

# Female students are more likely to get higher grades than male students

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**Abstract-** Education is an essential requirement and it must be fulfilled for every individual. The requirement has been declared as the basic human rights along with the food and shelter by the United Nation Organization as well. Apart from that, the education reflects the personality of a person, so as the grades as well. The grades mirror the person's behavior and its attitude towards its academics irrespective of whatever educational background the person possesses. People say that girls are always smarter than boys. Therefore, in this research paper I'm going to prove that female students do tend to get higher grades than male students do. Female students tend to care more about studies and they work harder than male students do. Boys are more interested in technology than girls since they are always on the computers exploring and video gaming and they rely on technology more than girls do. There definitely are solutions that could make both genders on the same academic level such as including more technology in studying and including more practical work in academics.

**Index Terms-** education, grades, academics, Female, males

## I. BACKGROUND

Education has been considered among the basic rights of human beings. Ever since the emerging of technology and globalization, the importance of education has also enhanced up to a wider extent. From the learning perspective, the sex has seemed to play a significant role. The role plays an essential role in motivation, attitudes, and achievement of students. There are several factors which are supposed to be important in the language learning process like cognitive, educational and social factors (Dayroglu & Asik, 2004). With the help of these factors, the researcher has aimed to identify the effect of the better command regarding the learning process in both of the sexes (i.e. in males and in females).

Several types of research have been done on the topic of the comparison between the performances of a male student and female students. The female students are found good in grades than the male students (Unity, 2015). The female students are claimed to have better learning skills as compared to the boys. However, the male students are found to have intelligence and better understandings of technology than female students.

Motivation is supposed to be an important element in the better learning and for motivation, good grades matter a lot. In this regards, several differences have been found in between both the genders. The intellectual level, the learning skills, the analytical skills, along with multiple other skills play an important part in making the differences more widened. The

males are reported with much better analytical skills but less performer in learning skills.

Achievement is defined in terms of good grades. The students having good grades in all of their subjects regardless of their stage of education (either they are in their school, high school, university or some any other place). The cognitive abilities of every individual measure the focus of an individual and display them in their test scores.

Earlier in times, the gender differences are considered to be following a stereotypical pattern in the tests identifying the achievements. However, with gradual changes in times and the nature of the tests have changed also, but the females are found to be a better performer than the male students. The respective gender differences have been lying in between female students and male students for many years.

Researchers and Educationalist have attempted several approaches for the explanation of this contradiction which has been apparently observed between both genders and the differences in the achievements. Multiple researches have been done on the topic and it has been reported that school grades put a significant impact on the learning skills of the student (either it is a male or a female). Grades also reflect the behavior of the students in social context within the classroom. The marks which a student gets in the classroom, although require many efforts but it influences the student for a longer period of time. On the other hand, the performances in some kind of standardized tests used to assess the specialized abilities and the critical capabilities of the student (irrespective of its gender) eliminating the influence of society. Other researchers have also elaborated some factors which used to create some distinguish between the school marks and the achievements which a student gets. The factors which the researchers have included in the study are the learning capability, along with the level of familiarization with the setting with the test, the confidence level, and the anxiety level also put significant impact on the performance of the student eliminating the gender factor (Yau & Cheng, 2012).

## II. LITERATURE REVIEW

Education is supposed to be the basic human rights which must be fulfilled at every cost. It is the Government responsibility to make every child educated. Ever since the emergence of globalization and technology has also become developed, several governments have started taking active steps towards the action of giving education to each and every child. It is important because the world is moving very fast in terms of science and technology while awareness of getting an education has also become an important element.

The gender differences also play an important role in getting the education. Usually, in the low economic countries or the countries of the third world has paid less attention towards the education of female. Gradually, such steps have been taken against such unfairness that now the education for females has also become equal important (Khan, Nawaz, Chaudhry, Hyder, & Butt, 2012). A similar gender difference has now created a pattern which has now become contradicting to explain and that pattern is defined as the good grades are been taken by the female students more than the males.

The female students (regardless of the educational background) are found more active in the academics than the male students (Economist, 2015). It is a fact that male students are having much knowledge about the technical world and their intelligence level is entirely different from a female but still, the difference between the grades is similar and still at its position. The grades in academics (either the students belong from any of the educational institutes or lying at some other educational stage) has created a typical pattern that female students are going better in the race than male students (Coskun, 2014).

Several factors are used for the investigation of the respective study such as the confidence level of the students, the level of formality with the test, the utilization of technology, and others (Brown, 2015). The male students are claimed as having much better analytical skills than the female students and in the activities associated with the utilization or usage of some advanced technology, the male students are found better performer, leaving the female students behind in the scores. However, when the point of research comes to the activities associated with the academics purely then, in this regards the female students are found performing better than the male students. In academics, the female students are observed as getting better grades than the male students. The confidence level of the female students which was lacking at the use of technology is found dominant at the academic tests. On the other side, the male students are found more enjoyable towards the use and utilization of technology for the studies as compared to the female students (Gnaultati, 2014).

In 2007, a research is conducted between the Chinese students and the Western students regarding the gender difference from the perspective of technology utilization. The results have reported that both Chinese and British female students are having less confidence level than the Chinese and Western male students. Even though the learning skills of the female students are more but the computer handling and computer skills were lesser than an average male student (Li & Kirkup, 2012). It has been concluded that the computer world in male dominant while the academics is somehow female dominant

### **The purpose of the Study**

A gender difference has been playing an important role in measuring the achievement of students irrespective of their education level. It has been identified that there are some differences in the skills between the genders and those differences are putting significant impacts in the society and over the behavior of students within the premises of their educational institute as well. This study has been conducted in order to identify that is it true that female students are more likely getting

good grades as compared to the male students when the external circumstances are supposed to be similar for both of them.

### **The importance of the Study**

Grades play an important role in building the confidence level of any student. The grades mirror the attitudes and behaviors of the students within the premises to whatever the educational institute they belong and whatever the educational level, the students are experiencing. The grades contribute a lot in establishing the personality along with the designing of future of the student. The respective study is important because the grades define the student's areas of interests and help the students to choose which circle or field of interest to peruse the career.

### **Research Question**

The research questions for the research are:

Q1: Why the difference has created between the female student grades and male student grades?

Q2: What is the pattern of difference between the female student grades and the male student grades?

Q3: Is there any impact of technology?

Q4: What are the factors, which are playing an effective role in the discussion associated with the gender difference?

### **Research Limitation**

For the purpose of having a detailed investigation, two surveys have been conducted with the sample of 15 people for each of the surveys. The survey was conducted in two different schools of males and females. The survey is limited to the students of age lying from 10 to 15.

### **Definition of Terms**

- Gender Difference: The gender difference is referred towards the group of differences that are commonly found among the average males and females in a society.
- Academics: It refers to the person having an educational background.

### **Methodology**

The following study has aimed to investigate the behavior of male students and female students as the female students are found getting higher grades than the male students while the external circumstances remain similar.

### **Research Philosophy**

Positivism is basically defined as a claim to a purpose which is unbiased in nature and independent of anyone's specific or person point of view. Therefore, if a researcher attempts to have any philosophy based on positivism then it clearly shows that that the researcher have a freedom of space in defining the perspective and the researcher's perspective is not affecting the main purpose or the subject of the overall study. The adaptation of positivism further indicates that the researcher wants to work with natural sciences that are observable in real in the study. In other words, positivism led the study towards the quantitative data analysis. In the type of research that has positivism in nature

usually have some relationships or correlations between single or multiple variables (Dudovskiy, 2016).

**Approach for Data Collection:**

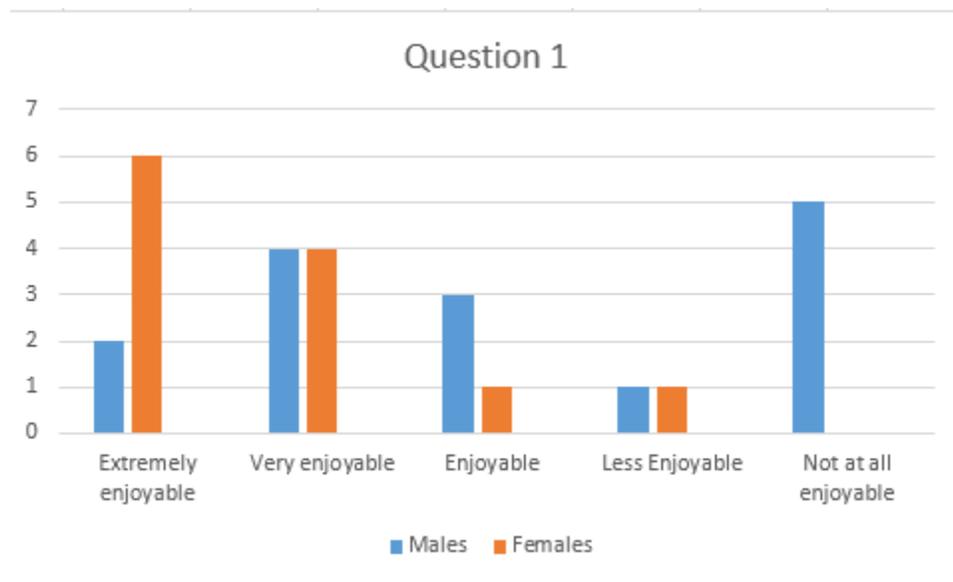
The approach for the data collection is quantitative in nature. The quantitative data collection method is implemented because the data will be gathered from surveys which are supposed to be conducted in two different schools. A

questionnaire will be given to the students and they have to fill the required spaced with the specific answers. The answers will help the researcher in gathering and extracting the information. Later, the results will be extracted from the gathered and extracted information.

**Questionnaire Results:**

1. How enjoyable is the academics?

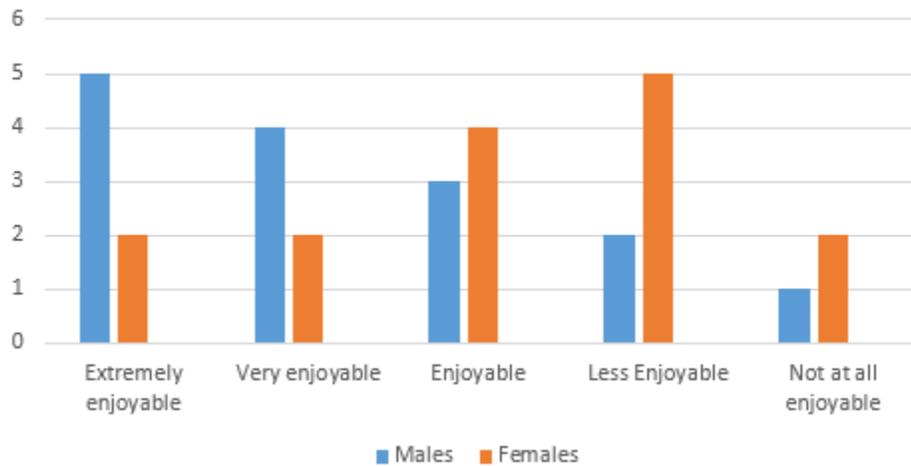
	Extremely enjoyable	Very enjoyable	Enjoyable	Less Enjoyable	Not at all enjoyable
Males	2	4	3	1	5
Females	6	4	1	1	0



2. How enjoyable do you find the association of technology with the academics?

	Extremely enjoyable	Very enjoyable	Enjoyable	Less Enjoyable	Not at all enjoyable
Males	5	4	3	2	1
Females	2	2	4	5	2

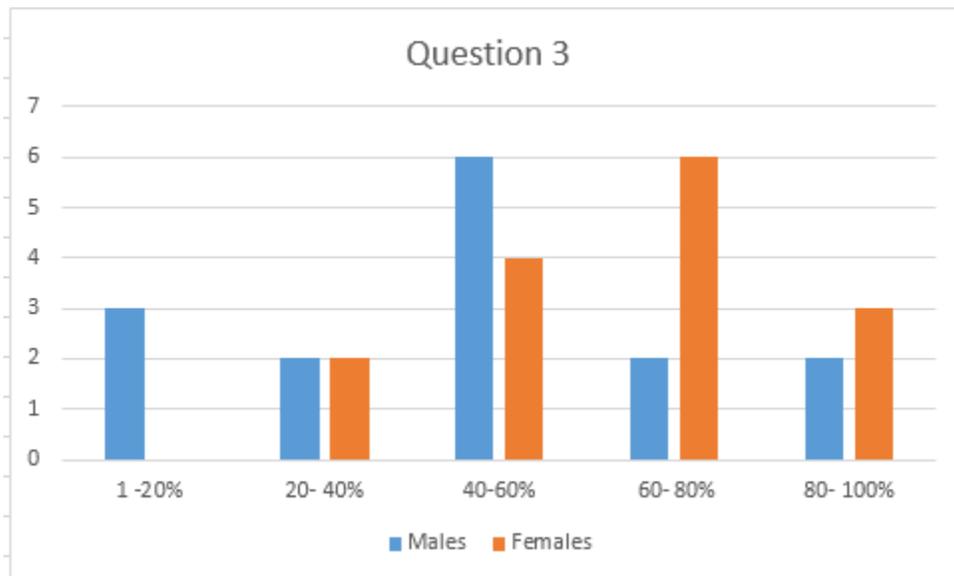
### Question 2



3. As compared to your whole class at which point would you grade yourself in academics (in %)?

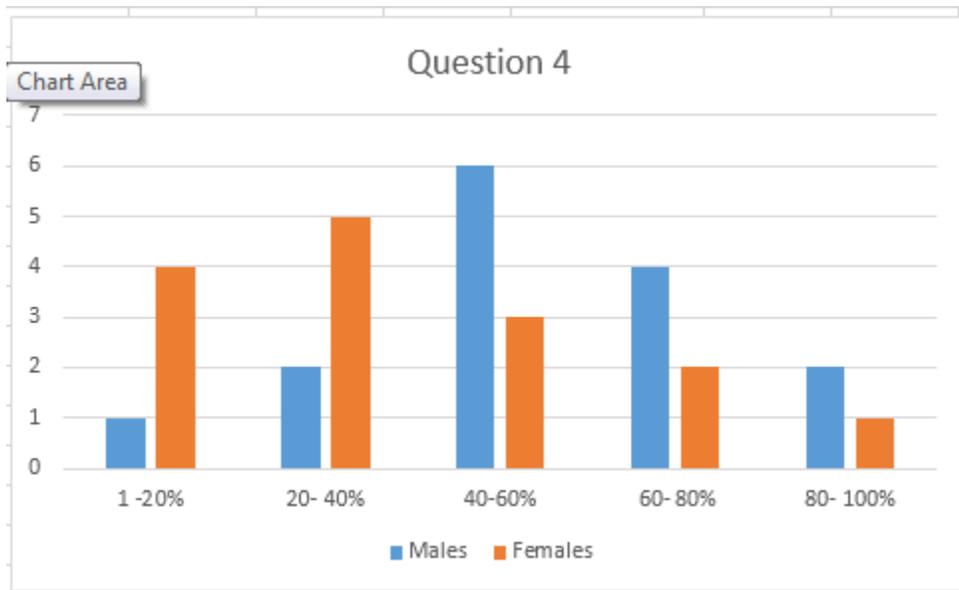
	1 -20%	20- 40%	40-60%	60- 80%	80- 100%
Males	3	2	6	2	2
Females	0	2	4	6	3

### Question 3



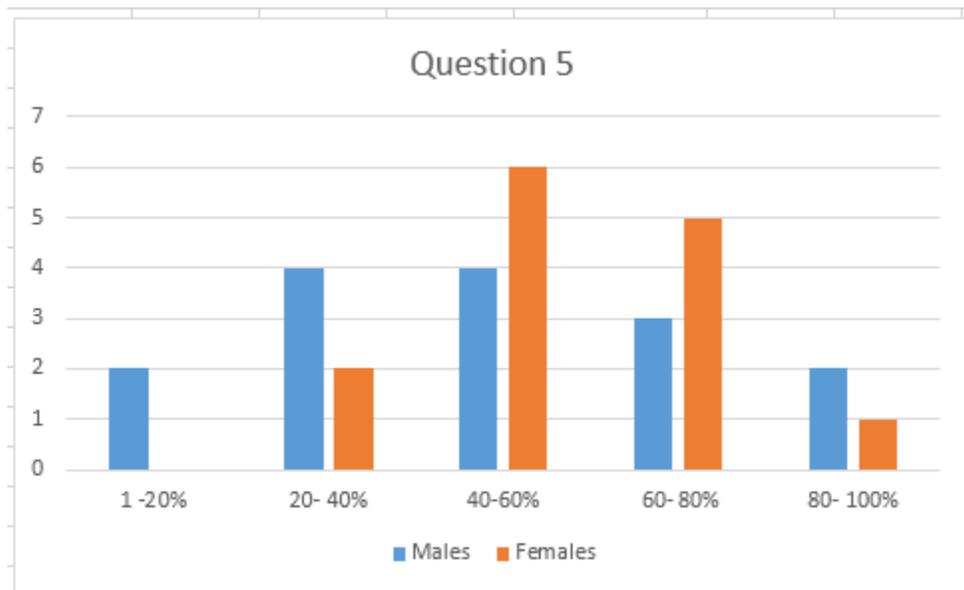
4. As compared to your whole class at which point would you grade yourself in technical information (in %)?

	1 -20%	20- 40%	40-60%	60- 80%	80- 100%
Males	1	2	6	4	2
Females	4	5	3	2	1



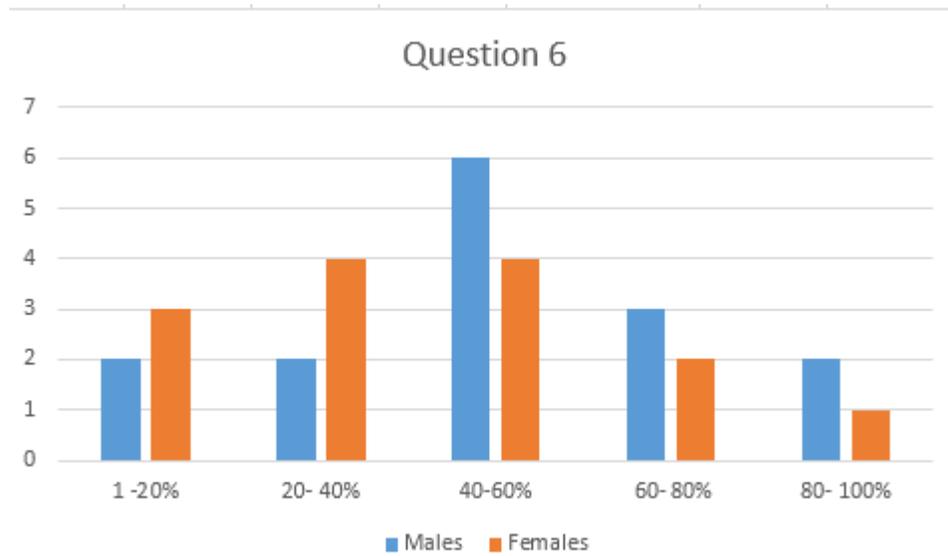
5. As compared to the FEMALE fellows in the class at which point would you grade yourself in academics (in %)?

	1 -20%	20- 40%	40-60%	60- 80%	80- 100%
Males	2	4	4	3	2
Females	0	2	6	5	1



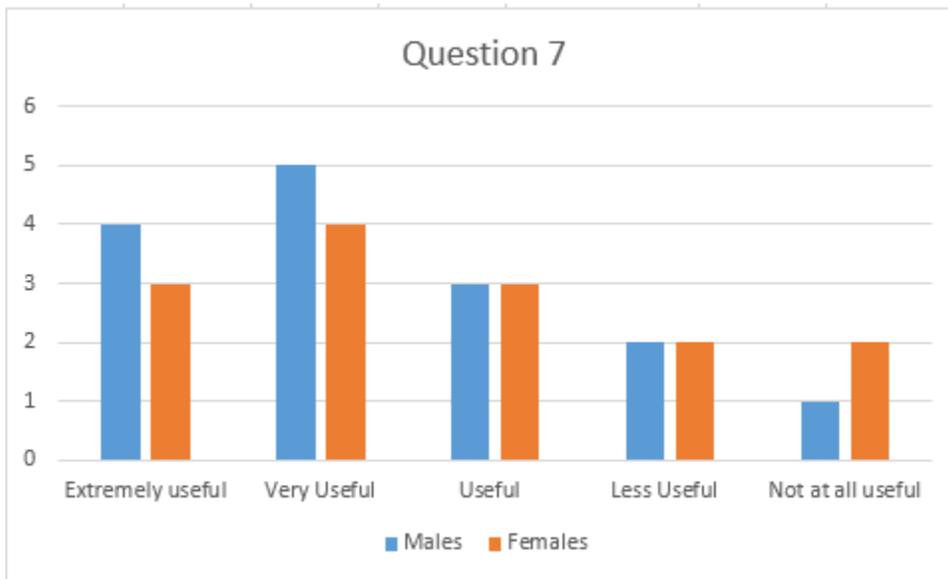
6. As compared to the MALE fellows in the class at which point would you grade yourself in technical information (in %)?

	1 -20%	20- 40%	40-60%	60- 80%	80- 100%
Males	2	2	6	3	2
Females	3	4	4	2	1



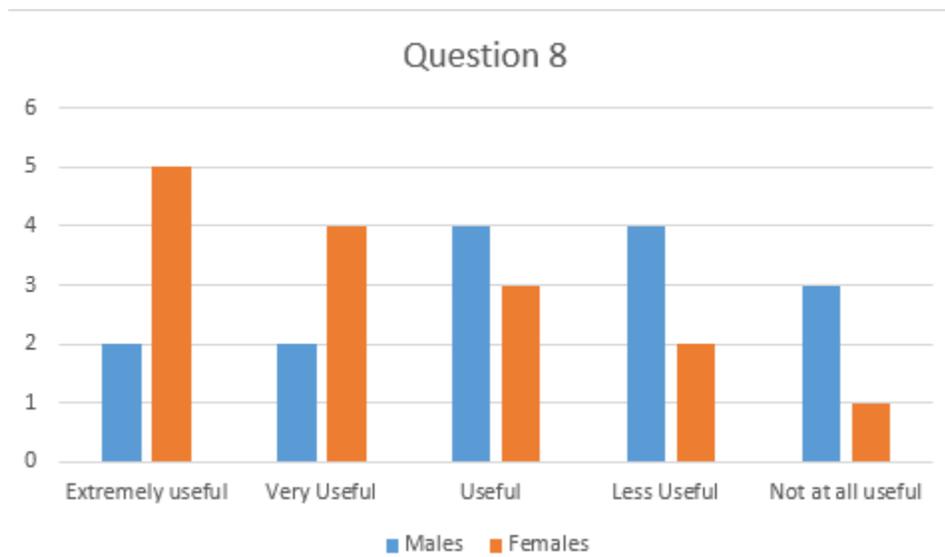
7. How useful do you think is your technical skills in the modern world?

	Extremely useful	Very Useful	Useful	Less Useful	Not at all useful
Males	4	5	3	2	1
Females	3	4	3	2	2



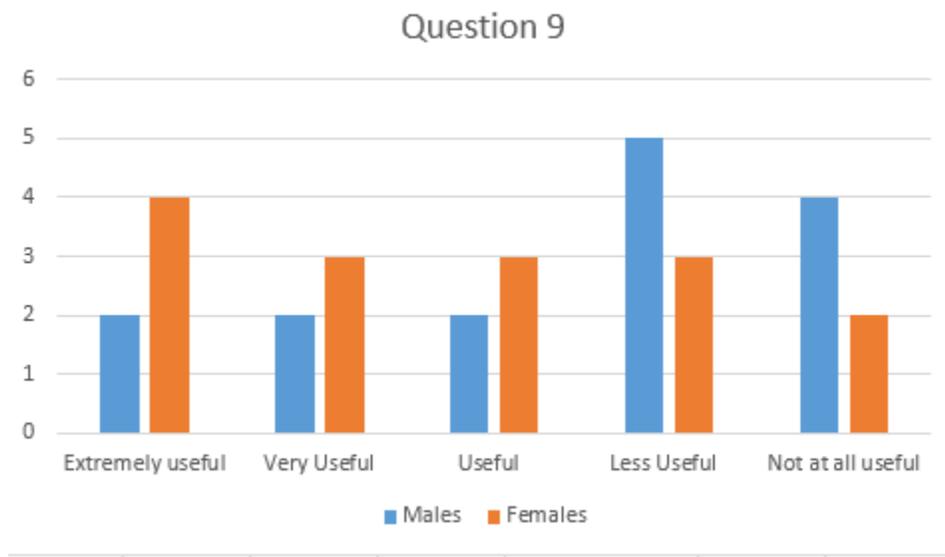
8. How useful do you find Maths in Academics?

	Extremely useful	Very Useful	Useful	Less Useful	Not at all useful
Males	2	2	4	4	3
Females	5	4	3	2	1



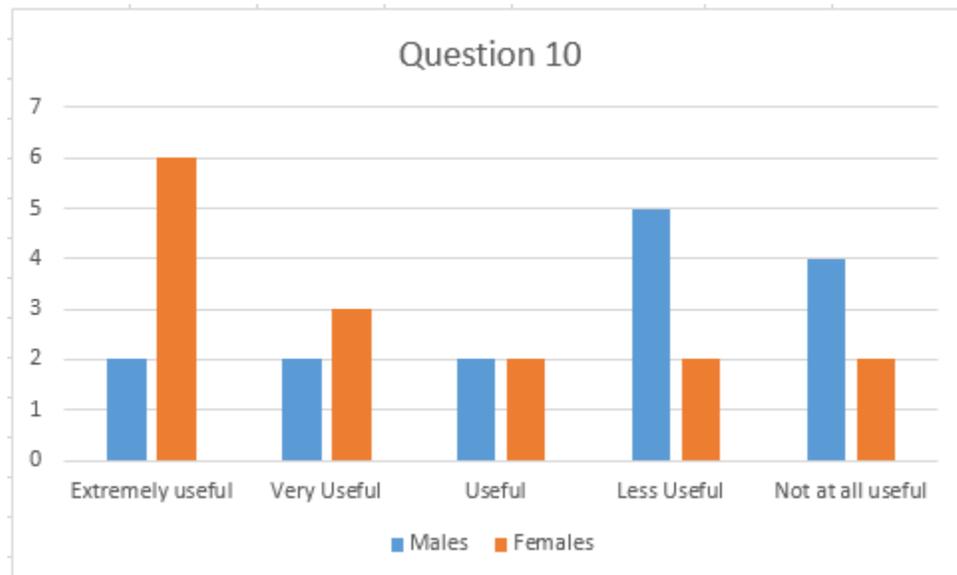
9. How useful do you think the grades are for your future?

	Extremely useful	Very Useful	Useful	Less Useful	Not at all useful
Males	2	2	2	5	4
Females	4	3	3	3	2



10. How useful do you find the maths and the relative subjects are in the modern day world?

	Extremely useful	Very Useful	Useful	Less Useful	Not at all useful
Males	2	2	2	5	4
Females	6	3	2	2	2



### III. RESULT ANALYSIS

Two surveys have been conducted in two different schools (i.e. one female dominant school and one male dominant school). There were 30 respondents in total (15 males and 15 females). Question 1 was asked about the enjoyable factor in academics. The females were found enjoying their academics journey more than the males. Question 2 was asked about the association of technology with the academics, in this case, the females were found less associated with the technology, however, the males were found excited about the association of technology with the academics. In question 3, when the respondents were asked about the comparison of them with their other fellow in terms of academics. A large population of males has put them at an average position. While the similar question was asked with the females, most of them have put them at the above average position. The question 4 was asked about the comparison of them with their fellows. In this case, again the males have put them in a balanced position while the females have put them in a below average position. In question 5, the respondents were asked to compare them with the other female students from the perspective of the academic. There were multiple answers but there were an equal number of male respondents in the below average and average position. On the other hand, when the similar question was asked with the females, most of them have placed them at the average position while none of the females has placed itself to the least most position. The question 6 was similar with 5 but this time, the comparison was presented with the Male students and from the perspective of technical information. The results have reported that mostly males consider them at average while the females have also considered them below average and average positions. Question 7 was asked about the utilization of technical skills in the modern world. In this regards, most of the males have considered the utilization as useful while the females also think in the same way. Question 8 was asked about the usefulness of mathematics in the academics. In this regards, mostly males have considered maths as useful while some of them have considered it less useful. On the other hand, a significant population of females has considered maths as

extremely useful in the academics, because maths contribute a larger factor in the good grades. The question 9 was about the utilization of grades in the future and in the establishment of acareer. A significant number of males have considered the grades as less useful in the establishment of career while some of them have considered as a waste as well. Contrary to that, the females have considered grades as the building element in pursuing the career. In question 10, the respondents were asked about the usefulness of subjects in the progress and development of themodern day. A significant number of males have considered it as less useful while the females have considered the theoretical studies as extremely useful.

### IV. CONCLUSION AND RECOMMENDATIONS

Education has been considered as the basic human rights by the United Nation Organization. The awareness program has been initiated by governments for their citizens. Although in the third world country, there are still some lacking in the education and their relative educational program.

The above study has aimed to investigate the behavior of students regarding their academics and other on- academics skills. The respective research has aimed to investigate the features because of which the females are supposed to be getting higher grades in the academics than their male fellow students while the external circumstances are kept similar for both of them.

For the analysis purpose, there have been conducted two surveys in two different schools; one school was male dominant while the second school was supposed to be female dominant. A detailed questionnaire (having some questions related to academics, some to none- academics while the remaining questions were associated with the skills of the students) was given to the students and the students were asked to fill up the question with the required and desired answers. The answers have claimed that the girls are supposed to be more linked to the academics while having fewer interests towards none- academics and technical education. Opposite to that, the males were reported having a keen interest in the non-academics or in the

technical education while the makers have also considered their grades as the less useful element in their future and in establishing their career. Apart from that, the males have considered their academics as boring while they also think that the education or the academics could become interesting if the courses are made linked with the modern day technology.

It is concluded from the whole research or the above-conducted study that there should be some utilization of the modern day technology in the academics to make it more interesting and attractive for the students. Apart from that, the girls which are found taking higher grades in academics are found less attentive in the use of technology. The female students are found having a good confidence level in dealing a class test while the similar girls are found having less confidence level in utilizing the technical skills or the technology.

Referring towards the future recommendation, then in this regard and from the above-concluded results, the use of technology and its association with the academics has become a must requirement. This will enhance the interests of female students in the technical knowledge while on the other hand, it will generate the interests of male students in the academics as well.

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