

Is there correlation between the development of cognitive motive and the development of creative ability?

This question divided to the other following questions:

- a- Does the cognitive motive of the sample differ according to the difference of sex?
- b- Does the cognitive motive of the sample differ according to the difference of study grade?
- c- Does the creative ability of the sample differ according to the difference of sex?
- d- Does the creative ability of the sample differ according to the difference of study grade?

The previous studies:

The previous studies presented as follows:

- 1- Studies related to the cognitive.
  - a- Studies related to the cognitive motive directly.
  - b- Studies related to the cognitive motive indirectly.
- 2- Studies related to the creative ability.
- 3- Studies related to the creative ability and emotional, motivational factors.
- 4- Studies related to the relationship between the cognitive motive and creative ability.

The tools of study:

The researcher used the following tools:

- 1- The creative ability scale by Abd El-Salam A.
- 2- The high intelligent test by El Sayed M.K.
- 3- The cognitive motive scale by the researcher.

The Method and procedures:

The researcher applied the tools on a sample consisted of 398 students form secondary and University stage.

The statistical Analysis:

The researcher used the following statistical styles:

- 1- Analysis of varience with its factorial design 2x3.
- 2- T. test.
- 3- Neuman Kuels test.
- 4- Correlation coefficient.

The results of study:

- 1- The first hypothesis result:
  - a- There are no significant differences in the cognitive motive among male-female students at the first grade of secondary stage.
  - b- There are no significant differences in the cognitive motive among male-female students at the first year faculty of education.
  - c- There are no significant differences in the cognitive motive among male-female students at the fourth year faculty of education.
- 2- The second hypothesis result:
  - a- There are no significant differences in the cognitive motive among the students at the secondary stage and faculty of education one.

- b- There are no significant differences in the cognitive motive among the students at the first year secondary stage and the students at the fourth year faculty of education.
  - c- There are no significant differences in the cognitive motive among the students at the first year faculty of education and other one at the fourth year.
- 3- The third hypothesis result:-
- a- These are significant differences in (0.01) the creative ability in (0.01) level among "male-female" students in the first year secondary school of the good of male.
  - b- There are no significant differences in the creative ability among "male-female" students in the first year faculty of education.
  - c- These are significant differences in the creative ability in 0.01 level among "male-female" students at the fourth year faculty of education.
- 4- Fourth hypothesis result:
- a- These are significant differences in the creative ability in (0.01) level among students of First year secondary school and students of first year faculty of education with the good of later one.

- b- There are significant differences in the creative ability in (0.01) level among students of first year secondary school and student's of fourth year faculty of education with the good of later one.
  - c- There are no significant differences in the creative ability among students of first year faculty of education and fourth year.
- 5- Fifth hypothesis result:
- a- There are significant relationship in (0.01) level between creative ability and cognitive motive at the first year secondary school.
  - b- There are significant relationship in 0.01 level between creative ability and cognitive motive at the first year faculty of education.
  - c- There are significant relationship in (0.01) level between creative ability and cognitive motive at the fourth year faculty of education.

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The Development of the Cognitive Motive  
and its Relation to The Creative Ability.

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January, 1987.