parental Encouragement Scale (PES) Hindi. It measures the degree of parental encouragement, which a child receives from his parents. It contains 40 items with three response alternatives; percentile norms were developed on 500 boys and 600 girls of high school classes.
- 126. Kusum Agrawal. Agarwal Parental Encouragement Scale (APES) Hindi/English. This scale consists 80 statements and responses are given on five point Likert technique. It is satisfactorily reliable and valid. Percentile norms are given.
- 127. Prerana Mohite. Mohite Home Environment Inventory (MHEI) English. On the basis of child's observation technique, this inventory contains 24 items, which were grouped in five sub-tests- language stimulation, physical environment, encouragement of social maturity, variety of stimulation & maternal attitude and disciplining. This is a reliable & valid instrument.
- 128. K.S.Mishra. Home Environment Inventory (HEI) Hindi/English. It contains 100 items related to ten dimensions of home environment-control, protectiveness, punishment, conformity, social isolation, reward, deprivation of privileges, nurturance, rejection and permissiveness, each dimension has ten items. Scoring is simple. It is reliable and valid instrument with standardization of school going children.
- 129. Harpreet Bhatia and N.K.Chadha. Family Environment Scale (FES) English. This scale of 69 items contains eight sub scales-cohesion, expressiveness, conflict, acceptance, caring (Relationship dimensions), independence, active recreational orientation (Personal growth dimension), organization and control (System maintenance dimension). It is meant from age range of 17 to 50 years.
- 130. **Beena Shah**. Family Climate Scale (FCS) Hindi. This is a 3 point scale of 90 statements relating to 10 dimensions of FCS-freedom-restrictiveness, attention-negligence, dominance-submission, acceptance-rejection, trust-distrust, indulgence avoidance, warmth-coldness, expectation- hopelessness, partiality-fairness, open communication-controlled communication. It takes 40 minutes and it is meant for High School Students.

#### K. INTERPERSONAL RELATIONS AND MATURITY SCALES

131. J.Bharath Raj. Malin's Vineland Social Maturity Scale (VSMS) (Indian Adaptation)
English. The Vineland Social maturity scale was originally devised by E.A. Doll in 1935
since then this test is being used in many parts of the country. This scale is not only
providing social age and social quotient measures but also indicates the social deficits and
social assets in a growing child. It is for age level from 0 to 15 years. It is good to locate
mentally retarded.

- 132. R.P.Srivastava. Social Maturity Scale (SMS) Hindi. It contains 130 items in 17 parts for age groups from infancy to the age of 25 years.
- 133. Nalini Rao. Rao's Social Maturity Scale (RSMS) Hindi / English. This scale contains 90 items and it is meant for primary, secondary and pre university grades students. It measures personal adequacy by work orientation, self-direction, and ability to take stress, interpersonal adequacy by communication, enlightened trust and cooperation and social adequacy by social commitment, social tolerance and openness to change. This is a highly reliable and valid instrument to classify socially mature and immature individuals.
- 134. Sadhana Natu & A.J.Wadkar. Expectations from the Life Partner Scale. English / Marathi. The scale has been designed to know what kind of expectations young men have from their future life partner. It also serves a function of gender sensitization. The expectations from life partner encompasses the dimensions namely intimacy, compatiability, equality & identity. The scale has been standardized on young males between 18 to 22 years.
- 135. V.P.Sharma, Prabha Shukla and Kiran Shukla. Social Competence Scale (SCS) Hindi / English. This scale is meant for school going children from 14 +years. On the basis of factor analysis, it measures social competence through five factors pro-social attitude, social competition, social leadership, social tolerance and social maturity.
- 136. Y.Singh and M.Bhargava. Emotional Maturity Scale (EMS) Hindi/English. It contains 48 items under the five categories-Emotional unstability, emotional regression, social maladjustment, personality disintegration and lack of independence, Meant for Adolescents and adults.
- 137. A.Sengupta and A.K.Singh. Emotional Stability Test for Children (ESTC) Hindi. It consists of 15 items and meant for school going pupils. It is standardized on 500 children.
- 138. R.Bharadwaj and H.Sharma. Emotional Competence Scale (EC-Scale) Hindi/English. It measures 5 emotional competencies namely adequate depth of feeling, adequate expression and control of Emotions, ability to function with emotions, ability to cope with problem of emotions and encouragement of positive emotions separately as well as a whole.

### L. SOCIO-ECONOMIC STATUS SCALE

- 139. G.Misra and L.B.Tripathi. Prolonged Deprivation Scale (PDS) Hindi/English.
- 140. Discontinued
- 141. T.S.Sodhi and G.D.Sharma. Socio-Economic Status Schedule English. For middle aged people.

- 142. P.Bhatnagar and M.R.Rastogi. Family Scale (FS) Hindi/English. It assesses the family position of the adolescents and adults.
- 143. Rajeev Bharadwaj. Socio Economic Status Scale (SESS) Hindi/English.It may be used for both rural & urban population.It provides separate scores for social and economic status.
- 144. B. Kuppuswamy Socio Economic Status Scale: Uroan.
- 145. Udai Pareek and G. Trivedi. Socio Economic Scale: Rural.

### M. PERSONALITY INVENTORIES AND RELATED TESTS

R.B.Cattell and IPAT Staff. 16 P.F.Questionnaire English Version. It has 16 primary scales and other numerous derivative scales. A test of normal adult personality the 16 P.F.Form A to E effectively measure levels of (I) Warmth, (ii) Intelligence, (iii) emotional Maturity, (iv) dominance,(v) impulsivity, (vi) super ego strength, (vii) boldness, (viii) sensitivity, (ix) trust, (x) imagination, (xi) Shrewdness, (xii) confidence, (xiii) radicalism, (xvi) self sufficiency, (xv) self sentiment, and (xvi) tension, Additional derived scales include five second order factors-extraversion, anxiety, tough poise, independent and social control plus composite scores for creativity, adjustment, leadership and numerous other criteria related scales. It is widely used in industry and business for selection, placement, training and promotion of personnel. It also facilitates accurate diagnosis and effective treatment. Range 16 years and above. Forms A and B are equivalent forms of 187 items, untimed, required 45-60 minutes, Forms C and D are equivalent forms of 105 items, meant for 15+and adult, unitimed, requires 25-30 minutes and Form E of 128 items is for low literates.

i. Form A
ii. Form B
iii. Form C
iv. Form D
v. Form E

147. S.D.Kapoor. 16 P.F.Questionnaire Indian Adaptation (QIA) in Hindi Version. Description same as of English version.

Form A

ii. Form B
iii. Form C
iv. Form D
v. Form E

148. R.B.Cattell and Cattell. High School Personality Questionnaire (HSPQ) English. HSPQ measures 14 primary personality dimensions i. Warmth, ii. Intelligence, iii emotional maturity, iv. excitable, v. assertive, vi. enthusiastic, vii. super ego strength, viii. venturesome, ix. dependent, x. individualistic, xi. depressive, xii. self sufficient, xiii. controlled, and xiv. tense. It contains 142 items in each form and is meant for age 12-18 Years. Time required is 40 minutes.

i. Form A

ii. Form B

149. S.D.Kapoor and Srivastava. High school Personality Questionnaire (HSPQ) Hindi Version. Description same as of English version. i. Form A

ii. Form E

- 150. S.Cattell and Cattell. Technical Hand Book of HSPQ. It gives full technical information on test development, reliability, validity, interpretation and use of scores.
- 151. Porter and Cattell. Children's Personality Questionnaire (CPQ) English. The CPQ measures 14 primary traits useful in understanding and evaluating the course of personal, social and academic development, plus traits related to creativity. Traits measured by CPQ include emotional stability, self concept level, excitability and apprehension, scores for extraversion, anxiety and other broad trait patterns are also obtained as combination of the primary scales. It is meant for age groups between 8-12 years. Each form has 140 items. Time required is 30 to 60 minutes per form. Minimum reading level is 4<sup>th</sup> standard.

i. Form A

ii. Form B

152. S.D.Kapoor and S.Rao. Indian Adaptation of Children's Personality Questionnaire. Hindi Version. The CPQ measures 14 primary traits useful in understanding and evaluating the course of personal, social and academic development, plus traits related to creativity. Traits measured by CPQ include emotional stability, self concept level, excitability & apprehension, scores for extraversion, anxiety & other broad trait patterns are also obtained as combination of the primary scales. It is meant for age groups between 8-12 years. Each form has 140 items. Time required is 30 to 60 minutes per form. Minimum reading level is 4<sup>th</sup> standard.

i. Form A

- ii. Form B
- 153. Dr. Medha Kumthekar and Mrs. Aparna Joshi Children's Personality Questionnaire (CPQ) (Marathi).
- 154. Cattelll and Coan. Early School Personality Questionnaire (ESPQ) English. The special format of ESPQ measures objectively 13 primary personality dimensions as the child begins his school years. Questions may be read aloud by the teacher and answers are marked on a pictorial answer booklet. The child needs only be able to discriminate the letter A from the letter B & to recognise pictures of a bird, cat, tree, flower and other common objects. It is meant for the age group from 6 to 8 years. It is divided for convenience into two parts-A1 & A2, 80 items each.
- Multi Dimensional Assessment of Personality Series (MDAPS) English Version. Form A, T & C has 147 items which measures 20 dimensions covering adaptability, achievement, motivation, boldness, competition, enthusiasm, general ability, guilt proneness, imagination, innovation leadership, maturity, mental health, morality, self control, sensitivity, shrewdness, suspiciousness, social warmth and tension of normal adult personality. It takes 30 minutes to complete the test.
  i. Form A(Adult)

FormT(Teenage)

iii. Form C(Children)

Form P has 60 items, which measures normal child personality and measures 10 dimensions covering boldness, competition, emotional stability, excitability, general ability, guilt proneness, morality, sensitivity, social warmth and tension.

iv. (FormP(Primary)

156. Upinder Dhar and Manisha Jain. Type A/B Behavioural Pattern Scale (ABBPS) Hindi/English. It is meant for working population.

- 157. Mahesh Bhargava. Dimensional Personality Inventory (DPI) Hindi / English. It contains 60 items which measures six personality dimensions- activity-passivity, cyclothymia-schizothymia, dominance-submission, high and low paranoid, high and low depression and unstability and stability.
- 158. Y.Singh and H.M.Singh. *Personality Inventory (PI)* Hindi. Measures of introversion-extroversion. Standardized on college population.
- 159. N.K.Chadha and S. Chandna. Dimensions of Temperament Scale (DTS) English. It contains 152 items & measures 15 Dimensions sociability, ascendant, secretiveness, reflective, impulsivity, placid, accepting, responsible vigorous, cooperative, persistence, warmth, aggressiveness, tolerance & tough-minded. It is standardized on children between 14 to 18 years.
- 160. S.Malhotra and Anil Malhotra. *Matlhotra's Temperament Schedule (MTS)*Hindi/English. It is meant for children age range 4 -14 years of both sexes. It measures five temperamental variables sociability, emotionality, energy, attentivity & rhythmicity.
- 161. C.S.Mehta and N.Hasnain. *Obedient-Disobedient Tendency Scale (ODTS)* Hindi. It contains 36 items which measure obedient-disobedient tendency of children between age range of 14 to 17 years. It is useful in teaching, guidance and counselling.
- 162. N.Hasnain and D.D.Joshi. Locus of Control Scale (LCS) Hindi. It is based on Rotter's technique. 36 items measure the internal external dimension of Locus of Control.
- 163. Sanjay Vohra. Levenson's Scale for Locus of Control Indian Adaptation English. This 24 Likert type Rating items scale measures locus of control in three dimensions, i.e. powerful on others (P) chance control (c) and individual control (I) Meant for above 16 yrs.
- 164. S.K.Verma and Anita Verma. P.G.I.General Wellbeing Measure Hindi/English. It contains 20 statements, which express the subjective feelings of one's well being.

#### N. TESTS FOR ASSESSING CLINICAL ASPECTS & PERSONALITY

- 165. R.N.Kundu. Kundu Introversion Extraversion Inventory
- 166. S.B.G.Eysenck and H.J.Eysenck. Eysenck's Personality Questionnaire R (EPQ-R) English. It is designed to measure three important Personality dimensions-Psychoticism, Extraversion and Neuroticism and each trait contains 100 questions.
- 167. **H.J.Eysenck.** Maudsley Personality Inventory (MPI) English. It is designed to measure two important personality dimensions-Neuroticism and Extraversion and each of these two traits are measured by 24 questions. It is meant for adult men and women. Sten norms are available.
- 168. S.Jalota and S.D.Kapoor. Eysenck's Maudsley Personality Inventory (MPI) Hindi. The MPI is a measure of Neuroticism and Extraversion duly adapted and standardized in Indian conditions on population ranging from 16 years and above. The inventory is untimed, takes about 15 minutes to answer 48 items. Derived norms are in T-scores.

- 169. R.N.Singh and Mahesh Bhargava. Adjustment Neurotism Dimensional Inventory (ANDI) Hindi/English. This inventory consists 105 items in three response alternatives and measures seven dimensions. Self esteem-self inferiority, happiness-depression, calmness-anxiety, naturality-obsessiveness, independence-dependence, feeling of being healthy-hypochondriasis, innocence-guilt feeling. It can be used on both the sexes from age group 17 to 60. Norms are available in form of Mean & S.D. and Sten Norms.
- 170. R.B.Cattell and S.Krug. IPAT Clinical Analysis Questionnaire (CAQ) English. Intended for general clinical diagnosis and evaluating therapeutic progress, the CAQ was developed to meet the needs of clinical psychologists for objective measurement of primary behavioural dimensions. Minimum 8<sup>th</sup> standard level.
- 171. S.D.Kapoor and R.N.Singh. Indian Adaptation of Clinical Analysis Questionnaire (CAQ) Hindi.
- 172. M.Kapoor and M.Bhargava. Eight State Questionnaire (8 SQ) Hindi. (Form A, Form B)
- 173. D.Pershad et al. Dysfunction Analysis Questionnaire (DAQ) Hindi. Measures five areas of dysfunction-social, vocational, personal, family and cognitive. It can be successfully used on neurotics, psychotics and organics patients.
- 174. N.R.Mrinal and Uma Singhal. Defense Mechanism Inventory (DMI) Hindi. It measures 5 clusters of defense mechanisms Turning Against Self (TAS), Turning Against Object (TAO) Principalization (PRN), Reversal (REV) and Projection (PRO)., (Male Form, Female Form)
- 175. N.S.Chauhan and Saroj Aurora. Revised Behavioural Deviance Scale (BDS)
  Hindi/English. It measures the behavioural deviance under three dimensions with drawing deviance (W.D.) expectation evasion deviance (E.E.D.) and rebellion deviance (R.D.)
- 176. M.Bhargava and R.Sandhu. Guidelines for Bender Visual Motor Gestalt Test.
- 177. R.P.Srivastava. Clinical Case Study Form Hindi.
- 178. Ravinder Kaur. Fear Check List (FCL) Hindi/English. It may be useful in studying the fear of children and adolescents through various objects. It measures rational and irrational fears of a subject.
- 179. R.N.Kundu. Kundu Neurotic Personality Inventory.

#### O. PROJECTIVE TECHNIQUES

- 180. H.Rorschach Ink Blot Test.- Complete set includes text, card, record & analysis blanks & location charts..
- 181. H.A.Murray. Thematic Apperception Test (TAT) (Original). It is a method of revealing to the trained interpreter some of the dominant drives, emotions, sentiments, complexes and conflict of a personality. It is found useful in comprehensive study of personality, behaviour disorders, psychosomatic illness etc. (Manual 20 cards & 5 Analysis blanks.

- L.P.Mehrotra. Indian Adaptation of Thematic Apperception Test (TAT) (31 Cards, 1 Manual and 50 Record and Analysis Blank).
- 183. Uma Choudhary. Indian Modification of The Thematic Apperception Test (TAT) (set of 13 Cards, 1 Manual.
- 184. Uma Choudhary. Indian Modification of Bellack's Senior Apperception Test (SAT). It aims to study the personality structure and dynamics, adjustment problems, behavioural disorders, tension, anxiety, internal motivation and hidden tendencies of aged people. It contains 16 cards and revealing various conditions and situations of older people.
- 185. Lepold Bellack and S.S.Bellack. Children's Apperception Test (CAT) original. The CAT consists of ten pictures depicting animals in various situations. It is used with children of both the sexes primarily between the ages of 3 to 10 for maximal usefulness. It is designed to facilitate understanding of a child's relationship to his most important figures and drives. (Animal Figure, Human Figure)
- 186. Uma Choudhary. Indian Modification of Children's Apperception Test (CAT).

  10 cards & Manual.
- 187. L.N.Dubey and Archna Dubey. Sentence Completion Test (SCT) Hind/English. It measures certain personality traits-sociability, self confidence and ambitions. All the sentences are so framed that they lead to reveal the positive or negative aspects related to one's trait. Age range 14 to 19 years.
- 188. L.N.Dubey. Case Study Form Hindi.

### P. SELF CONCEPT & SELF RELATED VARIABLES

- 189. Pratibha Deo. Self Concept List Rating Scale (SCLRS) Hindi/English It is the revised form of old personality word list. It contains 90 Adjectives which reveal the self-concept in the areas of Intelligence, emotional, social, character and aesthetic.
- 190. R.K.Saraswat. Self Concept Questionnaire (SCQ) Hindi/English. This 48 items questionnaire measures self-concept in six areas-physical, social, temperamental, educational, moral and intellectual of school going children.
- 191. A.K.Singh and Alpana Sengupta. Self Control Scale (SCS) Hindi/English. It contains 30 items classified in three dimensions-adequacy of self-regulation, freedom from impulsivity and freedom from self centeredness. It is meant for 10 to 15 years children. Time 15 minutes.
- 192. Rekha Agnihotri. Self Confidence Inventory (ASCI) Hindi. It contains 56 items and has been designed to assess the level of self confidence among adolescents and adults.
- D.D.Pandey. Pandey Self Confidence Inventory (PSCI) Hindi It contains 60 true/false type items and measures self confidence of students.

194. Sadhana Natu & A.J.Wadkar. Adult Role Concept Check List – English / Marathi.

It is useful to measure the young men's ideas about their adult roles in future. The roles are of a married son, like partner, father, role in child care, perception of ideal adult role, professional, householder & patterns of decision making. The scale has been standardized on young mens between 18 to 22 years.

### Q. MOTIVATIONAL TESTS

- 195. V.P.Bhargava. Achievement Motive Test (ACMT) (Based on Sentence Completion Method) Hindi/English. The test consists of 50 items of incomplete sentences which are to be completed by the subjects by putting a check mark on any one of three responses. Time is 30 minutes. Norms are available on 600 college going students from 16 to 22 years.
- 196. Pratibha Deo and Asha Mohan. Deo-Mohan Achievement Motivation (n-ach) Scale English. The scale consists of 50 items as suggested by McClelland and Atkinson. It is standardized on 13 to 20 years boys and girls.
- 197. Pratibha Deo and Asha Mohan. Deo-Mohan Projective Test of Achievement Motivation (N-Ach) Hindi /English. It consists of five pictures in the two sets separately for boys and girls. The traditional T.A.T. type content analysis system of scoring is adopted. It is standardized on age group between 13 to 20 years.
- 198. Asha Bhatnagar. Study Involvement Inventory (SII) Hindi/English. This inventory contains 40 items. The main purpose of this inventory is to measure the involvement of students in their scholastic pursuits (Studies). It also measures intrinsic scholastic motivation. Ten need areas (Murray) was taken into consideration as-abasement, achievement, affiliation, aggression, autonomy, deference, nurturance, order, recognition and succorance. Time limit 15 minutes. Standardized on 600 students (boys and girls) of higher secondary classes.
- 199. Prayag Mehta. Achievement Motivation Test and Inventory.
- 200. Prayag Mehta. Social Achievement Motivation. Needs, Values and Work Organisation

### R. ADJUSTMENT AND PROBLEM INVENTORIES

- Adjustment Inventory (Marathi or English) by Dr.M.N.Palsane with manual, record blanks & stencils. Full Set
- 202. N.K.Bhagia. Bhagia School Adjustment Inventory Hindi Edition.
- 203. P.Kumar. Revised Adjustment Inventory 1983 Hindi. It is a brief inventory and measures general adjustment of any individual.
- 204. Shamshad Hussain and Jasbir Kaur. Shamshad-Jasbir Old-age Adjustment Inventory (SJOAI) Hindi/English. This inventory was developed for old aged male and female ranging between 50 to 65 years of age belonging to different professions. This 125 items inventory measures the adjustment of old aged people into six areas-health, home social, marital, emotional and financial. Percentile norms are available sex wise and professional status wise.

- 205. S.M.Mohsin, Shamshad Hussain and Khursheed Jahan. Mohsin-Shamshad Hindi Adaptation of Bell's Adjustment Inventory (Modified form 1987). This 124 items inventory measures adjustment in the areas of home, health, social and emotional of intermediate and undergraduate male and female students of urban and rural background.
- 206. A.K.Singh & A.Sen Gupta. High School Adjustment Inventory (HSAI) Hindi. It measures maladjustment of high school students in the areas of home, school, health, social & emotional.
- 207. A.K.P.Sinha. and R.P.Singh. Adjustment Inventory for School students (AISS) Hindi/English. It measures adjustment in three areas-emotional, social and educational. Standardized on a sample of 1950 students of both sexes.
- 208. A. K.P. Sinha and R.P. Singh. Adjustment Inventory for College Students (AICS) Hindi/English. It measures Adjustments in five areas, home, health, social, emotional and educational. Standardized on 1550 and 730 female students.
- 209. R.K.Ojha. Adjustment Inventory Hindi. It is meant for students from High School to postgraduate classes. It measures adjustment on the lines of Bell's in the areas of home, health, social and emotional
- 210. V.K.Mittal. Adjustment Inventory Hindi. College or School form. It measures adjustment in the areas of home, social, health and emotional and school/college adjustment. Standardized on 1200 Students from IX to P.G.level of both male and female.
- 211. S.K.Mangal. Teacher Adjustment Inventory () Hindi/English. It is designed to measure adjustment of teachers of both sexes. It contains 253 items, which are classified in five fields-adjustment with academic and general environment of the institution, socio-psycho physical adjustment, professional relationship adjustment, personal life adjustment, financial adjustment and job satisfaction. It is standardized on 1217 teachers (714 males and 503 females belonging to 100 high schools.)
- 212. S.K.Mangal. Mangal Teacher Adjustment Inventory (MTAI Short Form) Hindi/English. It measures general teacher's adjustment and contains 70 items of Yes/No type.
- 213. M.C.Joshi and Jagdish Pandey. Problem Check List (PCL) Hindi / English. It is based on Mooney Problem checklist. High School form and it contains 30 problems in each of eleven areas of adolescents problems. They are (I) health and physical development, (ii) finance, living conditions and employment, (iii) social and recreational activities, (iv) sex and marriage, (v) socio-psychological relations, (vi) personal psychological relations, (vii) moral and religion, (vii) home and family, (ix) future-vocational and educational, (x) adjustment to school work, and (xi) curriculum and teaching procedures.

### S. IMPULSIVENESS AND FRUSTRATION

214. Anjali Srivastava and R.K.Naidu. Impulse Control (I-C) Scale Hindi. It is a five point rating scale of 65 items and yielded 4 clusters-negative affect index I, negative affect index Ii, positive and undifferentiated emotions index and endurance and persistence index. It is meant for male and female college going students.

- 215. Udai Pareek. Indian Adaptation of Rosenzweig's P.F.Study for Children. Hindi edition but can be used in other languages with suitable translations of the 1 sentence dialogue items.
- 216. B.M.Dixit and D.N.Srivastava. Reactions to Frustration Scale (RFS) Hindi/English. It measures reaction to frustration in 4 modes-aggression, resignation, fixation and regression. It contains forty items.

### T. NEURO-PSYCHOLOGICAL ASSESSMENT AND RELATED TESTS

- D.Pershad & S.K.Verma.P.G.I.Battery of Brain Dysfunction(PGI-BBD) Hindi/ Engish This battery consists of five sub-tests-memory scale, performance tests of intelli- gence, verbal adult intelligence scale, Nahor-Benson test, & Bender Gestalt Test. This mea- sures brain dysfunctions of various types of mental patients. It is very useful in clinical practice.
- 218. J.Bharath Raj. Medico-Psychological Questionnaire (MPQ) English. It measures hysteria, neurasthenia, anxiety neurosis, reaction depression, and obsessive-compulsion tendency of normal and abnormal person. It measures neuroticism in terms of emotional adjustment and emotional maladjustment.
- 219. Weschler Memory Scale 1987. It is an original scale, meant for 16 to 74 years. It yields detailed informations about an individual's memory functioning.
- 220. **D.Pershad and N.N.Wig**. *P.G.I.Memory Scale (PGIMS)* Hindi/English A widely known P.G.I. Memory Scale contains 10 sub-tests-remote memory, recent memory, mental balance, attention-concentration, delayed recall, immediate recall, retention for similar pairs, retention for dissimilar pairs, visual retention & recognition.
- 221. Lauretta Bender. Bender Gestalt Test

#### U. MEASURES RELATED TO SOCIAL SITUATIONS

- 222. K.Dewedi, Shoba Bhatnagar and Usha Asthana. Social Distance Scale (SDS) Hindi. It is based on Bogardus and Crespi's scales. It contains 12 items to measure the social distance. It is meant for any age group.
- 223. R.L.Bharadwaj. Comprehensive Scale of Tension (CST) Hindi /English. It contains 32 items for 10 areas-religiosity, economic, education, incidence occurrence, politics, social distance, dominance, nationality, linguistic and sports. It measures community, caste, religion & language tension. Time 15 minutes. Norms were on Hindu, Muslim and Sikh population.
- 224. R.L.Bharadwaj and Harish Sharma. *Prejudice Scale (P Scale)* Hindi/English This 36 items scale is related with 3 prejudiced behaviour areas of Caste, religion and community. Norms are available on Hindu and Muslim population.
- 225. L.N.Dubey and B.M.Dixit. Superstition Scale (SS) Hindi. It denotes the tendency to direct ones behaviour with an irrational and mysterious fear or to gain privilege from the supernatural power. It contains 40 statements and each has three alternative answers. It is meant for males and females from 15 to 35 years and above. It was standardized on 1865 people drawn from urban and rural areas and people were selected from all socio-economic status and varied education, intelligence and personality characteristics.

### V. TEST RELATING TO TEACHING-LEARNING SITUATIONS:

- 226. S.P.Ahluwalia. Teacher Attitude Inventory (TAI) Hindi/English. This Likert type scale covers six sub areas-attitude towards teaching profession, class-room teaching, child-centered practice, educational process, pupils, and teachers. Standardized on 2169 pupil teachers.
- M.Mukhopadhyaya. Mukhopadhyaya's change Proneness Inventory (MCPI) for teachers English.
- 228. B.K.Passi and M.S.Lalitha. General Teaching Competency Scale (GTCS) English.
- 229. P.Kumar and D.N.Mutha. Teacher Effectiveness Scale (TES) Hindi Revised 1983.
- 230. Mudgil, Muhar and Bhatia. Teacher's job satisfaction scale (TJSS) English.
- S.B.Kakkar. Kakkar Fitness for Teaching Scale (KFTS) English. It contains 82 questions
  of five-point rating and measures the fitness of teaching.
- 232. P.Kumar & D.N.Mutha. Teacher's Job satisfaction Scale (TJSS) Hindi Revised 1983.
- 233. M.L.Shah and Amita Shah. Academic Climate Description Questionnaire (ACDQ) Hindi. It contains 84 items and measures academic climate through four sub-tests-physical material, interpersonal trust, school provisions and academic provision. It is reliable, valid and percentile norms were computed for students (boys and girls) for all the four dimensions of ACDQ as well as whole. It is meant for higher secondary students.
- 234. K.S.Misra. School Environment Inventory (SEI) Hindi. It is an instrument designed to measure psycho-social climate of schools as perceived by the pupils. It contains 70 items related to six dimensions of school environment-creative stimulation, cognitive encouragement, permissiveness, acceptance, rejection and control. Time 20 minutes. It is meant for High school and intermediate students.
- Haseen Taj. Administrative Behaviour Scale (ABS) for School Heads. English. It contains 90 items of 5 point response alternative and measures the planning, organization, communication and decision making aspects of administrative behaviour of secondary schools. It was used for various purposes on various type of school management like Govt./Corporation, private aided and private unaided. It was found highly reliable and valid by using various methods.
- 236. Beena Shah and S.K.Lakhera. Educational Problems Questionnaire for students (EPQS) Hindi. It consists of 164 items, which deal with various educational problems of students under four broad areas.

- 237. D.Venkataraman. Style of Learning and Thinking (SOLAT) English. It is intended for school children from 8<sup>th</sup> standard to college students and consists of 100 items. It assesses five learning styles of concept-verbal, content preference, class preference, learning preference and interest and five thinking styles-concept Logical, divergent, creative, problem solving and imaginative in terms of right and left hemisphere. Sten norms are given.
- 238. Psychometric Evaluation of School Children: A Handbook H.H. Vafides.

# W. TOOLS IN ORGANIZATIONAL AND MANAGEMENT AREA

- 239. K.G.Agarwal. Work Motivation Questionnaire (WMQ) Hindi/English. It has application in the area of Management and industrial Psychology. It assesses work motivation both intrinsic and extrinsic. It has 26 items and on the basis of these 26 items six motivational factors were identified dependence, organizational orientation, work group relations, psychological incentives, material incentives and job situations.
- 240. V.P.Sharma. Comprehensive Scale of Entrepreneurship (CSE) English. It is designed to discover entrepreneurship qualities of youth through six sub-tests-(I) self perception of entrepreneurship traits, (ii) organizational ability and management skills, (iii) personality maturity, (iv) executive reaction pattern.(v) human relations and (vi) human engineering. It contains 180 items and time schedule is 150 minutes. It was found highly reliable and valid.
- 241. Multifactor Leadership Questionnaire -Bernard M. Bass and Bruce J. Avolio
- 242. Discontinued
- 243. Discontinued
- 244. A.K.Srivastava and A.P.Singh. The Occupational Stress Index (OSI) Hindi/English. It consists 46 items and related to different stresses-over-load, role ambiguity, role conflict, group pressure, responsibility, under-participation, powerlessness, poor peer relationship etc.
- 245. Amar Singh and T.R.Sharma. Job satisfaction Scale (JSS) English/Hindi. It measures the job satisfaction of everybody, contains 30 items, although it is standardized on college teachers, engineers advocates and doctors.

### X. STRESS AND ANXIETY SCALE

- 246. A.K.P.Sinha and L.N.K.Sinha. Sinha's Comprehensive Anxiety Test (SCAT) Hindi/English. It contains 90 items of manifest anxiety. It is highly reliable and valid. Time 15 to 20 minutes. Scoring is simple. Percentile norms are available on college students. Level of anxiety many be classified in five categories.
- 247. Abha Rani. Bist battery of Stress Scales (BBSS) Hindi. This battery measures four components of stress-frustration, conflict, pressure and anxiety through 13 sub-tests.

- 248. H. Sharma R.L.Bharadwaj and M. Bhargava. Comprehensive Anxiety Test (CAT)
  Hindi/English: The final form of the test has 90 items relating to the symptoms of the
  anxiety, a highly reliable and valid instrument to assess manifest anxiety. It is meant for 18
  to 50 years males and females. 15 minutes time. Percentile norms are given.
- 249. A.Kumar. Test Anxiety Scale for Children (TASC) Hindi. It contains 30 items to measure test anxiety of both Sexes children studying in elementary classes. It is standardized on 400 children.
- 250. R.B.Cattell. S.E. Krug and I.H.Scheier. IPAT Anxiety Scale English. This 40 items Questionnaire provides a convenient and practical measure of anxiety level. It is constituted on the basis of 5 principal 16 P.F. factors namely emotional instability, suspiciousness, guilt proneness, low integration and tension. It is meant for 16 years and adult. Approximate time 15 minutes. Standard scores for adult, college and high school population.
- 251. S.D.Kapoor. Indian Adaptation of IPAT Anxiety Scale Hindi Version.

## Y. PHOTOGRAPHS, CHARTS AND TABLES.

- \*252. Photographs of Eminent Psychologist with lamination. Total 41 Nos.

  A. Adler, P.C.Bartlett, W.M.Bechterew, A. Binet, E.G. Boring, B. Bourdon, C. Burt, E. Claperede, J. Drever, G.T. Fechner, J.C. Flugel, S. Freud, F. Galton, A.L.Gesell, A.E.Gemeli, H. von Heimholtz, E. Hering, G. Heymans, W.S.Hunter, H. Hoffding, P. Janet, K. Koffka, W. Kohlet, L. Levy-Bruhi, W.McDougall, A. Michotte, G.E.Muller, I,P.Pavlov, T.H.Pear, J. Piaget, H. Pieron, E. Rubin, C. Speearman, W. Stern, L.M.Terman, E.L.Thorndike, J.B.Watson, R.S.Woodworth, W. Wundt, R.M.Yerkes.
- 253. The Human Body Chart (3 Dimensional) Italian Set of Eight Charts. (i) Skeleton and Cranial Bones, (ii) Muscles, (iii) Circulatory apparatus & Heart, (iv) Nervous System (v) Digestive organs, (vi) Respiration Apparatus, Mouth, Teeth (vii) The Eye, Ear and Skin Receptors, (vii) Olfactory organs & taste.
- 254. Human Physiology 3 Dimensional Framed Chart Set of Eleven Charts. (i) Circulatory System, (ii) Digestive System (iii) Kidney, (iv) Heart, (v) Respiratory System, (vi) Eye, (vii) Skeleton, (viii) Ear, (ix) Nervous System, (x) Muscle, (xi) Section of the Brain.
- 255. Human Physiology 3 Dimensional Framed Chart. Set of Eight Charts. (i) Circulation System, (ii) Muscles, (iii) Respiratory, (iv) Nervous System of Brain, (v) Heart, (vi) Skeleton, (vii) Digestive System, (vii) Eye, Ear & Skin.
- 256. Human Physiology Chart laminated Poly. Set of Twelve Charts (1) Muscles, (2) Digestive System (3) Respiratory, (4) Nervous system, (5) Skeleton System (Bones), (6) Lymphatic System, (7) Teeth and Skin, (8) Sexually Transmitted Disease, (9) Endocrine Systems, (10) Immune Systems, (11) Human Eye, Ear & Head, (12) Circulatory System.