CHAPTER-5
CONCLUSIONS, LIMITATIONS AND SUGGESTIONS

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CHAPTER-5

Conclusions, Limitations and Suggestions

5.1 Preamble

Psychology is defined as the science of human behavior. It is the study of human behavior in a social setting or in an environment and compares one person with another and also the behavior of one group. Behavior of human is determined by several factors studying various aspects of human behavior and characteristics, many factors were found to be operating in the behavior of human beings and the factors are determining how a person is behaving in a particular situation.

The purpose of the present research is to study various personality characteristics, self-esteem, and academic achievement motivation in children related to their social economic status and birth order. This research plans to see if there is any significant difference between boys and girls according to their birth order and social economic status with regards to personality, self-esteem, and academic achievement motivation.

5.2 Research Abstract

The aim of present research was to study the “personality self-esteem and academic achievement motivation in children related to their social economic status and birth order.” Here independent variables were sex, birth order, and social economic status. Here a 2 x 2 x 3 factorial design was used. Total 600 boys and girls were selected with randomization, out of 600 boys and girls there were 480 boys and girls were selected. Age range of the sample was 8 to 12 years. (According to CPQ Manual). Out of 480 boys and girls, 240 boys and 240 girls were selected. Out of 240 boys and girls, 120 boys and girls were selected whose the first child of their parents and 120 boys and girls were selected whose the second child of their parents. Now out of 120 first birth boys and girls, 40 boys and girls were selected who belong with high social economic status, 40 boys and girls were selected who belong with medium social economic status and 40 boys and girls were selected who belong with low social economic status. Out of the 120 second birth boys and girls 40 boys and girls were selected who belong with high social economic status, 40 boys and girls were selected who belong with medium social economic status and 40 boys and girls were selected who belong with low social economic status.

For the measure of children’s personality here ‘Children Personality Questionnaire’ (CPQ) was used. This Questionnaire was developed by Porter & Cattle (1968). Here gujarati
adaptation was used, which was developed by Jogsan. For Measure self-esteem in children ‘self-esteem’ inventory was used, which was developed by A. M. Egly. For Measure children’s academic achievement motivation, T. R. Sharma’s academic achievement motivation scale was used. For measure Socio-economic status, Agarwa’s et. al. (2005) SES Scale was used.

For Data Analysis here ANOVA(f-test), LSD, and karl Pearson correlation methods were used. According to ANOVA, LSD and correlation (r) results of this Research are is under.

5.3 Conclusions

(1) There is significance difference in the main impact of sex variable on personality characteristic factor A (Reserved Vs. Out Going). Here ‘f’ value is 10.33. It is significant at 0.01 level. Here Ho₁ is reject.

(2) There is no significance difference in the main impact of birth order variable on personality characteristic factor A (Reserved Vs. Out Going). Here ‘f’ value is 10.45. It is not significant. Here Ho₂ is reject.

(3) There is significance difference in the main impact of the birth order variable on personality characteristic factor A (Reserved Vs. Out Going). Here ‘f’ value is 8.87. It is significant at 0.01 level. Here Ho₃ is reject.

(4) There is no significance difference in the internal impact of sex and birth order variables on personality characteristic factor A (Reserved Vs. Out Going). Here ‘f’ value is 3.33. It is significant. Here Ho₄ is accept.

(5) There is no significance difference in the internal impact of the sex and social economic status variables on personality characteristic factor A (Reserved Vs. Out Going). Here ‘f’ value is 2.04. It is not significant. Here Ho₅ is accept.

(6) There is no significance difference in the internal impact of the birth order and social economic status variable on personality characteristic factor A (Reserved Vs. Out Going). Here ‘f’ value is 1.84. It is not significant. Here Ho₆ is accept.

(7) There is no significance difference in the internal impact of sex, birth order and social economic status variables, on the personality characteristic factor A (Reserved Vs. Out Going). Here ‘f’ value is 0.73. It is not significant. Here Ho₇ is reject.

(8) There is no significance difference in the main impact of sex variable on personality characteristic factor B (Less Intelligent Vs. More Intelligent). Here ‘f’ value is 0.17. It is not significant. Here Ho₈ is accept.
(9) There is no significance difference in the main impact birth order variable of the personality characteristic factor B (Less Intelligent Vs. More Intelligent). Here ‘$f$’ value is 0.83. It is not significant. Here $H_{09}$ is accept.

(10) There is significance difference in the main impact of social economic status variable on personality characteristic factor B (Less Intelligent Vs. More Intelligent). Here ‘$f$’ value is 9.55. It is significant at 0.01 level. Here $H_{10}$ is reject.

(11) There is no significance difference in the internal impact of the sex and birth order variable on personality characteristic factor B (Less Intelligent Vs. More Intelligent). Here ‘$f$’ value is 0.08. It is not significant. Here $H_{11}$ is accept.

(12) There is no significance difference in the internal impact of the sex and social economic status variable on the personality characteristic factor B (Less Intelligent Vs. More Intelligent). Here ‘$f$’ value is 0.62. It is not significant. Here $H_{12}$ is accept.

(13) There is no significance difference in the internal impact of the birth order and social economic status variables on the personality characteristic factor B (Less Intelligent Vs. More Intelligent). Here ‘$f$’ value is 0.69. It is not significant. Here $H_{13}$ is accept.

(14) There is no significance difference in the internal impact of the sex, birth order and social economic status variables on the personality characteristic factor B (Less Intelligent Vs. More Intelligent). Here ‘$f$’ value is 0.14. It is not significant. Here $H_{14}$ is accept.

(15) There is significance difference in the main impact of the sex variable on the personality characteristic factor C (emotionally less stable Vs. emotionally stable). Here ‘$f$’ value is 13.55. It is significant at 0.01 level. Here $H_{15}$ is accept.

(16) There is no significance difference in the main impact of the birth order variable on the personality characteristic factor C (emotionally less stable Vs. emotionally stable). Here ‘$f$’ value is 0.08. It is not significant. Here $H_{16}$ is accept.

(17) There is significance difference in the main impact of the social economic status variable on the personality characteristic factor C (emotionally less stable Vs. emotionally stable). Here ‘$f$’ value is 10.38. It is significant at 0.01 level. Here $H_{17}$ is reject.
(18) There is no significance difference in the internal impact of the sex and birth order variables on the personality characteristic factor C (emotionally less stable Vs. emotionally stable). Here ‘f’ value is 1.22. It is not significant. Here Ho$_{18}$ is accept.

(19) There is significance difference in the internal impact of the sex and social economic status variables on the personality characteristic factor C (emotionally less stable Vs. emotionally stable). Here ‘f’ value is 4.84. It is significant at 0.01 level. Here Ho$_{19}$ is reject.

(20) There is no significance difference in the internal impact of the Birth order and social economics status variables on the personality characteristic factor C (emotionally less stable Vs. emotionally stable). Here ‘f’ value is 0.14. It is not significant. Here Ho$_{20}$ is accept.

(21) There is no significance difference in the internal impact of the sex, birth order and social economic status variables on the personality characteristic factor C (emotionally less stable Vs. emotionally stable). Here ‘f’ value is 0.34. It is not significant. Here Ho$_{21}$ is accept.

(22) There is no significance difference in the main impact of sex variable on the personality characteristic factor D (phlegmatic temperament Vs. Excitability). Here ‘f’ value is 16.87. It is significant at 0.01 level. Here Ho$_{22}$ is reject.

(23) There is no significance difference in the main impact of the birth order variable on the personality characteristic factor D (phlegmatic temperament Vs. Excitability). Here ‘f’ value is 0.21. It is not significant. Here Ho$_{23}$ is accept.

(24) There is significance difference in the main impact of the social economic status variable on the personality characteristic factor D (phlegmatic temperament Vs. Excitability). Here ‘f’ value is 10.35. It is significant 0.01 level. Here Ho$_{24}$ is reject.

(25) There is no significance difference in the internal impact of the sex and birth order variables on the personality characteristic factor D (phlegmatic temperament Vs. Excitability). Here ‘f’ value is 0.67. It is not significant. Here Ho$_{25}$ is accept.

(26) There is no significance difference in the internal impact of the sex and social economic status variables on the personality characteristic factor D (phlegmatic temperament Vs. Excitability). Here ‘f’ value is 1.25. It is not significant. Here Ho$_{26}$ is accept.
(27) There is no significance difference in the internal impact of the birth order and social economic status variables on the personality characteristic factor D (phlegmatic temperament Vs. Excitability). Here ‘f’ value is 0.45. It is not significant. Here Ho_{27} is accept.

(28) There is no significance difference in the internal impact of the sex, birth order and social economic status variables on the personality characteristic factor D (phlegmatic temperament Vs. Excitability). Here ‘f’ value is 1.13. It is not significant. Here Ho_{28} is accept.

(29) There is significance difference in the main impact of the sex variable on the personality characteristic factor E (Submissiveness Vs. Ascendance). Here ‘f’ value is 12.12. It is significant at 0.01 level. Here Ho_{29} is reject.

(30) There is no significance difference in the main impact of the birth order variable on the personality characteristic factor E (Submissiveness Vs. Ascendance). Here ‘f’ value is 1.26. It is not significant. Here Ho_{30} is accept.

(31) There is no significance difference in the main impact of the social economic status variable on the personality characteristic factor E (Submissiveness Vs. Ascendance). Here ‘f’ value is 1.57. It is not significant. Here Ho_{31} is accept.

(32) There is no significance difference in the internal impact of the sex and birth order variables on the personality characteristic factor E (Submissiveness Vs. Ascendance). Here ‘f’ value is 1.03. It is not significant. Here Ho_{32} is accept.

(33) There is significance difference in the internal impact of the sex and social economic status variables on the personality characteristic factor E (Submissiveness Vs. Ascendance). Here ‘f’ value is 3.63. It is significant at 0.05. Here Ho_{33} is reject.

(34) There is no significance difference in the internal impact of the birth order and social economic status variables on the personality characteristic factor E (Submissiveness Vs. Ascendance). Here ‘f’ value is 0.11. It is not significant. Here Ho_{34} is accept.

(35) There is no significance difference in the internal impact of the sex, birth order and social economic status variables on the personality characteristic factor E (Submissiveness Vs. Ascendance). Here ‘f’ value is 1.33. It is not significant. Here Ho_{35} is accept.

(36) There is significance difference in the main impact of the sex variable on the personality characteristic factor F (Sober Vs. happy-go-lucky). Here ‘f’ value is 18.63. It is significant 0.01 level. Here Ho_{36} is reject.
(37) There is no significance difference in the main impact of the birth order variable on the personality characteristic factor F (Sober Vs. happy-go-lucky). Here ‘f’ value is 1.55. It is not significant. Here Ho_{37} is accept.

(38) There is no significance difference in the main impact of the social economic status variable on the personality characteristic factor F (Sober Vs. happy-go-lucky). Here ‘f’ value is 0.32. It is not significant. Here Ho_{38} is accept.

(39) There is no significance difference in the internal impact of the sex and birth order variables on the personality characteristic factor F (Sober Vs. happy-go-lucky). Here ‘f’ value is 0.07. It is not significant. Here Ho_{39} is accept.

(40) There is no significance difference in the internal of the sex and social economic status variables on the personality characteristic factor F (Sober Vs. happy-go-lucky). Here ‘f’ value is 0.79. It is not significant. Here Ho_{40} is accept.

(41) There is no significance difference in the internal impact of the birth order and social economic status variables on the personality characteristic factor F (Sober Vs. happy-go-lucky). Here ‘f’ value is 0.89. It is not significant. Here Ho_{41} is accept.

(42) There is no significance difference in the internal impact of the sex, birth order and social economic status variables on the personality characteristic factor F (Sober Vs. happy-go-lucky). Here ‘f’ value is 0.23. It is not significant. Here Ho_{42} is accept.

(43) There is significance difference in the main impact of the sex variable, on the personality characteristic factor G (Expedient Vs. Conscientious). Here ‘f’ value is 6.98. It is significant at 0.01 level. Here Ho_{43} is accept.

(44) There is no significance difference in the main impact of the birth order variable on the personality characteristic factor G (Expedient Vs. Conscientious). Here ‘f’ value is 0.86. It is not significant. Here Ho_{44} is accept.

(45) There is no significance difference in the main impact of the social economic status variable, on the personality characteristic factor G (Expedient Vs. Conscientious). Here ‘f’ value is 4.71. It is significant at 0.01 level. Here Ho_{45} is accept.

(46) There is no significance difference in the internal impact of the sex and birth order variables on the personality characteristic factor G (Expedient Vs. Conscientious). Here ‘f’ value is 2.79. It is not significant. Here Ho_{46} is accept.
There is no significance difference in the internal impact of the sex and social economic status variables on the personality characteristic factor G (Expedient Vs. Conscientious). Here ‘f’ value is 2.79. It is not significant. Here Ho_{47} is accept.

There is no significance difference in the internal impact of the birth order and social economic status variables on the personality characteristic factor G (Expedient Vs. Conscientious). Here ‘f’ value is 0.09. It is not significant. Here Ho_{48} is accept.

There is no significance difference in the internal impact of the sex, birth order and social economic status variables on the personality characteristic factor G (Expedient Vs. Conscientious). Here ‘f’ value is 0.18. It is not significant. Here Ho_{49} is accept.

There is no significance difference in the main impact of the sex variable on the personality characteristic factor H (shy Vs. venturesome). Here ‘f’ value is 3.85. It is significant at 0.05 level. Here Ho_{50} is reject.

There is no significance difference in the main impact of the birth order variable on the personality characteristic factor H (shy Vs. venturesome). Here ‘f’ value is 0.62. It is not significant. Here Ho_{51} is accept.

There is no significance difference in the main impact of the social economic status variable on the personality characteristic factor H (shy Vs. venturesome). Here ‘f’ value is 0.02. It is not significant. Here Ho_{52} is accept.

There is significance difference in the internal impact of the sex and birth order variables on the personality characteristic factor H (shy Vs. venturesome). Here ‘f’ value is 3.09. It is significant at 0.05 level. Here Ho_{53} is reject.

There is no significance difference in the internal impact of the sex and social economic status variables on the personality characteristic factor H (shy Vs. venturesome). Here ‘f’ value is 1.97. It is not significant. Here Ho_{54} is accept.

There is no significance difference in the internal impact of the birth order and social economic status variables on the personality characteristic factor H (shy Vs. venturesome). Here ‘f’ value is 0.39. It is not significant. Here Ho_{55} is accept.

There is no significance difference in the internal impact of the birth order and social economic status variables on the personality characteristic factor H (shy Vs. venturesome). Here ‘f’ value is 1.39. It is not significant. Here Ho_{56} is accept.
(57) There is significance difference in the main impact of the sex variable on the personality characteristic factor I (Tough minded Vs. tender minded). Here ‘f’ value is 13.39. It is significant at 0.01 level. Here Ho\textsubscript{57} is reject.

(58) There is no significance difference in the main impact of the birth order variable on the personality characteristic factor I (Tough minded Vs. tender minded). Here ‘f’ value is 0.74. It is not significant. Here Ho\textsubscript{58} is accept.

(59) There is significance difference in the main impact of the social economic status variable on the personality characteristic factor I (Tough minded Vs. tender minded). Here ‘f’ value is 3.67. It is significant at 0.05 level. Here Ho\textsubscript{59} is reject.

(60) There is no significance difference in the internal impact of the sex and birth order variables on the personality characteristic factor I (Tough minded Vs. tender minded). Here ‘f’ value is 0.55. It is not significant. Here Ho\textsubscript{60} is accept.

(61) There is no significance difference in the internal impact of the sex and social economic status variables on the personality characteristic factor I (Tough minded Vs. tender minded). Here ‘f’ value is 0.19. It is not significant. Here Ho\textsubscript{61} is accept.

(62) There is no significance difference in the internal impact of the birth order and social economic status variables on the personality characteristic factor I (Tough minded Vs. tender minded). Here ‘f’ value is 2.55. It is not significant. Here Ho\textsubscript{62} is accept.

(63) There is significance difference in the internal impact of the sex, birth order and social economic status variables on the personality characteristic factor I (Tough minded Vs. tender minded). Here ‘f’ value is 4.88. It is not significant at 0.01 level. Here Ho\textsubscript{63} is reject.

(64) There is significance difference in the main impact of the sex variable on the personality characteristic factor J (zestful Vs. reflective). Here ‘f’ value is 5.35. It is significant at 0.05 level. Here Ho\textsubscript{64} is reject.

(65) There is no significance difference in the main impact of the birth order variable on the personality characteristic factor J (zestful Vs. reflective). Here ‘f’ value is 0.63. It is not significant. Here Ho\textsubscript{65} is accept.

(66) There is significance difference in the main impact of the social economic status variable on the personality characteristic factor J (zestful Vs. reflective). Here ‘f’ value is 10.71. It is significant at 0.01 level. Here Ho\textsubscript{66} is reject.
(67) There is no significance difference in the internal of the sex and birth order variable on the personality characteristic factor J (zestful Vs. reflective). Here ‘f’ value is 0.18. It is not significant. Here Ho_{67} is accept.

(68) There is no significance difference in the internal impact of the sex and social economic status variables on the personality characteristic factor J (zestful Vs. reflective). Here ‘f’ value is 2.45. It is not significant. Here Ho_{68} is accept.

(69) There is no significance difference in the internal impact of the birth order and social economic status variables on the personality characteristic factor J (zestful Vs. reflective). Here ‘f’ value is 0.96. It is not significant. Here Ho_{69} is accept.

(70) There is no significance difference in the internal impact of the sex, birth order and social economic status variables on the personality characteristic factor J (zestful Vs. reflective). Here ‘f’ value is 0.65. It is not significant. Here Ho_{70} is accept.

(71) There is significance difference in the main impact of the sex variable on the personality characteristic factor N (forthright Vs. shrewd). Here ‘f’ value is 0.01. It is not significant. Here Ho_{71} is reject.

(72) There is no significance difference in the main impact of the birth order variable on the personality characteristic factor N (forthright Vs. shrewd). Here ‘f’ value is 0.08. It is not significant. Here Ho_{72} is accept.

(73) There is significance difference in the main impact of the social economic status variable on the personality characteristic factor N (forthright Vs. shrewd). Here ‘f’ value is 4.01. It is significant at 0.05 level. Here Ho_{73} is reject.

(74) There is no significance difference in the internal impact of the sex and birth order variables on the personality characteristic factor N (forthright Vs. shrewd). Here ‘f’ value is 1.36. It is not significant. Here Ho_{74} is accept.

(75) There is significance difference in the Internal impact of the sex and social economic status variables on the personality characteristic factor N (forthright Vs. shrewd). Here ‘f’ value is 3.33. It is significant at 0.05 level. Here Ho_{75} is reject.

(76) There is no significance difference in the internal impact of the birth order and social economic status variables on the personality characteristic factor N (forthright Vs. shrewd). Here ‘f’ value is 2.04. It is not significant. Here Ho_{76} is accept.
There is no significance difference in the internal impact of the sex, birth order and social economic status variables on the personality characteristic factor N (forthright Vs. shrewd). Here ‘f’ value is 0.16. It is not significant. Here Ho\textsubscript{77} is accept.

There is significance difference in the main impact of the sex variable on the personality characteristic factor O (placid Vs. apprehensive). Here ‘f’ value is 9.98. It is significant at 0.01 level. Here Ho\textsubscript{78} is reject.

There is no significance difference in the main impact of the birth order variable on the personality characteristic factor O (placid Vs. apprehensive). Here ‘F’ value is 1.50. It is not significant. Here Ho\textsubscript{79} is accept.

There is no significance difference in the main impact of the social economic status variable on the personality characteristic factor O (placid Vs. apprehensive). Here ‘f’ value is 2.50. It is not significant. Here Ho\textsubscript{80} is accept.

There is no significance difference in the internal impact of the sex and birth order variables on the personality characteristic factor O (placid Vs. apprehensive). Here ‘f’ value is 0.30. It is not significant. Here Ho\textsubscript{81} is accept.

There is significance difference in the internal impact of the sex and social economic status variables on the personality characteristic factor O (placid Vs. apprehensive). Here ‘f’ value is 4.61. It is significant at 0.05 level. Here Ho\textsubscript{82} is reject.

There is no significance difference in the internal impact of the birth order and social economic status variables on the personality characteristic factor O (placid Vs. apprehensive). Here ‘f’ value is 0.27. It is not significant. Here Ho\textsubscript{83} is accept.

There is significance difference in the internal impact of the sex, birth order and social economic status variables on the personality characteristic factor O (placid Vs. apprehensive). Here ‘f’ value is 0.44. It is not significant. Here Ho\textsubscript{84} is accept.

There is significance difference in the main impact of the sex variable on the personality characteristic factor Q\textsubscript{3} (undisciplined self conflict Vs. controlled). Here ‘f’ value is 13.52. It is significant at 0.01 level. Here Ho\textsubscript{85} is reject.

There is no significance difference in the main impact of the birth order variable on the personality characteristic factor Q\textsubscript{3} (undisciplined self conflict Vs. controlled). Here ‘f’ value is 1.47. It is not significant. Here Ho\textsubscript{86} is accept.
(87) There is significance difference in the main impact of the social economic status variable on the personality characteristic factor $Q_3$ (undisciplined self conflict Vs. controlled). Here ‘$f$’ value is 4.12. It is significant at 0.05 level. Here $H_{087}$ is reject.

(88) There is significance difference in the internal impact of the sex and birth order variables on the personality characteristic factor $Q_3$ (undisciplined self conflict Vs. controlled). Here ‘$f$’ value is 12.55. It is significant at 0.01 level. Here $H_{088}$ is reject.

(89) There is significance difference in the internal impact of the sex and social economic status variables on the personality characteristic factor $Q_3$ (undisciplined self conflict Vs. controlled). Here ‘$f$’ value is 7.90. It is significant at 0.01 level. Here $H_{089}$ is reject.

(90) There is no significance difference in the internal impact of the birth order and social economic status variables on the personality characteristic factor $Q_3$ (undisciplined self conflict Vs. controlled). Here ‘$f$’ value is 2.37. It is not significant. Here $H_{090}$ is accept.

(91) There is no significance difference in the internal impact of the sex, birth order and social economic status variables on the personality characteristic factor $Q_3$ (undisciplined self conflict Vs. controlled). Here ‘$f$’ value is 1.85. It is not significant. Here $H_{091}$ is accept.

(92) There is no significance difference in the main impact of the sex variable on the personality characteristic factor $Q_4$ (Relaxed Vs. tense). Here ‘$f$’ value is 2.24. It is not significant. Here $H_{092}$ is accept.

(93) There is no significance difference in the main impact of the birth order variable on the personality characteristic factor $Q_4$ (Relaxed Vs. tense). Here ‘$f$’ value is 0.71. It is not significant. Here $H_{093}$ is accept.

(94) There is significance difference in the main impact of social economic status variable on the personality characteristic factor $Q_4$ (Relaxed Vs. tense). Here ‘$f$’ value is 3.85. It is significant at 0.05 level. Here $H_{094}$ is reject.

(95) There is no significance difference in the internal impact of the sex and birth order variables on the personality characteristic factor $Q_4$ (Relaxed Vs. tense). Here ‘$f$’ value is 0.04. It is not significant. Here $H_{095}$ is accept.

(96) There is significance difference in the internal impact of the sex and social economic status variables on the personality characteristic factor $Q_4$ (Relaxed Vs. tense). Here ‘$f$’ value is 7.75. It is significant at 0.01 level. Here $H_{096}$ is reject.
(97) There is no significance difference in the internal impact of the birth order and social economic status variables on the personality characteristic factor $Q_4$ (Relaxed Vs. tense). Here ‘f’ value is 0.54. It is not significant. Here $Ho_{97}$ is accept.

(98) There is no significance difference in the internal impact of the sex, birth order and social economic status variables on the personality characteristic factor $Q_4$ (Relaxed Vs. tense). Here ‘f’ value is 0.77. It is not significant. Here $Ho_{98}$ is accept.

(99) There is no significance difference in the main impact of the sex variable on the self-esteem. Here ‘f’ value is 0.55. It is not significant. Here $Ho_{99}$ is accept.

(100) There is no significance difference in the main impact of the birth order variable on the self-esteem. Here ‘f’ value is 0.07. It is not significant. Here $Ho_{100}$ is accept.

(101) There is no significance difference in the main impact of the social economic status variable on the self-esteem. Here ‘f’ value is 21.07. It is significant at 0.01 level. Here $Ho_{101}$ is reject.

(102) There is no significance difference in the internal impact of the sex and birth order variables on the self-esteem. Here ‘f’ value is 0.15. It is not significant. Here $Ho_{102}$ is accept.

(103) There is no significance difference in the internal impact of the sex and social economic status variables on the self-esteem. Here ‘f’ value is 0.24. It is not significant. Here $Ho_{103}$ is accept.

(104) There is no significance difference in the internal impact of the birth order and social economic status variables on self-esteem. Here ‘f’ value is 2.08. It is not significant. Here $Ho_{104}$ is accept.

(105) There is no significance difference in the internal impact of the sex, birth order and social economic status variables on the self-esteem. Here ‘f’ value is 1.02. It is not significant. Here $Ho_{105}$ is accept.

(106) There is no significance difference in the main impact of the sex variable on the Academic Achievement Motivation. Here ‘f’ value is 1.66. It is not significant. Here $Ho_{106}$ is accept.

(107) There is no significance difference in the main impact of the birth order variable on the academic Achievement Motivation. Here ‘f’ value is 1.08. It is not significant. Here $Ho_{107}$ is accept.
(108) There is significance difference in the main impact of the social economic status variable on the Academic Achievement Motivation. Here ‘f’ value is 6.65. It is significant at 0.01 level. Here Ho_{108} is reject.

(109) There is no significance difference in the internal impact of the sex and birth order variables on the Academic Achievement Motivation. Here ‘f’ value is 0.50. It is not significant. Here Ho_{109} is accept.

(110) There is no significance difference in the internal impact of the sex and social economic status variables on the Academic Achievement Motivation. Here ‘f’ value is 1.45. It is not significant. Here Ho_{110} is accept.

(111) There is no significance difference in the internal impact of the birth order and social economic status variables on the Academic Achievement Motivation. Here ‘f’ value is 1.01. It is not significant. Here Ho_{111} is accept.

(112) There is no significance difference in the internal impact of the sex, birth order and social economic status variables on the Academic Achievement Motivation. Here ‘f’ value is 1.92. It is not significant. Here Ho_{112} is accept.

(113) There is 0.19 positive correlation between personality characteristic factor A (Reserved Vs. Out going) and self-esteem. It is significant at 0.01 level. Here Ho_{113} is reject.

(114) There is -0.05 negative correlation between personality characteristic factor B (Less intelligent Vs. More Intelligent) and self-esteem. It is not significant. Here Ho_{114} is accept.

(115) There is 0.33 positive correlation between personality characteristic factor C (emotionally less stable Vs. Emotionally stable) and self-esteem. it is significant at 0.01 level. Here Ho_{115} is reject.

(116) There is -0.14 negative correlation between personality characteristic factor D (Phlegmatic temperament Vs. Excitability) and self-esteem. it is significant at 0.01 level. Here Ho_{116} is reject.

(117) There is -0.04 negative correlation between personality characteristic factor E (submissiveness Vs. Ascendance) and self-esteem. it is not significant. Here Ho_{117} is accept.

(118) There is -0.007 negative correlation between personality characteristic factor F (sober Vs. happy-go-lucky) and self-esteem. it is not significant. Here Ho_{118} is accept.
(119) There is 0.17 positive correlation between personality characteristic factor G (expedient Vs. Conscientious) and self-esteem. it is significant at 0.01 level. Here \( H_{0119} \) is reject.

(120) There is 0.07 positive correlation between personality characteristic factor H (shy Vs. venturesome) and self-esteem. it is not significant. Here \( H_{0120} \) is accept.

(121) There is -0.03 negative correlation between personality characteristic factor I (Tough minded Vs. Tender minded) and self-esteem. it is not significant. Here \( H_{0121} \) is accept.

(122) There is -0.11 negative correlation between personality characteristic factor J (zestful Vs. reflective) and self-esteem. it is significant at 0.05 level. Here \( H_{0122} \) is accept.

(123) There is -0.11 negative correlation between personality characteristic factor N (forthright Vs. shrewd) and self-esteem. it is significant at 0.05 level. Here \( H_{0123} \) is accept.

(124) There is -0.18 negative correlation between personality characteristic factor O (Placid Vs. Apprehensive) and self-esteem. it is significant at 0.01 level. Here \( H_{0124} \) is reject.

(125) There is 0.11 positive correlation between personality characteristic factor Q (undisciplined self conflict Vs. controlled) and self-esteem. it is significant at 0.05 level. Here \( H_{0125} \) is reject.

(126) There is -0.13 negative correlation between personality characteristic factor Q (relaxed Vs. tense) and self-esteem. it is significant at 0.01 level. Here \( H_{0126} \) is reject.

(127) There is 0.18 positive correlation between personality characteristic factor A (reserved Vs. out going) and Academic Achievement motivation. it is significant at 0.01 level. Here \( H_{0127} \) is reject.

(128) There is 0.05 positive correlation between personality characteristic factor B (Less Intelligent Vs. More Intelligent) and Academic Achievement motivation. it is not significant. Here \( H_{0128} \) is accept.

(129) There is 0.21 positive correlation between personality characteristic factor C (emotionally less stable Vs. Emotionally stable) and Academic Achievement motivation. it is significant at 0.01 level. Here \( H_{0129} \) is reject.
(130) There is -0.22 negative correlation between personality characteristic factor D (phlegmatic temperament Vs. excitability) and Academic Achievement motivation. It is significant at 0.01 level. Here Ho130 is reject.

(131) There is -0.22 negative correlation between personality characteristic factor E (submissiveness Vs. ascendance) and Academic Achievement motivation. It is significant at 0.01 level. Here Ho131 is reject.

(132) There is 0.12 positive correlation between personality characteristic factor F (sober Vs. happy-go-lucky) and Academic Achievement motivation. It is significant at 0.05 level. Here Ho132 is reject.

(133) There is 0.26 positive correlation between personality characteristic factor G (Expedient Vs. conscientious) and Academic Achievement motivation. It is significant at 0.01 level. Here Ho133 is reject.

(134) There is 0.14 positive correlation between personality characteristic factor H (shy Vs. venturesome) and Academic Achievement motivation. It is significant at 0.01 level. Here Ho134 is reject.

(135) There is -0.15 negative correlation between personality characteristic factor I (tough minded Vs. tender minded) and Academic Achievement motivation. It is significant at 0.01 level. Here Ho135 is reject.

(136) There is -0.05 negative correlation between personality characteristic factor J (zestful Vs. Reflective) and Academic Achievement motivation. It is not significant. Here Ho136 is accept.

(137) There is -0.20 negative correlation between personality characteristic factor N (forth right Vs. shrewd) and Academic Achievement motivation. It is significant at 0.01 level. Here Ho137 is reject.

(138) There is -0.09 negative correlation between personality characteristic factor O (placid Vs. apprehensive) and Academic Achievement motivation. It is significant at 0.05 level. Here Ho138 is reject.

(139) There is 0.26 positive correlation between personality characteristic factor Q3 (undisciplined self conflict Vs. controlled) and Academic Achievement motivation. It is significant at 0.01 level. Here Ho139 is reject.

(140) There is -0.24 negative correlation between personality characteristic factor Q4 (Relaxed Vs. Tense) and Academic Achievement motivation. It is significant at 0.01 level. Here Ho140 is reject.

(141) There is 0.18 positive correlation between self esteem and academic achievement motivation. It is significant at 0.01 level. Here Ho141 is reject.
5.4 Suggestions

To solve the problems and to direct the research of posterity in the same direction following suggestions are asserted

- A similar study can be done on Private and Government School students also.
- A study of I. Q., problem solving ability, self esteem and academic achievement of school student can be also done.
- A comparative study of personality academic achievement and self-esteem of students of CBSC Board and Gujarat Board can be also done.
- A similar Research can be done on sample taken from other states of India and results can be compared with those of the present Research.
- Endeavor can be executed to analyze more than 480 data of sample with efficacy to Attain Better Results.
- Venture upon student speaking other than Gujarat Language as mother tongue can be assiduously terminated.
- For the Accumulation of information, variegated methods except questionnaires can be Adopted.
- to crown the edifice of the Research work, other method of selecting sample can be Appropriated.
- Attempt should be made to find out personality, self-esteem and Academic Achievement motivation of tribal, non-tribal and other casts like schedule casts and other Backward class of Gujarat.
- Development of personality is a result of long term process which starts from the beginning of life. A longitudinal study will be more Appropriate to enhance the knowledge regarding personality development.
- Children’s personality, self-esteem and academic achievement motivation were studied in the present research, other variables like level of inspiration, learning style; etc. can be taken as a dependent variable.

5.5 Limitations

In any social science Research, the external validity of the Results of the study is limited by many constrains related to the sample selection, research design, Reliability and validity of the tools under the study and number of variables feasible to research at a time. Thus the researcher has been able to sort out the following limitation in the present research.

- The study was limited to some students who were available at their school.
The study was carried out in the same cities of Gujarat.

The present study includes 480 samples so generalization of the Result might be unfit here.

only a student speaking Gujarati and English are studied so no other student speaking in different language would be affected here.

No other method except questionnaires had been adopted in the present research work for the collection of information.

In sample selection for this Research simple random sample method was followed.

The present Research is only a part of the study thus generalization should not be consummated.

The Result deducted from the other Research might not have the similarity with the result of the present research.

The finding made in the study may be biased by the incorrect information given by participants.

5.6 Some suggestions for the class room teacher and parents

• Observe class room and home environment.
• Create stories that will become a part of the fabric of year classroom and home.
• Give choice encourage connection.
• emphasize emotional meaning / model the importance of emotions.
• Create an active and co-operative atmosphere.
• Make time each day for Journaling and reflecting.
• reframe mistake.
• Celebrate feelings.
• Take children’s aspirations seriously.
• Consciously model and teach EQ skills.

5.7 Problems of date collection and research

There are several problems faced by research some of the mare as following.

• Irrelevant data collected.
• pertinent data omitted.
• Erroneous and misinterpreted data collection.
• Poor documentation from sample.
• Conflicting data.
• Lack of equipment.
• Insufficient Interaction.
• Lack of confidence and awareness in participants.
• Lack code of conduct in research in participant.
• Inadequate assistance.
• Improper library management.
• Lake of availability or access to literature.

5.8 Chapter Summary

In this chapter research abstract, conclusions, suggestions, limitations, problems of data collection and research were described.