
A Study of Behavioural Indicators of Adolescents of Karnal District Studying At Secondary Level

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ABSTRACT:

The present study titled "A study of Behavioural Indicators of adolescents of Karnal district studying at secondary level" is a descriptive study conducted by using survey method of research. From the selected 10 rural and urban secondary schools of Karnal 500 secondary students studying in 9th class have been selected by random sampling technique. The Behavioural Indicators Questionnaire has been used to collect data in the present study. Collected data was analysed with the help of spss-17. On the basis of data analysis results were concluded as: 1. Result indicates that both the rural and urban adolescent have similar opinion on achievement oriented behaviour. Thus both the rural and urban adolescents' studying in secondary schools of Karnal are achievement oriented. 2. The result indicates that the rural and urban adolescent have not similar opinion on Adaptable/ Flexible behaviour. Thus the urban adolescents' studying in secondary schools of Karnal has better flexible/adoptable than rural adolescent. 3. Urban adolescents' studying in secondary schools of Karnal has better Ambitious than rural adolescent. 4. Urban adolescents' studying in secondary schools of Karnal has better Analytical behaviour than rural adolescent. 5. The result indicates that the rural and urban adolescent have not similar opinion on Calm behaviour. Thus the urban adolescents' studying in secondary schools of Karnal has better Calm behaviour than rural counterpart. 6. The result indicates that the rural and urban adolescent have similar opinion on Conventional thinker behaviour. Thus both the rural and urban adolescents' studying in secondary schools of Karnal has similar Conventional thinking behaviour. 7. Both the rural and urban adolescents' studying in secondary schools of Karnal has similar Cooperative behaviour. 8. Urban adolescents' studying in secondary schools of Karnal has better Delegate minded behaviour than their counterpart. 9. Both the rural and urban adolescents' studying in secondary schools of Karnal has similar Dependable behaviour. 10. Both the rural and urban adolescents' studying in secondary schools of Karnal has similar Detail oriented behaviour. 11. Both the rural and urban adolescents' studying in secondary schools of Karnal has similar Diplomatic behaviour. 12. Urban adolescents' studying in secondary schools of Karnal has better direct behaviour than their counterpart. 13. Urban adolescents' studying in secondary schools of Karnal has better Extrovert behaviour than their counterpart. 14. Urban adolescents' studying in secondary schools of Karnal has better Fast paced/ high energy behaviour than their counterpart. 15. Both urban and rural adolescents' studying in secondary schools of Karnal shows similar Independent behaviour.

KEY WORDS: Behavioural Indicators, Adolescent, Secondary school

INTRODUCTION:

Each society has accepted ways of life which are known as norms. The way one conforms to, or deviates from, these norms will form good or bad behaviour. In African communities, greeting is one sign of good manners. Even a stranger must be greeted. Someone who passes another without a greeting has bad manners. Other things regarded as part of good behaviour include: not talking while eating, respecting others, respecting property, taking responsibility for the old, etc. In a school, there are rules which govern everyday operations, and all school members have to adhere to them. Any member who deviates from these rules has misbehaved, and is usually reprimanded or punished. Such a member also qualifies as having a behaviour problem. Much behaviour may be considered normal, abnormal, or disordered. The difference between normal and disordered behaviour is usually of degree rather than kind. No sharp line can be drawn between them. A non-disturbed boy or girl does everything that a disturbed boy or girl does. The difference is that they do these things at different times and under different conditions, at different rates or in different degrees. For example, crying, fighting, screaming, urinating, shouting, are all behaviour indulged in by non-disturbed boys and girls. These are also indulged in by disordered or disturbed boys and girls, but to different degrees. The behaviour of a non-disturbed boy or girl is usually regarded as reasonable and acceptable by the community. However, that of a disordered boy/girl goes beyond what is considered normal, and is regarded as abnormal and unacceptable.

Above description and background of the study on behavioral indicators indicates that behavioural has many contributors and factors like family and culture, physical, social and school environment and it has deep relationship with self concept of students. Very little study has been conducted focusing the self concept and behaviour of adolescents' in India especially in Haryana and Karnal. This study explores the positive and negative contributors of behaviours and its relationship. Keeping this in mind researcher has planned to conduct the study using this variable on adolescent of karnal study in secondary schools.

OBJECTIVES OF THE STUDY:

Following objective has been framed to achieve the objective of the study. 1. To study the behaviours of adolescents' studying in rural and urban secondary schools of Karnal

Hypotheses of the study: The descriptions of hypotheses on the basis of objectives are as under: The behaviour patterns of rural adolescents' studying in secondary schools of Karnal District will be different than urban adolescents'.

RESEARCH METHODOLOGY AND DESIGN:**Method of the Study**

The present study belonged to the category of descriptive field survey type of research.

Population of the Study

The population of the study comprised of all the secondary students studying in Haryana board secondary schools of Karnal District.

Sample and sampling procedure: From the selected 10 rural and urban secondary schools of Karnal 500 secondary students studying in 9th class have been selected by random sampling technique.

Tools used: For the present study Behavioural Traits/Indicators was used:

DATA ANALYSIS, DESCRIPTION AND RESULTS:

Objective: To study the behaviours of adolescents’ studying in rural and urban secondary schools of Karnal

Hypothesis: The behaviour pattern of adolescents’ studying in secondary schools of Karnal District with respect to types of schools and study area will be different.

To test statistically above hypothesis has been converted in to null hypothesis

H01: There is no significant difference in the behaviours of adolescents’ studying in rural and urban secondary schools of Karnal.

The objective of the study was to study the behaviours of rural and urban adolescents’ studying in secondary schools of Karnal. Descriptive analysis (frequency count & percentage (%)) and inferential analysis were computed and the results of analysis were shown in the Table 1.

Table : showing behavioural indicators of rural and urban adolescents’ studying in secondary schools of Karnal

S. No	Behaviour Indicators	Statement	Answer in %						Value of Chi-square
			Rural			Urban			
			Yes	No	Can't say	Yes	No	Can't say	
1.	Achievement oriented	You constantly strive to accomplish goals and objectives	38	32	30	42	37	21	2.151
2.	Adaptable/ Flexible	You can easily adjust to new routines, systems, situations, procedures	23	42	55	45	23	32	17.075**
3.	Ambitious	You are dedicated to climbing the corporate ladder	62	20	18	73	18	09	4.002*
4.	Analytical	You use facts, data and logic when making decisions	34	47	19	47	23	30	12.784**
5.	Calm	You are able to maintain composure during stressful times or in emergency situations	68	14	18	70	22	08	5.653*
6.	Conventional thinker	You usually follow traditional, standard methods of behaviour	59	19	22	65	16	19	0.767

		and beliefs							
7.	Cooperative	You are willing to work with and help others whenever possible or necessary	56	14	30	49	14	37	1.198
8.	Delegate	You are willing and	78	15	07	64	17	19	7.044*
9.	Dependable	You can always be counted on to get the work done	39	31	30	44	22	34	2.08
10.	Detail oriented	You can easily spot minute details in written materials, pictures, graphics, etc.	35	46	19	39	41	20	0.655
11.	Diplomatic	You are skilled at dealing with sensitive matters without offending others	23	57	20	32	48	20	2.244
12.	Direct	You are capable of dealing honestly and openly with others, regardless of the subject matter	38	34	28	41	48	11	9.914* *
13.	Extrovert	You are outgoing, sociable and prefer to work with people	36	42	22	46	49	05	12.462 **
14.	Fast paced/ high energy	You prefer to work quickly and at a high level of energy	41	37	22	56	35	09	7.827* *
15.	Independent	You prefer working alone, following your own lead and setting your own direction	35	38	27	39	37	24	0.406
16.	Innovative	You are skilled at creating new products, services or ways of doing things	45	35	20	55	31	15	1.952
17.	Introvert	You are reserved, shy and prefer to work by yourself.	58	29	13	45	38	17	3.383
18.	Intuitive	You have a strong internal sense of what's right without relying on facts or data.	26	46	28	39	29	32	6.72**
19.	Leader	You are willing and capable of taking charge	21	49	30	39	27	34	12.018 **

		and leading others.							
20.	Moralistic	You prefer to follow conventional, traditional beliefs that are accepted by most people.	35	34	41	32	27	41	0.462
21	People oriented	You are sensitive and responsive to the needs of others.	34	21	45	25	35	40	5.167*
22.	Persuasive	You can easily persuade other people to agree with your line of thinking.	23	34	43	29	33	38	1.016
23.	Open minded	You are willing to consider ideas, beliefs and practices different from your own.	32	17	51	13	32	55	12.765**
24.	Persistent	You rarely give up until you've Succeeded at your work.	14	34	50	22	18	60	7.591* *
25.	Proactive	You instinctively anticipate what might or should happen and usually act earlier than others.	19	46	37	28	53	19	7.985* *
26.	Reactive	You prefer to wait until things happen before you decide how to react.	21	53	26	31	44	25	2.778
27.	Risk taker	You are willing to take chances even when the odds are against you.	22	34	44	17	31	48	0.872
28.	Routine oriented	You prefer work that rarely ever changes.	17	48	35	23	45	32	1.131
29.	Stress tolerant	You are capable of handling stressful situations without it affecting you negatively.	26	59	15	32	39	29	9.157* *
30.	Team player	You are willing and capable of working with a group of others to reach a common goal.	27	38	35	30	47	23	3.594

*Significant at .05 =3.841

** Significant at .01 = 6.635

For comparing and analysis of the of **rural and urban** adolescents' studying in secondary schools of Karnal, thirty statement on thirty behaviour indicators were asked to adolescents' studying in secondary schools of Karnal regarding their view/opinion. Description and analysis of each statement based on their behaviour indicators are as follows.

❖ **You constantly strive to accomplish goals and objectives:**

Achievement oriented behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You constantly strive to accomplish goals and objectives?" Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You constantly strive to accomplish goals and objectives, 38% rural adolescents' studying in secondary schools of Karnal answered yes and 32% rural area adolescents' answered answer is no and 30% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 42% rural adolescents' studying in secondary schools of Karnal answered yes and 37% rural area adolescents' answered answer is no and 21% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were 2.151 which indicates that both the rural and urban adolescent have similar opinion on achievement oriented behaviour. *Thus* both the rural and urban adolescents' studying in secondary schools of Karnal are achievement oriented.

❖ **You can easily adjust to new routines, systems, situations, procedures and people.**

Adaptable/ Flexible behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You can easily adjust to new routines, systems, situations, procedures and people?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You can easily adjust to new routines, systems, situations, procedures and people, 23% rural adolescents' studying in secondary schools of Karnal answered yes and 42% rural area adolescents' answered answer is no and 55% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 45% rural adolescents' studying in secondary schools of Karnal answered yes and 23% rural area adolescents' answered answer is no and 32% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were **17.075****. This value is greater than the critical value. This indicates that the rural and urban adolescent have not similar opinion on Adaptable/ Flexible behaviour. *Thus* the urban adolescents' studying in secondary schools of Karnal has better flexible/adoptable than rural adolescent.

❖ **You are dedicated to climbing the corporate ladder:**

Ambitious behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You are dedicated to climbing the corporate ladder?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You are dedicated to climbing the corporate ladder, 62% rural adolescents' studying in secondary schools of Karnal answered yes and 20% rural area adolescents' answered answer is no and 18% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 73% rural adolescents' studying in secondary schools of Karnal answered yes and 18% rural area adolescents' answered answer is no and 9% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were 4.002*. This value is greater than the critical value. This indicates that the rural and urban adolescent have not similar opinion on Ambitious behaviour. *Thus* the urban adolescents' studying in secondary schools of Karnal has better Ambitious than rural adolescent.

❖ **You use facts, data and logic when making decisions:**

Analytical behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You use facts, data and logic when making decisions?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You use facts, data and logic when making decisions, 34% rural adolescents' studying in secondary schools of Karnal answered yes and 47% rural area adolescents' answered answer is no and 19% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 47% rural adolescents' studying in secondary schools of Karnal answered yes and 23% rural area adolescents' answered answer is no and 30% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were 12.784**. This value is greater than the critical value. This indicates that the rural and urban adolescent have not similar opinion on **Analytical** behaviour. *Thus* the urban adolescents' studying in secondary schools of Karnal has better **Analytical behaviour** than rural adolescent.

❖ **You are able to maintain composure during stressful times or in emergency situations:**

Calm behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You are able to maintain composure during stressful times or in emergency situations?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You are able to maintain composure during stressful times or in emergency situations, 68% rural adolescents' studying in secondary schools of Karnal answered yes and 14% rural area adolescents' answered answer is no and 18% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 70% rural adolescents' studying in secondary schools of Karnal answered yes and 23% rural area adolescents' answered answer is no and 8% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were 5.653*. This value is greater than the critical value. This indicates that the rural and urban adolescent have not similar opinion on Calm behaviour. *Thus* the urban adolescents' studying in secondary schools of Karnal has better Calm **behaviour** than rural counterpart..

❖ **You usually follow traditional, standard methods of behaviour and beliefs:**

Conventional thinker behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You usually follow traditional, standard methods of behaviour and beliefs?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You usually follow traditional, standard methods of behaviour and beliefs, 59% rural adolescents' studying in secondary schools of Karnal answered yes and 19% rural area adolescents' answered answer is no and 22% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 65% rural adolescents' studying in secondary schools of Karnal answered yes and 16% rural area adolescents' answered answer is no and 19% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were 0.767. This value is less than the critical value. This indicates that the rural and urban adolescent have similar opinion on Conventional thinker behaviour. *Thus* both the rural and urban adolescents' studying in secondary schools of Karnal has similar Conventional thinking behaviour.

❖ **You are willing to work with and help others whenever possible or necessary:**

Cooperative behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You are willing to work with and help others whenever possible or necessary?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You are willing to work with and help others whenever possible or necessary, 56% rural adolescents' studying in secondary schools of Karnal answered yes and 14% rural area adolescents' answered answer is no and 30% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 49% rural adolescents' studying in secondary schools of Karnal answered yes and 14% rural area adolescents' answered answer is no and 37% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were 1.198. This value is less than the critical value. This indicates that the rural and urban adolescent have similar opinion on **Cooperative** behaviour. *Thus* both the rural and urban adolescents' studying in secondary schools of Karnal has similar **Cooperative behaviour**.

❖ **You are willing and capable of assigning:**

Delegate minded behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You are willing and capable of assigning?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You are willing and capable of assigning, 78% rural adolescents' studying in secondary schools of Karnal answered yes and 15% rural area adolescents' answered answer is no and 7% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 64% rural adolescents' studying in secondary schools of Karnal answered yes and 17% rural area adolescents' answered answer is no and 19% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were **7.044****. This value is less than the critical value. This indicates that the rural and urban adolescent have similar opinion on **Delegate minded** behaviour. *Thus* the urban adolescents'

studying in secondary schools of Karnal has better **Delegate minded behaviour than their counterpart.**

❖ **You can always be counted on to get the work done:**

Dependable behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You can always be counted on to get the work done?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You can always be counted on to get the work done, 39% rural adolescents' studying in secondary schools of Karnal answered yes and 31% rural area adolescents' answered answer is no and 30% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 44% rural adolescents' studying in secondary schools of Karnal answered yes and 22% rural area adolescents' answered answer is no and 34% answered they cannot say. When these data was analysed with the help of non parametric statistics chi square test, the value chi square were 2.08. This value is less than the critical value on **Dependable** behaviour. *Thus* both the rural and urban adolescents' studying in secondary schools of Karnal has similar **Dependable behaviour.**

❖ **You can easily spot minute details in written materials, pictures, graphics, etc.:**

Detail oriented behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You can easily spot minute details in written materials, pictures, graphics, etc.?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You can easily spot minute details in written materials, pictures, graphics, etc., 35% rural adolescents' studying in secondary schools of Karnal answered yes and 46% rural area adolescents' answered answer is no and 19% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 39% rural adolescents' studying in secondary schools of Karnal answered yes and 41% rural area adolescents' answered answer is no and 20% answered they cannot say. When these data was analysed with the help of non parametric statistics chi square test, the value chi square were 0.655. This value is less than the critical value on **Detail oriented** behaviour. *Thus* both the rural and urban adolescents' studying in secondary schools of Karnal has similar **Detail oriented behaviour.**

❖ **You are skilled at dealing with sensitive matters without offending others:**

Diplomatic behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You are skilled at dealing with sensitive matters without offending others?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You are skilled at dealing with sensitive matters without offending others, 23% rural adolescents' studying in secondary schools of Karnal answered yes and 57% rural area adolescents' answered answer is no and 20% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 32% rural adolescents' studying in secondary schools of Karnal answered yes and 48% rural area

adolescents' answered answer is no and 20% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were 2.244. This value is less than the critical value on **Diplomatic** behaviour. *Thus* both the rural and urban adolescents' studying in secondary schools of Karnal has similar **Diplomatic behaviour**.

❖ **You are capable of dealing honestly and openly with others, regardless of the subject matter:**

Direct behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You are capable of dealing honestly and openly with others, regardless of the subject matter?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You are capable of dealing honestly and openly with others, regardless of the subject matter, 38% rural adolescents' studying in secondary schools of Karnal answered yes and 34% rural area adolescents' answered answer is no and 28% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 41% rural adolescents' studying in secondary schools of Karnal answered yes and 48% rural area adolescents' answered answer is no and 11% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were **9.914****. This value is greater than the critical value on **direct** behaviour. *Thus* urban adolescents' studying in secondary schools of Karnal has better **direct behaviour than their counterpart**.

❖ **You are outgoing, sociable and prefer to work with people:**

Extrovert behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You are outgoing, sociable and prefer to work with people?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You are outgoing, sociable and prefer to work with people, 36% rural adolescents' studying in secondary schools of Karnal answered yes and 42% rural area adolescents' answered answer is no and 22% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 46% rural adolescents' studying in secondary schools of Karnal answered yes and 49% rural area adolescents' answered answer is no and 5% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were **12.462****. This value is greater than the critical value on **Extrovert** behaviour. *Thus* urban adolescents' studying in secondary schools of Karnal has better **Extrovert behaviour than their counterpart**.

❖ **You prefer to work quickly and at a high level of energy:**

Fast paced/ high energy behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You prefer to work quickly and at a high level of energy?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You prefer to work quickly and at a high level of energy, 41% rural adolescents' studying in secondary schools of Karnal answered yes and 37% rural area adolescents' answered answer is no and 22% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 56% rural adolescents' studying in secondary schools of Karnal answered yes and 35% rural area adolescents' answered answer is no and 9% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were **7.827****. This value is greater than the critical value on **Fast paced/ high energy** behaviour. *Thus* urban adolescents' studying in secondary schools of Karnal has better **Fast paced/ high energy behaviour than their counterpart**.

❖ **You prefer to work quickly and at a high level of energy:**

Independent behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You prefer working alone, following your own lead and setting your own direction?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You prefer working alone, following your own lead and setting your own direction, 35% rural adolescents' studying in secondary schools of Karnal answered yes and 38% rural area adolescents' answered answer is no and 27% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 39% rural adolescents' studying in secondary schools of Karnal answered yes and 37% rural area adolescents' answered answer is no and 24% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were 0.406. This value is less than the critical value on **Independent** behaviour. *Thus* both urban and rural adolescents' studying in secondary schools of Karnal shows similar **Independent behaviour**.

You are skilled at creating new products, services or ways of doing things:

Innovative behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You are skilled at creating new products, services or ways of doing things?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You are skilled at creating new products, services or ways of doing things, 45% rural adolescents' studying in secondary schools of Karnal answered yes and 35% rural area adolescents' answered answer is no and 20% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 55% rural adolescents' studying in secondary schools of Karnal answered yes and 31% rural area adolescents' answered answer is no and 15% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were 1.952. This value is less than the critical value on **Innovative** behaviour. *Thus* both urban and rural adolescents' studying in secondary schools of Karnal shows similar **Innovative behaviour**.

You are reserved, shy and prefer to work by yourself s:

Introvert behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You are reserved, shy and prefer to work by yourself?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You are reserved, shy and prefer to work by yourself, 58% rural adolescents' studying in secondary schools of Karnal answered yes and 29% rural area adolescents' answered answer is no and 13% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 45% rural adolescents' studying in secondary schools of Karnal answered yes and 38% rural area adolescents' answered answer is no and 17% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were 3.383. This value is less than the critical value on **Introvert** behaviour. *Thus* both urban and rural adolescents' studying in secondary schools of Karnal shows similar **Introvert behaviour**.

You have a strong internal sense of what's right without relying on facts or data.:

Intuitive behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You have a strong internal sense of what's right without relying on facts or data?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You have a strong internal sense of what's right without relying on facts or data., 26% rural adolescents' studying in secondary schools of Karnal answered yes and 46% rural area adolescents' answered answer is no and 28% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 39% rural adolescents' studying in secondary schools of Karnal answered yes and 29% rural area adolescents' answered answer is no and 32% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were 6.72*. This value is greater than the critical value on **Intuitive** behaviour. *Thus* urban adolescents' studying in secondary schools of Karnal has better **Fast Intuitive behaviour than their counterpart**. Same is depicted in the Fig. 18.

❖ You are willing and capable of taking charge and leading others:

Leader behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You are willing and capable of taking charge and leading others?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You are willing and capable of taking charge and leading others, 21% rural adolescents' studying in secondary schools of Karnal answered yes and 49% rural area adolescents' answered answer is no and 30% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 39% rural adolescents' studying in secondary schools of Karnal answered yes and 27% rural area adolescents' answered answer is no and 34% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were 12.018**. This value is greater than the critical value on **Leader** behaviour. *Thus* urban adolescents' studying in secondary schools of Karnal has better **Leader behaviour than their counterpart**.

❖ **You prefer to follow conventional, traditional beliefs that are accepted by most people:**

Moralistic behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You prefer to follow conventional, traditional beliefs that are accepted by most people?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You prefer to follow conventional, traditional beliefs that are accepted by most people, 35% rural adolescents' studying in secondary schools of Karnal answered yes and 34% rural area adolescents' answered answer is no and 41% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 32% rural adolescents' studying in secondary schools of Karnal answered yes and 27% rural area adolescents' answered answer is no and 41% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were 0.462. This value is less than the critical value on **Moralistic** behaviour. *Thus* both urban and rural adolescents' studying in secondary schools of Karnal shows similar **Moralistic behaviour**.

You are sensitive and responsive to the needs of others.:

People oriented behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You are sensitive and responsive to the needs of others?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You are sensitive and responsive to the needs of others, 34% rural adolescents' studying in secondary schools of Karnal answered yes and 21% rural area adolescents' answered answer is no and 45% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 25% rural adolescents' studying in secondary schools of Karnal answered yes and 35% rural area adolescents' answered answer is no and 40% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were 5.167*. This value is greater than the critical value on **People oriented** behaviour. *Thus* urban adolescents' studying in secondary schools of Karnal has better **People oriented behaviour than their counterpart**. Same is depicted in the Fig. 4.21.

❖ **You can easily persuade other people to agree with your line of thinking:**

Persuasive behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You can easily persuade other people to agree with your line of thinking?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You can easily persuade other people to agree with your line of thinking, 23% rural adolescents' studying in secondary schools of Karnal answered yes and 34% rural area adolescents' answered answer is no and 43% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 29% rural adolescents' studying in secondary schools of Karnal answered yes and 33% rural area adolescents' answered answer is no and 38% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were

1.016. This value is less than the critical value on **Persuasive** behaviour. *Thus* both urban and rural adolescents' studying in secondary schools of Karnal shows similar **Persuasive behaviour**. Same is depicted in the Fig. 4.22.

❖ **You are willing to consider ideas, beliefs and practices different from your own:**

Open minded behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You are willing to consider ideas, beliefs and practices different from your own?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You are willing to consider ideas, beliefs and practices different from your own., 32% rural adolescents' studying in secondary schools of Karnal answered yes and 17% rural area adolescents' answered answer is no and 51% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal,13% rural adolescents' studying in secondary schools of Karnal answered yes and 32% rural area adolescents' answered answer is no and 55% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were 12.765**. This value is greater than the critical value on **Open minded** behaviour. *Thus* urban adolescents' studying in secondary schools of Karnal has better **Open minded behaviour than their counterpart**.

You rarely give up until you've Succeeded at your work.:

Persistent behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You rarely give up until you've Succeeded at your work.?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You rarely give up until you've Succeeded at your work, 14% rural adolescents' studying in secondary schools of Karnal answered yes and 34% rural area adolescents' answered answer is no and 50% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal,22% rural adolescents' studying in secondary schools of Karnal answered yes and 18% rural area adolescents' answered answer is no and 60% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were 7.591**. This value is greater than the critical value on **Persistent** behaviour. *Thus* urban adolescents' studying in secondary schools of Karnal has better **Persistent behaviour than their counterpart**.

❖ **You instinctively anticipate what might or should happen and usually act earlier than others:**

Proactive behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You instinctively anticipate what might or should happen and usually act earlier than others?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You instinctively anticipate what might or should happen and usually act

earlier than others, 19% rural adolescents' studying in secondary schools of Karnal answered yes and 46% rural area adolescents' answered answer is no and 37% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 28% rural adolescents' studying in secondary schools of Karnal answered yes and 53% rural area adolescents' answered answer is no and 19% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were 7.985**. This value is greater than the critical value on **Proactive** behaviour. *Thus* urban adolescents' studying in secondary schools of Karnal has better **Proactive behaviour than their counterpart**. Same is depicted in the Fig. 4.25.

❖ **You prefer to wait until things happen before you decide how to react:**

Reactive behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You prefer to wait until things happen before you decide how to react?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You prefer to wait until things happen before you decide how to react., 21% rural adolescents' studying in secondary schools of Karnal answered yes and 53% rural area adolescents' answered answer is no and 26% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 31% rural adolescents' studying in secondary schools of Karnal answered yes and 44% rural area adolescents' answered answer is no and 25% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were 2.778. This value is less than the critical value on **Reactive** behaviour. *Thus* both urban and rural adolescents' studying in secondary schools of Karnal shows similar **Reactive behaviour**.

❖ **You are willing to take chances even when the odds are against you:**

Risk taker behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You are willing to take chances even when the odds are against you.?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You are willing to take chances even when the odds are against you, 22% rural adolescents' studying in secondary schools of Karnal answered yes and 34% rural area adolescents' answered answer is no and 44% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 17% rural adolescents' studying in secondary schools of Karnal answered yes and 31% rural area adolescents' answered answer is no and 48% answered they cannot say. When these data was analyses with the help of non parametric statistics chi square test, the value chi square were 0.872. This value is less than the critical value on **Risk taker** behaviour. *Thus* both urban and rural adolescents' studying in secondary schools of Karnal shows similar **Risk taker behaviour**.

❖ **You prefer work that rarely ever changes:**

Routine oriented behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You prefer work that rarely ever changes?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You prefer work that rarely ever changes, 17% rural adolescents' studying in

secondary schools of Karnal answered yes and 48% rural area adolescents' answered answer is no and 35% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 23% rural adolescents' studying in secondary schools of Karnal answered yes and 45% rural area adolescents' answered answer is no and 32% answered they cannot say. When these data was analysed with the help of non parametric statistics chi square test, the value chi square were 1.131. This value is less than the critical value on **Routine oriented** behaviour. *Thus* both urban and rural adolescents' studying in secondary schools of Karnal shows similar **Routine oriented behaviour**.

❖ **You are capable of handling stressful situations without it affecting you negatively:**

Stress tolerant behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You are capable of handling stressful situations without it affecting you negatively?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You are capable of handling stressful situations without it affecting you negatively, 26% rural adolescents' studying in secondary schools of Karnal answered yes and 59% rural area adolescents' answered answer is no and 15% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 32% rural adolescents' studying in secondary schools of Karnal answered yes and 39% rural area adolescents' answered answer is no and 29% answered they cannot say. When these data was analysed with the help of non parametric statistics chi square test, the value chi square were 9.157**. This value is greater than the critical value on **Stress tolerant** behaviour. *Thus* urban adolescents' studying in secondary schools of Karnal has better **Stress tolerant behaviour than their counterpart**. Same is depicted in the Fig. 4.29.

❖ **You are willing and capable of working with a group of others to reach a common goal:**

Team player behaviour of the rural and urban adolescents' studying in secondary schools of Karnal on the statement "You are willing and capable of working with a group of others to reach a common goal?"

Observation of the table 1 showed that when adolescents' studying in secondary schools of Karnal were asked "You are willing and capable of working with a group of others to reach a common goal., 27% rural adolescents' studying in secondary schools of Karnal answered yes and 38% rural area adolescents' answered answer is no and 35% answered they cannot say.

When same was asked to urban area adolescents' studying in secondary schools of Karnal, 30% rural adolescents' studying in secondary schools of Karnal answered yes and 47% rural area adolescents' answered answer is no and 23% answered they cannot say. When these data was analysed with the help of non parametric statistics chi square test, the value chi square were 3.594. This value is less than the critical value on Team player behaviour. *Thus* both urban and rural adolescents' studying in secondary schools of Karnal shows similar Team player behaviour.

FINDING OF THE STUDY:

1. Behaviours of rural and urban adolescents' studying in secondary schools of Karnal

The objective of the study was to study the behaviours of rural and urban adolescents' studying in secondary schools of Karnal. Descriptive analysis (frequency count & percentage (%)) and inferential analysis Chi squares were computed and the results of analysis on all the thirty statements are as follows.

- i. Result indicates that both the rural and urban adolescent have similar opinion on achievement oriented behaviour. *Thus* both the rural and urban adolescents' studying in secondary schools of Karnal are achievement oriented
- ii. The result indicates that the rural and urban adolescent have not similar opinion on Adaptable/ Flexible behaviour. *Thus* the urban adolescents' studying in secondary schools of Karnal has better flexible/adoptable than rural adolescent
- iii. Urban adolescents' studying in secondary schools of Karnal has better Ambitious than rural adolescent.
- iv. Urban adolescents' studying in secondary schools of Karnal has better Analytical behaviour than rural adolescent
- v. The result indicates that the rural and urban adolescent have not similar opinion on Calm behaviour. *Thus* the urban adolescents' studying in secondary schools of Karnal has better Calm behaviour than rural counterpart
- vi. The result indicates that the rural and urban adolescent have similar opinion on Conventional thinker behaviour. *Thus* both the rural and urban adolescents' studying in secondary schools of Karnal has similar Conventional thinking behaviour
- vii. Both the rural and urban adolescents' studying in secondary schools of Karnal has similar Cooperative behaviour.
- viii. Urban adolescents' studying in secondary schools of Karnal has better Delegate minded behaviour than their counterpart
- ix. Both the rural and urban adolescents' studying in secondary schools of Karnal has similar Dependable behaviour
- x. Both the rural and urban adolescents' studying in secondary schools of Karnal has similar Detail oriented behaviour.
- xi. Both the rural and urban adolescents' studying in secondary schools of Karnal has similar Diplomatic behaviour
- xii. Urban adolescents' studying in secondary schools of Karnal has better direct behaviour than their counterpart
- xiii. Urban adolescents' studying in secondary schools of Karnal has better Extrovert behaviour than their counterpart
- xiv. Urban adolescents' studying in secondary schools of Karnal has better Fast paced/ high energy behaviour than their counterpart
- xv. Both urban and rural adolescents' studying in secondary schools of Karnal shows similar Independent behaviour
- xvi. Both urban and rural adolescents' studying in secondary schools of Karnal shows similar Innovative behaviour

- xvii. Both urban and rural adolescents' studying in secondary schools of Karnal shows similar Introvert behaviour
- xviii. Urban adolescents' studying in secondary schools of Karnal has better Fast Intuitive behaviour than their counterpart
- xix. Urban adolescents' studying in secondary schools of Karnal has better Leader behaviour than their counterpart
- xx. Both urban and rural adolescents' studying in secondary schools of Karnal shows similar Moralistic behaviour
- xxi. Both urban and rural adolescents' studying in secondary schools of Karnal shows similar Persuasive behaviour
- xxii. Urban adolescents' studying in secondary schools of Karnal has better Open minded behaviour than their counterpart
- xxiii. Urban adolescents' studying in secondary schools of Karnal has better Persistent behaviour than their counterpart
- xxiv. Urban adolescents' studying in secondary schools of Karnal has better Proactive behaviour than their counterpart
- xxv. Urban and rural adolescents' studying in secondary schools of Karnal shows similar Reactive behaviour
- xxvi. Both urban and rural adolescents' studying in secondary schools of Karnal shows similar Risk taker behaviour
- xxvii. Both urban and rural adolescents' studying in secondary schools of Karnal shows similar Routine oriented behaviour
- xxviii. Urban adolescents' studying in secondary schools of Karnal has better Stress tolerant behaviour than their counterpart
- xxix. Both urban and rural adolescents' studying in secondary schools of Karnal shows similar Team player behaviour

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