

CREATIVE QUALITIES AND THEIR RELATIONSHIP TO ACCURATELY PERFORM SOME OF THE BASIC SKILLS OF VOLLEY BALL FOR THE STUDENTS OF THE COLLEGE OF PHYSICAL EDUCATION, UNIVERSITY OF KARBALA

Ali Abdul Hassan Hussein Hussein Abdul-Zahra Abdul Al- yaham** Ibtghaa Mohammed Al-Bayati****

, **, * College of Physical Education, University of Karbala*

Abstract

There is no doubt that every skill of basic skills in volleyball requires a certain kind of creative qualities and by observing researcher for volleyball games and with a continuous basis, both within the college or outside. I have noticed that there is a decline in the creative qualities and the level of performance of the basic skills in volleyball and considering that the Volleyball focus the attention of many of her fans as a practice, a study and as a scientific research only. All those things turned to the importance of the study of the creative qualities because it forms a significant part and an indication of the level of performance of the basic skills in volleyball, and Research Goals Building the creative qualities scale at the college of physical education students at the University of Karbala the research community included the students of the Faculty of Physical Education at the University of Karbala for the fourth stage's which is consists of (99) students when a sample of random manner was selected with (40) student and a percentage of (40.40%).

1. The results showed that there are real differences between the students of the Faculty of Physical Education in the fact of the creative qualities dimensions.
2. The results showed a high level of accuracy for both transmission and receiving skills of volley ball with students of the Faculty of Physical Education.
3. The existence of a positive correlation between each of the creative qualities and accuracy performance skills of transmission and receiving transmission to the students of the College of Physical Education relationship.

KEYWORDS: Creative. Volleyball. Physical Education.

1. INTRODUCTION

The creativity is considered a human character characterized by humanity from ancient times as the creations of many adults' scientists and philosophers and artists were not a natural consequence of learning but serious creativity which a group of individuals is marked by to other people. Creativity takes many forms such as mental creativity which is reflected in the form of ideas or theories or artistic product or music or story or a creative poem ... And There are scientific creativity which is presented in quantitative forms as the athlete expansion or to reach a new formula or a new record in a particular game and qualitative creativity that represented in a new application or a responsible administration of an organization. There is another form of creativity combines form of mental and practical, which is combining theory and practice.

Hence the importance of the research with studying and know the creative process of the individual and how to strengthen it and the ability to generate new ideas in order to compete in various aspects of life as that creativity depends on knowledge and high skill and creativity doesn't restrict to field without the other, or individual without the other, but creativity is grows and strengthened under the terms and characteristics which must be provided to the person as the choice of the appropriate curriculum and the way in which they can reach to achieve the goals and the applying of assumptions is one of the concerns of scientists and researchers towards understanding and grasping the ways to create innovation and thus access to the circle of integration between reality and ambition as the individual's ability to be creative in sports practicing can configure an ideal template from which he can give and contribute to the community as the sports practice works to increase production and improve fitness, health, and improve the welfare of the members of the society.

Research problem: There is no doubt that every skill of basic skills in volleyball requires a certain kind of creative qualities and by observing researcher for volleyball games and with a continuous basis, both within the college or outside. I have noticed that there is a decline in the creative qualities and the level of performance of the basic skills in volleyball and considering that the Volleyball focus the attention of many of her fans as a practice, a study and as a scientific research only. All those things turned to the importance of the study of the creative qualities because it forms a significant part and an indication of the level of performance of the basic skills in volleyball.

And in believing of the researcher of the scientific research and means and ways if she turned to the study of the relationship between the creative qualities and the level of performance of the basic skills to set data to be an indicator for teachers and trainers in order to use it to develop the skill level of performance of those skills

Research Aim:

1. Building the creative qualities scale at the college of physical education students at the University of Karbala
2. To identify the nature of the relationship between the creative qualities and accuracy performance of some basic skills of volleyball

2. MATERIAL AND METHODS

The researcher used descriptive survey manner and mutual relations to achieve the objectives of the study.

Society and the research sample: -the research community included the students of the Faculty of Physical Education at the University of Karbala for the fourth stage's which is consists of (99) students when a sample of random manner was selected with (40) student and a percentage of (40.40%)

] Identify variables: -Creative qualities scale (Mohammad Hassan Allawi: 1998.47)

For the purpose of identifying the creative qualities to the students of the Faculty of Physical Education, the researcher collects sources and scientific references and the creative qualities scale which is prepared by Mohammed Hassan Allawi and consists of three dimensions depends on linking to the creative qualities for the player sports, especially in connection with the dimensions of the three special qualities of creativity which are as follows: -

- 1- Mental qualities
- 2- Psychological qualities
- 3- Practical qualities

The test consists of (33) phrase and three dimensions include (13) paragraph of the first dimension of mental qualities, and paragraph (11) of the second dimension of psychological qualities and (9) paragraph of the third dimension represented by the practical qualities, all dimensions scores are gathered separately and grades which are near grade (39) refers to distinguish the player for the first dimension (mental qualities, and the grade (33) refers to distinguish the player for the second dimension (psychological qualities, and 27 points to characterize the player for the third dimension (practical characteristics, as well as collecting the total score of the player and of the three dimensions to get a higher degree obtained in the scale as a whole.

Then, the researcher presented the scale on a group of experts and specialists to indicate the validity of the paragraphs of the scale of Creative qualities measurement of the students and the percentage of experts' approval was abstract.

Identifying the skills of research and its tests:The two skills of transmission from below and receiving transmission are chosen (passing down from bottom) depending on the educational course for the students of the fourth stage at the college, as they are among the basic skills involved in the standard curriculum of this school stage in college and they are of the important skills that must be learned by the student in the early stages of the study.

Identifying tests: -The two skills of transmission from below and receiving transmission (passing down from bottom) are adopted and they are standardized and used tests in previous researches, and on the same research sample specifications.

Exploratory Experiment : Exploratory experiment was conducted and a questionnaire of the scale of creative qualities and applying the test of skills of transmission from below and receiving transmission was distributed on Monday, 10/12/2013 about the research exploratory sample which consists of 5 students from within the sample of the basic research, in order to identify the most important difficulties and obstacles that may face the researcher while conducting the main experiment and was then re-test the same on Tuesday, 12.17.2013 on the same exploratory experiment sample and under the same circumstances the same results came after the extraction of the coefficients of validity and reliability whose values were (0.83) and (0.78) respectively.

Tests Scientific Transactions: - validity of tests: - to check the validity of the tests, the researcher used the content validity by offering tests on a group of experts and specialists (seen Appendix 1) and the (12) expert and a specialist, and after collecting the forms and sort the results, the results showed that the rate of experts and specialists approval on the appropriate tests which are put for is (100%), reaching a value of (Ca 2) calculated (), and it is larger than of its Tabulated value which is (3.84) when the degree of freedom (4) and at the designation level of (0.05) which shows the abstract choice and in favor of conformists (fit), and this is what shows the validity of these tests, as shown in table (2).

3-6-2 stability of tests: - the researcher find the stability of tests by applying the tests on 12/10/2013 and then re-applied on the exploratory sample individuals members with a time lag (7) days, ie on 17.12.2013, and the results indicated that tests under researching have high varying stability degrees, as shown in table (2).

3- 6-3tests objectivity: - The most used tests in the researches are easy and clear to understand and is unable to be interpreted and is far from self-evaluation of the rectifier, but the researcher has created an objectivity of tests of the technical performance of the

transmitting of the lower and receive transmissions volley ball through grades of two rectifiers, and the researcher used simple correlation factors grades, and was the value of the correlation factor is high, as it has a high degree of objectivity, as shown in table (1).

Table 1: shows the scientific transactions for the tests of skills in volleyball under research

S	Statistical parameters of Tests	Validity factor		Reliability factor	Objectivity factor
		fits	Doesn't fit		
1	Technical performance to send from the bottom	5	Zero	0.87	0.89
2	Transmission from the bottom accuracy	5	Zero	0.91	--
3	Technical performance of the transmitter receiver	5	zero	0.86	0.85
4	Transmission reception accuracy			-	0.89

3. RESULTS AND DISCUSSION

Display and analysis and discussion of the reality of the creative qualities and accuracy of performance of some basic skills in volleyball

Display, analyze and discuss the results of the reality of the creative qualities of students of the Faculty of Physical Education

To achieve the goal of the first study, the researcher seeks to extract the Arithmetic mean values and standard deviations, standard error of the dimensions of the creative qualities of students of the Faculty of Physical Education at the University of Karbala in order to recognize the reality of the creative qualities to the research sample individuals and thereby achieve the first objective of the study (Table 2) shows that.

Table 2 shows the Arithmetic mean values and standard deviations, standard error of the dimensions of the creative qualities of the research sample

Creative quality dimensions	The sample volume	The Arithmetic mean	standard deviations	standard error
Mental qualities	40	6.33	2.56	0.31
Psychological qualities	40	2.44	1.16	0.14
Practical qualities	40	7.12	2.48	0.30

Through table (2) results show that there is deference in the reality of creative qualities among the students of the Faculty of Physical Education through the deference of the values of the arithmetical means and the deviations of the dimensions of creative qualities, for example we found that after attributing winning to control center the arithmetical mean's value reached (6.33) and standard deviation (3.21) and it's a high value, and this is due to the internal factors and its explanation through more effort and perseverance and the ability to achieve success. Both of challenge and skill can be developed gradually in stages, which can be identified clearly, the more increased the athletic skill in the various dimensions of the skill, the challenge difficulty decreased and the better of athletic performance level increased, the more challenge aspects to accomplish the goal are found as it happens from the athletic at the beginning of the competition, where he would be more eager than necessary to achieve the goals, also the athletic would be a little nervous. The eager would be because of the good preparation and when nervous is found this means that the competition means a lot to the athletic, and when the goal of the athletic related to the best performance, he thought that he face the challenge. But because of the situation difficulty, he needs all his efforts as well as the full awareness of the goals set, as he has to pay attention and overcome the anxiety and face all the challenges in a fast and compatible form, when we find that after attributing losing the arithmetical mean's value reached (2.44) and standard deviation (1.16) and it's a low value compared with the previous dimension. And it's a signal of the excellence of the research sample with the control of the internal factors more than the external factors. That means that the attribution of losing may base on external factors more than internal ones, and for the dimension of attributing the good performance it achieved arithmetical mean and standard deviation valued (7.12) and (2.48) straight, and it's an evidence of the internal control of the players and the possibility of their control of behavior on one hand and on the other hand, possessing positive understanding of themselves. Regarding the attribution of the bad performance it achieved arithmetical mean (3.21) and standard deviation valued (1.30) which refers to that the research sample attribute the reasons of the weak performance to the external factors such as luck or the mission difficulty, and it's hard to control it.

Display, analyze and discuss the accuracy results of performance of the transmitter and receiver skills for students of the Faculty of Physical Education:

To achieve the second aim of the study the researcher sought to extract the arithmetical means and the standard deviations, and standard error values of the skills of the transmitter and receiver of the volleyball for students of Faculty of Physical Education at

the University of Karbala to identify the performance accuracy of transmitter and receiver skills among the research sample individuals and that achieved the second aim of the study (Table 3) shows that.

Table 3 shows the Arithmetic mean values and standard deviations, standard error for accurate performance of the skills of transmission and reception of the research sample

Tests	The sample volume	M	S.D	standard error
Technical performance to send from the bottom	68	5.35	1.37	0.16
Transmission from the bottom accuracy	68	16.67	2.74	0.33
Technical performance of the transmitter receiver	68	6.22	1.68	0.20
Transmission reception accuracy	68	18.43	3.11	0.37

Through a table (4) The results showed that the highest value of arithmetical means has achieved in accuracy performance of the skill of transmitter receiver accuracy which reached (18.43) and a standard deviation (3.11), that indicate the players ability of skilled performance and implementation of kinetic duty well, this besides perseverance, desire, the determination, and the challenge for achieve the goals while the performance accuracy of the transmitter skill has achieved arithmetical mean of (16.67) and a standard deviation (2.74), which shows that players have a good level of skilled performance and internal control of player by behavior adjusting and lack of affection by the external factors related to various course of performance.

The nature of the relationship between the reality of the creative qualities and performance accuracy of the skills of the transmitter and receiver volleyball to the research sample.

After extracting arithmetical means and standard deviations values for each of the creative qualities variable and performance accuracy of the skills of the transmitter and receiver transmitter with volleyball to the research sample variable, the researcher identify the nature of the correlation between variables through simple correlation coefficient (Pearson) and this what made the third aim of the research achieved as shown in table (4).

Table 4: shows the nature of the correlation (Pearson) between research variables of the sample individuals

Variables	Transmission accuracy	Transmission receiving accuracy
Mental qualities	0.43	0.36
Psychological qualities	0.30	0.45
Practical qualities	0.38	0.46

*Moral Correlation because it is bigger than the tabular value of (0.21) at significance level of (0.05) and the liberty degree of (66).

Through Table (4) showed that there is a positive correlation between the dimension of attributing win and the transmitter accuracy and the reception accuracy skills, as the results showed that the correlation coefficient has reached (0.43) (0.36), respectively, when the liberty degree is (66) and the level of statistical significance (0.05), and it's larger than the tabular value of correlation coefficient of (0.21), which indicates the presence of their correlation, also there is an inverse correlation between the dimension of attributing lose and the transmitter accuracy and the reception accuracy skills, as the results showed that the correlation coefficient has reached (-0.14) (-0.11) respectively, when the liberty degree is (66) and the level of statistical significance (0.05) which is smaller than the tabular value of the correlation coefficient of (0.21) which indicates the absence of their correlation, and the results showed that there is a positive correlation between the dimension of attributing the good performance and the transmitter accuracy and the reception accuracy skills, as the results showed that the correlation coefficient has reached (0.38) (0.46), respectively, when the liberty degree is (66) and the level of statistical significance (0.05), and it's larger than the tabular value of correlation coefficient of (0.21), which indicates the presence of their correlation, also the results showed an inverse correlation between the dimension of attributing of bad performance and the accuracy of transmitter and reception skills, as the results showed that the correlation coefficient has reached (-0.23) (-0.45) respectively, when the liberty degree is (66) and the level of statistical significance (0.05) which is smaller than the tabular value of the correlation coefficient of (0.21).

4. CONCLUSION

1. The results showed that there are real differences between the students of the Faculty of Physical Education in the fact of the creative qualities dimensions.
2. The results showed a high level of accuracy for both transmission and receiving skills of volley ball with students of the Faculty of Physical Education.
3. . The existence of a positive correlation between each of the creative qualities and accuracy performance skills of transmission and receiving transmission to the students of the Faculty of Physical Education relationship.
4. The existence of a positive correlation between both after mental qualities and accuracy performance skills of transmission and receiving volley ball with students of the Faculty of Physical Education relationship.
5. The existence of a positive correlation between both after psychological qualities and accuracy performance of the skills of preparation and reception of the volley ball with students of the Faculty of Physical Education relationship.
6. The presence of a positive correlation between all of the practical qualities dimensions and the accuracy performance of the skills of preparation and reception of the volley ball with students of the Faculty of Physical Education relationship.

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6. APPENDAGES

Appendix (1) The views of the research sample questionnaire (students of the Faculty of Physical Education)

Dear (the student, the student) the respectful.

Greetings:

Please, answer all the paragraphs of the scale and note that there are negative paragraphs and positive phrases, by putting the mark () at is (1) and the highest degree of the alternatives is (3).

S	Phrases	always	sometimes	Seldom
1	I have a high degree of creative thinking and I like renewal			
2	I own a strong memory in some matters relating to the article and is capable of getting to know the details			
3	I prefer to deal with the complex and diverse things that are open to interpretation			
4	I relied on strong note for all tracks and styles of competence that I'd			
5	High ability to summarize the topics of study and focus attention on constructive criticism			
6	I tend to find more than one solution to the problem			
7	Focus on constructive criticism			
8	I have an independent thought			
9	I wander more			

10	Thinking better in periods of calm and leisure			
11	Fast access to reach solutions			
12	I have the ability to link ideas			
13	I have the ability to produce a large number of ideas at one time			
Psychological Qualities				
14	Able to adopt rapidly with variables			
15	I have a degree of emotional balance, ie I do not reacted quickly			
16	Optimistic by nature			
17	I rely on my feelings and my emotions too much			
18	I care for my thoughts and adopt them and be fixed until execute them			
19	I fear not nor retract the problem quickly			
20	I have self-confidence and a sense of the ability to implement what I want			
21	I have high capacity to carry responsibility			
22	A very high ambition			
23	Warned of the negative suggestions			
24	Multi tendencies and interests			
Practical Qualities				
25	I don't prefer doing routine works			
26	I prefer the works which includes challenging			
27	I tend to conspiracy and I like challenging			
28	I am able to deal with ambiguous situations and solving difficult problems			
29	I preserve in my work and follow my ideas even if others oppose me			
30	I am always trying to improve my work			
31	I prefer to work on individual and collective action I think that hard work is the key factor in success			
32	I think that hard work is the key factor in success			
33	I tend to work on my own			

Address for correspondence

Authors: *Ali Abdul Hassan Hussein, College of Physical Education, University of Karbala*

E-mail address: Sama_sport2005@yahoo.com