A STUDY OF THE REALITY OF CONCEPTS, SKILLS AND ATTITUDES OF TEACHERS OF PHYSICAL EDUCATION IN THE DIRECTORATE OF EDUCATION OF KARBALA GOVERNORATE

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ABSTRACT

The purpose of this paper is to build a scale of concepts, skills and attitudes for teachers of physical education, and identify the reality of the concepts, skills and attitudes of teachers of physical education. The researchers adopted the descriptive approach by survey method and case studies (the current situation) to achieve the objectives of their study. The research community also included male and female teachers of public and private schools in the Directorate of Education in Karbala Governorate. After data collection, analysis and discussion, the researchers concluded the most important conclusions the male and female teachers in the education of Karbala governorate have a high level of concepts, skills and attitudes. The researchers also concluded several recommendations, the most important of which are benefiting from the results of the current study, especially the measurement tool, in measuring the concepts, skills, and attitudes of physical education teachers.

I. INTRODUCTION:

The teaching profession is one of the great professions, and it is almost one of the noblest because it contributes greatly to the making of life and its men. Rather, teachers use it in an optimal manner and with high efficiency that makes him able to confront and solve problems and how to deal with others and influence them. The teacher is a model of active education by providing the learner with good values and habits such as conscious and organized thinking, sound logical analysis, meditation, patience, perseverance, and honesty.

These competencies must be directed to the possession of all kinds in a great way and creativity in presenting the physical education lesson through it, and it is a tool for renewal for himself and his students, and he is a role model for his students through his leadership role in building personalities. As well as organizing and supervising extra-curricular educational and sports activities and the method of selecting them in line with the students’ tendencies and tendencies, and works to stimulate students’ thinking by creating an environment that exceeds the learner’s self-confidence or vice versa. From here came the importance of our current study by knowing the level of creativity in the teaching competencies of the male and female teachers of physical education in the governorate of Karbala.

Research problem:

Creativity represents the main forces for development and development, and it is suitable for change. Change is an urgent necessity to keep pace with the development-taking place in various fields. Therefore, our educational institutions need creativity to be able to offer what is new and to be able to survive and be stable. Teaching competencies are necessary for educational situations, especially as they aim to evaluate the planning, skills, knowledge and attitudes necessary to make teachers able to teach in light of the possibilities and climate available in the educational environment.

And through the experience of the researchers being supervisors of the subject of physical education in the General Directorate of Education in the Holy Karbala Governorate, they did not meet when they visited public
and private schools and informed them, so the problem of their current research came through revealing the concepts, skills and attitudes of physical education teachers and teachers.

Research objective:
- Building a scale of concepts, skills and attitudes of physical education teachers in the Directorate of Education of the Holy Karbala Governorate.
- Identifying the concepts, skills and attitudes of physical education teachers in the Directorate of Education in the Holy Karbala Governorate.

Research fields:
- Human field: Teachers of physical education in the schools of the Holy Karbala Governorate (public and private) for the academic year (2020-2021)
- Time field: (20/12/2015) to (24/1/2016)
- Spatial field: Public and private schools in the holy city of Karbala

II. RESEARCH METHODOLOGY AND FIELD PROCEDURES:

Research Methodology:
Choosing the appropriate approach for any research is one of the steps that result in the success of the research, given that the approach is “the methods, procedures, or entrance that are used in the research to collect data material and access through it to results, interpretations or predictions related to the subject of the research” (1). The descriptive approach in the style of survey and interrelationships because it aims to determine the conditions and relationships between reality and the phenomenon and collect data from members of the community to determine the current state of the community in many variables (2), which they see is consistent and consistent with the specifications of their research.

Community and sample research:
The research community included male and female teachers of physical education affiliated to the Karbala Education Directorate for the academic year (2020 - 2021), and their number was (263), (146) male and (117) female. (10) of them were chosen as an exploratory sample with a percentage of (3.8%), and (70) of them were chosen as a sample for constructing a scale of concepts, skills and attitudes and formed a percentage of (36.6%) and in a random manner with a proportional distribution, at a rate of (39) male and (31) female, and a choice of (150) single as the main application sample with (80) male and (70) female for public and private schools.

Means, devices and tools used in the research:
The means and tools of the research are the means, method or mechanism that the researcher uses to collect data and evidence and the method of analyzing them, and it is the means of implementing the research method and methodology chosen by the researcher. Which determined the type of tools used by the researcher in his research, their number and shape according to the type of material and the nature of the research topic (3). 

Sources and references
questionnaire
personal interviews
Metrics
Two (2) stopwatches.
Manual calculator type (Casio).
A computer (Lenovo).

Field research procedures (procedures for determining variables):
Scale-building procedures concepts, skills and attitudes:
For the purpose of measuring and determining the scale of concepts, skills and attitudes of physical education teachers of Karbala Education Directorate, this requires researchers to build a tool for measuring concepts, skills and attitudes according to the following steps.

**First: Defining the goal and purpose of the measurement:**

The goal is to develop a research tool concerned with defining the concepts, skills and attitudes of physical education teachers, and its purpose is to identify the level of concepts, skills and attitudes of physical education teachers from the elements of the studied community.

**Second: Identify the field of the scale:**

After reviewing the references and sources related to the concept of concepts, skills and attitudes, four domains of the scale were identified by the researchers, which are (the field of initiative, the field of motivation, the field of methods and methods used, and the field of liberation). A group of specialists, testing, measurement, teaching methods and psychology, sports management within a questionnaire. To determine the importance of each field and after collecting the forms and processing their data statistically and extracting the value of the relative importance when collecting half of the maximum value of the experts’ agreement with half the value of the range (importance) contained within the form, and the value of the relative importance is dividing the importance by the maximum value of the agreement multiplied by a hundred (4).

This can be explained as follows:

Maximum agreement value = number of experts x importance = 11 x 10 = 110

Half of the maximum value of the agreement = 110/2 = 55

Half of the importance = 10/2 = 5

Importance value = half of the range + half of the maximum value = 55 + 5 = 60

Relative importance value = 60/110 x 100 = 54.54%

After the forms were collected, the data was unloaded and processed, the fields that got less than (60) of importance were excluded, namely the field (creativity, innovation, teamwork), and the fields (initiative, motivation, methods and methods used, liberation) or less than (54.54%) were selected. of relative importance by taking the opinions of (11) experts and specialists and table (1) shows this.

<table>
<thead>
<tr>
<th>No.</th>
<th>Fields</th>
<th>Degree of importance</th>
<th>Relative importance</th>
<th>Nomination accepted</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>field of initiative</td>
<td>110</td>
<td>100</td>
<td>√</td>
</tr>
<tr>
<td>2</td>
<td>Motivation field</td>
<td>95</td>
<td>86.36</td>
<td>√</td>
</tr>
<tr>
<td>3</td>
<td>creativity and innovation</td>
<td>41</td>
<td>37.2</td>
<td>√</td>
</tr>
<tr>
<td>4</td>
<td>Teamwork</td>
<td>44</td>
<td>40</td>
<td>√</td>
</tr>
<tr>
<td>5</td>
<td>The field of methods and techniques</td>
<td>90</td>
<td>881.9</td>
<td>√</td>
</tr>
<tr>
<td>6</td>
<td>field of liberation</td>
<td>100</td>
<td>90.9</td>
<td>√</td>
</tr>
</tbody>
</table>

**Third: Formulating the initial formula for the concepts, skills and attitudes scale:**

It is known that each scale consists of a number of paragraphs, and the paragraph is defined as “a single action, duty, or question that cannot be analyzed or divided into smaller or simpler units, and the paragraph is the basic unit of measure for many psychological and mental characteristics” (5). Researchers have taken steps to determine the domains of the scale concepts, skills and attitudes. It has become necessary to prepare paragraphs and phrases appropriate to the scale and assemble them based on scientific sources and references and previous studies close to their study.

The process of preparing the scale’s paragraphs is one of the most important steps, in addition to the necessity of having certain conditions for the scale designer, which is mastery of the specialized scientific material related to...
the topics to be measured, as well as knowledge of the different methods of writing vocabulary so that he can choose from them what suits the purpose of the scale, linguistic fluency and ease in expressing in simple language, and having the ability to develop and invent situations in which you can measure the ability or trait to be measured.

It is necessary to work on collecting and preparing the paragraphs of the scale at an early stage, because this gives the designer enough opportunity to review and modify them if necessary. It is also advisable to prepare a larger number of paragraphs so that there is a sufficient number of them left to cover what is required if some of them are deleted or excluded for several reasons.

In order to collect, prepare and formulate an appropriate number of paragraphs concerned with measuring the areas of concepts, skills and attitudes of physical education teachers, the researchers formulated 41 paragraphs concerned with measuring the accepted concepts, skills and attitudes for nomination by experts and specialists by 11 paragraphs for each of the first field. The second and third, (initiative, motivation, methods of methods used) and 9 paragraphs (for the field of liberation), after which these paragraphs were presented to a group of experts and specialists in the field of testing, measurement, teaching methods, psychology, sports management, for the purpose of evaluating them and judging the validity of each paragraph. In measuring what was set in order to be measured, with the necessary observations if necessary, as well as expressing an opinion on the validity of the four-way answer alternatives (strongly agree, agree, disagree) and after collecting the forms, unloading the data and analyzing the opinions of experts and specialists, they suggested deleting and changing part of the paragraphs. To repeat it in meaning with other paragraphs or that it is not suitable for measuring what it was set for and modifying and transferring the other section from one field to another. They also suggested that the answer alternatives should be threefold (strongly agree, agree, not agree), under this, the opinions of experts and specialists were taken into account on the adoption of the triple answer alternatives related to the creativity scale in teaching competencies, and through the use of the (chi-2) test on the validity of the paragraphs and the retention of the paragraphs that received an agreement percentage (79%) of the experts or more, in which the value of (chi-2) is The calculated value is greater than the tabular value of (3.84) at the level of significance (0.05) and the degree of freedom (1) if (35) items are preserved for measuring the areas of creativity in the teaching competencies of physical education teachers and table (2) shows this.

Table (2) shows the agreement of experts about the validity of the paragraphs of the scale of concepts, skills and attitudes

<table>
<thead>
<tr>
<th>Fields</th>
<th>Paragraphs</th>
<th>No. of paragraphs</th>
<th>Number of experts</th>
<th>Chi-2 value</th>
<th>Type sig</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initiative</td>
<td>11-8-9-6-5-3-2-1</td>
<td>8</td>
<td>11%100 Zero Zero</td>
<td>11</td>
<td>Sig</td>
</tr>
<tr>
<td></td>
<td>10-7-4</td>
<td>3</td>
<td>8%72 3%27</td>
<td>2.27</td>
<td>Non sig</td>
</tr>
<tr>
<td>Motivation</td>
<td>10-9-8-7-5-4-3-2-1</td>
<td>8</td>
<td>11%100 Zero Zero</td>
<td>11</td>
<td>Sig</td>
</tr>
<tr>
<td></td>
<td>11-6-1</td>
<td>3</td>
<td>8%72 3%27</td>
<td>2.27</td>
<td>Non sig</td>
</tr>
<tr>
<td>The methods and methods used</td>
<td>.9-8-7-6-5-4-3-2-1 11-10</td>
<td>11</td>
<td>11%100 Zero Zero</td>
<td>11</td>
<td>Sig</td>
</tr>
<tr>
<td>Liberation</td>
<td>9-8-7-6-5-4-3-2-1</td>
<td>9</td>
<td>11%100 Zero Zero</td>
<td>11</td>
<td>Sig</td>
</tr>
</tbody>
</table>

Then the scale was presented to the linguistic expert to modify the wording of the paragraphs in a way that does not conflict with their linguistic integrity.

**Fourth: Preparing answer instructions on the scale of concepts, skills and attitudes:**

In order to complete the initial formula of the concepts, skills and attitudes scale for applying it to the members of the construction sample of physical education teachers affiliated to the Karbala Governorate Education Directorate, the researchers developed several instructions for the scale, which are as follows:

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1- Not mentioning the name.

2- Not to leave any paragraph unanswered.

3- The need to answer honestly and accurately.

4- The need not to use another colleague to answer.

5- Put a tick (√) in the field that applies to you and in front of each paragraph.

The researchers concealed the true purpose of the scale, as the name of the scale was not mentioned. The instructions also included an example of how to answer the paragraphs. It was written collectively without mentioning the field to which the paragraph belongs, so that the researchers gave a double sequence for each paragraph, where the first section of it refers to the paragraph sequence and refers The second section deals with the sequence of the domain in the scale in preparation for its survey on a sample of teachers.

Fifth: A survey of concepts, skills and attitudes:

For the purpose of knowing the clarity of the instructions, paragraphs, and answer alternatives by physical education teachers, as well as determining the time required to answer the paragraphs and identifying the difficulties and obstacles that researchers may face when applying the scale to members of other samples and thus avoiding them, the scale was surveyed on a sample of (10) single members of the community They were randomly selected on Monday 6/12/2020.

It was found that the instructions were clear and that the time taken to answer the paragraphs of the scale was between (7-15) minutes and thus the scale became ready for application to the members of the construction sample.

Sixth: Applying the scale to the members of the construction sample:

After completing the procedures for the stages of constructing a scale of concepts, skills and attitudes consisting of (4) domains and (41) paragraphs with objective paragraphs of the response, the researchers applied it to the construction sample, which numbered (70) teachers on Sunday 6/12/2020. The researchers empty the data of the respondents' forms, analyze them statistically, and reveal the efficiency of each paragraph of the scale.

Seventh: Objective response:

The researchers followed the method of repeating a set of paragraphs because it is more common, and it is one of the methods used in revealing the objectivity of the testers’ response to the paragraphs of the scale, as (4) paragraphs of the concepts, skills and attitudes scale were tested, one paragraph from each domain, and the formulation of (4) paragraphs Similar in meaning and different in wording, and Table (3) shows that.

Table (3)Shows the sequence of the original and repeated paragraphs for the concepts, skills and attitudes scale fields

<table>
<thead>
<tr>
<th>No.</th>
<th>Original paragraphs</th>
<th>Repeated paragraphs</th>
<th>fields</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>5</td>
<td>36</td>
<td>The initiative</td>
</tr>
<tr>
<td>2</td>
<td>20</td>
<td>37</td>
<td>motivation</td>
</tr>
<tr>
<td>3</td>
<td>25</td>
<td>38</td>
<td>The methods and methods used</td>
</tr>
<tr>
<td>4</td>
<td>34</td>
<td>39</td>
<td>liberation</td>
</tr>
</tbody>
</table>

For the purpose of revealing the objectivity of the testers responded, the following measures were taken (7):

- Extracting the difference between the two grades (original and repeat ) for similar paragraphs in each form
- Extracting the absolute differences between these scores for each member of the sample.
- Extracting the arithmetic mean and standard deviation of the sums of these absolute differences.
The arithmetic mean and standard deviation were collected for the purpose of finding the criterion for which or without the answers of any of the sample members and after applying the procedures it appeared that the values of the arithmetic mean and standard deviation, respectively (2.45) and (0.518).

In addition, when they were combined, the spoken degree at which or without the form was accepted reached (2.968) degrees, and because the construction sample consisted of (70) singles, we have (70) forms. All forms are for statistical analysis purposes.

Eighth: Scale correction:

The concepts, skills and attitudes scale, its items were formulated in a positive and negative direction and with three alternatives. Weights were given (3-2-1) for the positive items and (1-2-3) for the negative items according to the answer sequence for the items and to know the nature of the sample’s answer on the concepts, skills scale and attitudes The intended correction key was used, which means (the tool by which the examiner detects answers that indicate the existence of the result to be measured) ⁸.

Ninth: Statistical analysis of paragraphs:

The quality of the scales depends on the paragraphs that make up them. It is necessary to analyze each paragraph and reveal its efficiency, and to keep the paragraphs that fit the logical foundations for which it was built, as there are several methods for analyzing the paragraphs of the scale, including the two end groups to use the paragraph’s distinction coefficient, which is the paragraph’s ability to distinguish differences individuality between the laboratories. And the internal consistency coefficient, which provides us with evidence of the homogeneity of the paragraphs by studying the relationship of the degree of the paragraph with the total degree of the domain to which it belongs and the relationship of the degree of the field to the total degree of the scale.

Eleven: The two terminal group method:

For extracting the discriminatory ability of the concepts, skills and attitudes scale items, there are several steps that must be followed:

- Arranging the scores obtained by the testers in a descending order from the highest score to the lowest score.
- Extracting the values of the arithmetic means and standard deviations for the scores of the upper and lower groups.
- Take a percentage (27%) from the top and bottom of the order of scores to form the upper and lower groups, which is estimated at (19) items from the upper and lower groups, and after following the steps of using the (T) test for independent and equal samples to test the differences between the means of the two end groups for each paragraph separately, as the calculated (T) value represents the discriminatory power of the paragraph between the members of the two groups, and thus the results of the analysis came that all paragraphs of the creativity scale in teaching competencies have a significant discriminatory power between individuals by comparing the value of (T) calculated with its tabular value of (2.04) under the level of significance (0.05) and at the degree of freedom (36), and table (4) shows that.

Table (4) shows the values of the discriminatory ability of the concepts, skills and attitudes scale items and their statistical significance.

<table>
<thead>
<tr>
<th>Paragraph sequence to scale</th>
<th>Upper group</th>
<th>lower group</th>
<th>T value</th>
<th>discriminatory ability</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Arithmetic mean</td>
<td>Standard deviation</td>
<td>Arithmetic mean</td>
<td>Standard deviation</td>
</tr>
<tr>
<td>1/ 1</td>
<td>3.0000</td>
<td>0.0000</td>
<td>1.5000</td>
<td>.60698</td>
</tr>
<tr>
<td>2/ 2</td>
<td>3.0000</td>
<td>0.0000</td>
<td>1.9500</td>
<td>.39403</td>
</tr>
<tr>
<td>3/ 3</td>
<td>3.0000</td>
<td>0.0000</td>
<td>1.6500</td>
<td>.58714</td>
</tr>
<tr>
<td>4/ 4</td>
<td>3.0000</td>
<td>0.0000</td>
<td>1.5000</td>
<td>.60698</td>
</tr>
<tr>
<td>1/ 5</td>
<td>3.0000</td>
<td>0.0000</td>
<td>1.8000</td>
<td>.52315</td>
</tr>
<tr>
<td>2/ 6</td>
<td>3.0000</td>
<td>0.0000</td>
<td>1.7000</td>
<td>.57124</td>
</tr>
<tr>
<td>3/ 7</td>
<td>3.0000</td>
<td>0.0000</td>
<td>1.6500</td>
<td>.58714</td>
</tr>
<tr>
<td>4/ 8</td>
<td>3.0000</td>
<td>0.0000</td>
<td>2.0000</td>
<td>.32444</td>
</tr>
</tbody>
</table>
Twelve: internal consistency coefficient:

The researchers used another method to detect the efficiency of the paragraphs of the concepts, skills and attitudes scale that differs from the previous method (the two peripheral groups). Attitudes, as she extracted the value of the Pearson correlation coefficient for all the concepts, skills and attitudes (35) items. Because of this procedure, the results showed that all the calculated correlation coefficient indices between the scores of items and the scores of the domains to which the items belong were significant when compared with the value of the tabular correlation coefficient. The degree of freedom (68) and the level of significance (0.05) amounting to (0.233), and table (5) shows that.

Table (5) shows the correlation values of the paragraph's degree with the total sum of the domain to which it belongs for the scale of concepts, skills and attitudes and statistical significance.
The results of the statistical analysis of the items’ degree correlation coefficients with the total score of concepts, skills and attitudes scale showed the significance of all correlation coefficients, and the calculated correlation coefficients values were greater than the tabular correlation coefficient value at the degree of freedom (68) and the level of significance (0.05), which amounted to (0.233) and Table (6) shows that.

Table (6) shows the correlation values of the paragraph's degree with the total score of the concepts, skills and attitudes scale.

<table>
<thead>
<tr>
<th>paragraphs</th>
<th>correlation values</th>
<th>Type sig</th>
<th>paragraphs</th>
<th>correlation values</th>
<th>Type sig</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/1</td>
<td>.350**</td>
<td>Sig</td>
<td>3/19</td>
<td>.365**</td>
<td>Sig</td>
</tr>
<tr>
<td>1/2</td>
<td>.399**</td>
<td>Sig</td>
<td>3/20</td>
<td>.343**</td>
<td>Sig</td>
</tr>
<tr>
<td>1/3</td>
<td>.410**</td>
<td>Sig</td>
<td>3/21</td>
<td>.469**</td>
<td>Sig</td>
</tr>
<tr>
<td>1/4</td>
<td>.278*</td>
<td>Sig</td>
<td>3/22</td>
<td>.339**</td>
<td>Sig</td>
</tr>
<tr>
<td>1/5</td>
<td>.424**</td>
<td>Sig</td>
<td>3/23</td>
<td>.453**</td>
<td>Sig</td>
</tr>
<tr>
<td>2/6</td>
<td>.405**</td>
<td>Sig</td>
<td>3/24</td>
<td>.450**</td>
<td>Sig</td>
</tr>
<tr>
<td>3/7</td>
<td>.648**</td>
<td>Sig</td>
<td>3/25</td>
<td>.395**</td>
<td>Sig</td>
</tr>
<tr>
<td>4/8</td>
<td>.367**</td>
<td>Sig</td>
<td>3/26</td>
<td>.343**</td>
<td>Sig</td>
</tr>
<tr>
<td>1/9</td>
<td>.538**</td>
<td>Sig</td>
<td>4/27</td>
<td>.536**</td>
<td>Sig</td>
</tr>
<tr>
<td>2/10</td>
<td>.410**</td>
<td>Sig</td>
<td>4/28</td>
<td>.543**</td>
<td>Sig</td>
</tr>
<tr>
<td>3/11</td>
<td>.364**</td>
<td>Sig</td>
<td>4/29</td>
<td>.343**</td>
<td>Sig</td>
</tr>
<tr>
<td>4/12</td>
<td>.410**</td>
<td>Sig</td>
<td>4/30</td>
<td>.463**</td>
<td>Sig</td>
</tr>
<tr>
<td>1/13</td>
<td>.370**</td>
<td>Sig</td>
<td>4/31</td>
<td>.395**</td>
<td>Sig</td>
</tr>
<tr>
<td>2/14</td>
<td>.648**</td>
<td>Sig</td>
<td>4/32</td>
<td>.343**</td>
<td>Sig</td>
</tr>
<tr>
<td>3/15</td>
<td>.270*</td>
<td>Sig</td>
<td>4/33</td>
<td>.582**</td>
<td>Sig</td>
</tr>
</tbody>
</table>
The tabular value The degree of freedom (68) and below the significance level (0.05) equals

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>4/16</td>
<td>.538**</td>
<td>Sig</td>
<td>4/34</td>
<td>.535**</td>
</tr>
<tr>
<td>1/17</td>
<td>.530**</td>
<td>Sig</td>
<td>4/35</td>
<td>.463**</td>
</tr>
<tr>
<td>2/18</td>
<td>.504*</td>
<td>Sig</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Thirteen: Psychometric properties of the scale:

Honesty and constancy are among the most important psychometric characteristics in the psychological and educational scale, whatever the purpose of its use. Accordingly, these characteristics and conditions must be verified in order to ensure the quality and validity of the scale used for measurement and evaluation (9).

- First: The Honesty of the scale: The validity of the scale indicates Honesty and Honesty that the test actually measures the job it is intended to measure without measuring another job besides it (10). The researchers verified the validity of the creativity scale in the teaching competencies of physical education teachers by calculating the content validity index when the scale was presented in its initial form to a group of experts and specialists to confirm the Honesty of its items in measuring what was set for measurement. Construction using the two-peripheral group method and the internal consistency coefficient, which is one of the most common types of honesty in the field of educational and sports research.

    By finding the value of the Pearson correlation coefficient between the degree of the paragraph with the degree of the total sum of the domain to which the paragraph belongs, and the degree of the paragraph in the total degree of the scale of concepts, skills and attitudes, where the scale of concepts, skills and attitudes included four areas, which are:

    - The field of initiative.
    - Motivational field.
    - The field of methods and methods used.
    - The field of liberation.

    Thus, the researchers extracted the value of the correlation coefficient (Pearson) between the degree of the paragraph and the degree of the total sum of the domain to which the paragraph belongs to the members of the construction sample of (70), which showed the significance of all correlation coefficients, and this confirms the extent to which the paragraph belongs to the field as the researchers sought to study the relationship of paragraph degree In the total score of the scale, which showed the significance of most of the correlation coefficients, and this confirms the extent of the paragraph's belonging to the scale, as shown in Tables (5) and (6).

- Second: Scale stability: The concept of stability is one of the basic concepts in educational and psychological standards, and it must be available in the scale in order to be usable. It means “that the test is reliable and reliable or that the individual’s score does not change substantially by repeating the test performance or the consistency of test results with themselves” (10). In order to verify the stability of the creativity scale with teaching competencies, the researchers used the (half-splitting) method (Cronbach's alpha coefficient).

Half-split method:

In this method, the scale is given as a whole and then divided upon correction into two equal parts so that all arithmetic means and deviations are equal in both halves. Usually, the first section contains the odd-numbered items and the second part contains the even-numbered items, and the scores of each department are collected separately, so we have two scores for each tester (11). The researchers adopted the method of odd and even numbers. The items of the creativity scale were divided into (34) teaching competencies in two halves. The first half included 17 odd-numbered items, and the second half included 17 even-numbered items. And after making sure that the two halves are homogeneous using the (F) test when extracting the arithmetic mean.
and standard deviation value, and then the value of the variance for each section, as the mean, deviation and variance values for the first section reached (42.34) and (4.58) (20.98), and the mean, deviation and variance values for the section reached, respectively. The second, respectively (39.07), (4.49), (20.21) and by applying the tertiary ratio equation, as the calculated (F) value reached (1.038), which is smaller than its tabular value of (1.534) under the significance level (0.05) and at two degrees of freedom (69-69), which confirms the randomness of the differences between the two halves of the scale and that they are homogeneous in a good proportion. After that, the Pearson correlation coefficient was calculated between the halves of the scale, which showed that the value of the half-scale correlation coefficient amounted to (0.703) and since this value represents the stability of the half-scale, so the researchers sought to use The (Spearman-Brown) equation to modify and extract the stability value of the entire scale and obtain the degree of stability of the scale, which amounted to (0.825), which confirms that the scale has a high and reliable degree of stability.

Coefficient method (Alpha Cronebach):

This type of stability is called internal homogeneity, and it is one of the most common and most suitable parameters for the scales. It refers to “the strength of the correlations between the items in the scale.” It is the average of the internal correlation coefficients between the paragraphs that determines the Facronbach coefficient. The Facronbach equation was applied to the members of the construction sample amounting to (70) single, using the statistical bag for social sciences (spss), and it showed that the value of the stability coefficient in the (Alpha Cronebach) method reached (0.835), which is a reliable indicator of stability.

Fourteen: The main experiment of the research:

After completing the construction of a scale of concepts, skills and attitudes and preparing the school sports environment for male and female physical education teachers in the Directorate of Education in the Holy Karbala Governorate for the academic year 2020-2021, the researchers began applying it to the main research sample of (150) individuals on Sunday, 6/12 / 2020 After completing the application of the scale and carrying out the basic experiment, the researchers collected the forms, unpacked their data, and arranged them in preparation for conducting the statistical treatments.

Fifteen :Statistical methods: The search data was processed through the Statistical Package for the Social Sciences (SPSS).

Presentation, analysis and discussion of the results:

After conducting the process of measuring the variable by applying the scale concerned with measuring it and obtaining data and in order to achieve the second goal of the study, which included (recognizing the reality of concepts, skills and attitudes of physical education teachers in the Directorate of Education in the Holy Karbala Governorate), then the researchers sought to extract the values of the arithmetic mean and the standard deviation of the scores The sample of the basic experiment of the research, which numbered (150) male and female teachers of physical education in the General Directorate of Education of the Holy Karbala Governorate, on the scales, and when dividing them by sex, it was found that there are male (80) and (70) female, then the hypothetical mean value of the two measurements was calculated.

Presenting, analyzing and discussing the reality of concepts, skills and attitudes:

And after completing the construction of the concepts, skills and attitudes scale and applying it to the members of the basic research sample, which numbered (150) items, which included (4) domains and (35) items, and distributed by (11) items for the initiative domain, (11) items for the domain of motivation, (11) A paragraph for the field of methods and methods used, (9) paragraphs for the field of liberation, after which the researchers sought to extract the values of the teachers’ scores on the scale, and then calculate the value of the hypothetical mean of the scale of (70) degrees, and after inferring the significance of the differences between the two means (the arithmetic mean The verified and hypothetical mean of the scale) through the use of the (T) test for one sample as a statistical means to achieve this purpose and to identify the reality of the level of creativity in teaching competencies among male and female teachers of physical education in the Directorate of Education of the Holy Karbala Governorate for the academic year (2020-2021), and the results related to the analysis of The data that the arithmetic mean achieved for the scores of the research sample members reached (76.69) degrees and with a standard deviation of (16.42) degrees. Statistically significant between the two means, and the calculated (T) value reached (4.988), which is greater than its tabular value of (2.00) at a degree of freedom (149) and below the level of significance (0.05), and table (8) shows that:
Table (8) shows the significance of the differences between the achieved arithmetic mean and the hypothetical mean of the scale of concepts, skills and attitudes.

<table>
<thead>
<tr>
<th>Sample</th>
<th>Arithmetic mean</th>
<th>Standard deviation</th>
<th>Hypothetical mean</th>
<th>Degree of freedom</th>
<th>T value</th>
<th>Type sig</th>
</tr>
</thead>
<tbody>
<tr>
<td>150</td>
<td>76.69</td>
<td>16.42</td>
<td>70</td>
<td>149</td>
<td>4.988</td>
<td>Tabular</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2.00</td>
<td>Sig</td>
</tr>
</tbody>
</table>

Through table (8), it is clear that the difference is in favor of the achieved arithmetic mean, and this indicates that the level of concepts, skills and attitudes of physical education teachers in the Directorate of Education of the Holy Karbala Governorate is above the mean. The researchers believe that the opinions, tendencies and beliefs of the study sample members play an important role in their attitudes and responses, and this is based on the feelings of love and hate that teachers feel towards the initiative “because it is a group with a specific number of individuals in a state of interaction to achieve a common goal agreed on its importance, within the framework of interaction through roles Different but interrelated, and the level of interaction varies with different goals and members, and the achievement of goals or achievement is done through the group, by transforming educational ideas into realistic practices and because it is a group with a specific number of individuals in a state of interaction to achieve a common goal agreed on its importance, within the framework of interaction through roles Different but interrelated, and the level of interaction varies according to the different goals and members, and the achievement of goals or achievement is done through the group, and that is through continuous interaction and cooperation and not by individual work. The initiator has knowledge, skills and attitudes and is able to plan, implement and follow up, and achieve for the individual the expected goals of the initiative and the attempt to participate in the motivation related to the individual’s tendency to focus and look at things that others did not notice. Individuals using a new method that achieves excellence and superiority and gives greater flexibility.

The researchers believe that the concepts, skills and attitudes are characterized by a tendency to emphasize entrepreneurship, innovative motivation, and the precedence of individuals over specific rules and procedures, with an open vision to accept any new idea with the least amount of objections that frustrate innovation and its initiatives and try to find appropriate solutions and make them supportive in work and so that institutions can To achieve this, it is necessary to reduce the ready-made work rules and work guides. The affiliates who feel a high degree of teaching creativity feel that they are indebted to the educational institution, and then the need for concepts, skills and attitudes and positive behaviors towards the institution. Among these behaviors are work on improving creativity and innovation, as well as methods and methods. The researchers consider that the importance of concepts, skills and attitudes for physical education teachers are acquired abilities that allow behavior and work in a specific context, and their content consists of knowledge, skills and attitudes that are integrated in a complex form, as the individual who acquired them employs in order to confront a problem and solve it in a specific situation and creativity is finding a new and original solution to a scientific or technical problem Social and creative thinking abilities are originality, flexibility, fluency, imagination, intuition, installation, speed of intuition, analysis, evaluation and others. All this helps in the success of his work, and it is consistent with what was indicated by that competencies are important things that must be available to the teacher and who is able to translate what he has learned into actual life situations with his own and measurable ability, of showing it in a certain amount and in a way that serves the education process.

Concepts, skills and attitudes are a product of what employees have acquired of knowledge, concepts, skills and attitudes represented in planning, implementation and evaluation that guide the teacher’s teaching behavior and help him to perform his work in the classroom with a certain level of distinguished performance. The researchers believe that the concepts, skills and attitudes of physical education teachers are among the most important The components of the internal environment of the academic institution, which represent the main forces for development and development, which is appropriate for change and is an urgent necessity to keep pace with the development taking place in various fields, and affect the behavior of teachers and constitute an important motivation towards achievement. There must be clear and explicit rules.

A functional description of the mutual responsibilities between teachers and the development of the belief that time is an important element and should not be wasted, and that sincerity in work leads to satisfactory results. For individuals as teachers and their contribution to the formation of the cultural identity of societies. Since knowledge and experiences are the foundations of creative construction, the large amount contained in physical...
education and sports sciences due to the multiplicity of its fields and its diversity between health, educational, social, psychological, physical and recreational makes concepts, skills and attitudes a tributary of general development and development for the individual and society.

III. CONCLUSIONS AND RECOMMENDATIONS:

Conclusions:
Through the results of the study, the researchers reached several conclusions:

- Develop a measurement tool concerned with measuring and defining the concepts, skills and attitudes of physical education teachers in the Karbala governorate

- The teachers of physical education in the Directorate of Education of Karbala Governorate have a high level of concepts, skills and attitudes.

Recommendations:
Through the results of the study, the researchers concluded several recommendations:

- Making use of the results of the current study, especially the measurement tool, in measuring the concepts, skills and attitudes of physical education teachers in the directorates of education in Iraq.

- Conducting similar studies that depend on other psychological and social variables among educational cadres in the education directorates in Iraq.

- Conducting studies that include the variables of the current study and on other directorates of education and include wider samples

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