School mathematics in the chair mathematician logic elements in education from logical tests use

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Abstract

This in the article mathematician logic m bees solve for necessary was knowledge , rule, proof , law , theorem , definition , hypotheses analysis done Makes sense thinking of processes stages and makes sense from the tests samples given . Study in the process student to students makes sense thought to keep regularly by teaching to go them independent , free to think , search , har one to the matter creative approach , responsibility sense , scientific research their work take go , analyze do , scientific from the literature fruitful to use has been interests strengthen based on

Key words : mathematician logic rule , evidence , law , theorem , definition , hypothesis , logic tests , logical thinking of processes stages .

Modern socio-cultural in the circumstances the world education theory and in practice fast paces with developed and changed going societies for problems efficient solution to do capable , own independent to his opinion has , himself a person of activity different on the fronts expressive , unconventional   and to himself special intellectual-creative thinking to conduct , to the situation suitable operative decisions acceptance to do able creative persons necessity emphasized will be passed . Today's in the day creativity - XXI century citizen of creativity important criterion , his whole development set giver main of the factors is one

In our republic education system reform do , state and non-state education institutions and education and personnel preparation in the field competition environment formation basically education system consistent development , education and personnel preparation system in society done being increased update , advanced democratic legal state to build processes adaptation , personnel preparation system and content of the country social and economic progress perspectives , society needs , science, culture , technology and of technology modern achievements come came out without improvement according to certain affairs done increased

A now at the time education recipients creative-intellectual and spiritual and moral education in them creativity abilities development of this efficient form and styles work exit and to practice current to reach provider normative , material and technical and information base Create such as tasks set given

Today's in the day young people worthy prospect heirs , creator a person by doing to educate attention   focused on our country the future creative thinking of young people potential and talent development , modified education content , new technology and innovations search with depend

In particular , Uzbekistan Republic PQ-4708 of the President dated 07.05.2020 " Math in the field education quality increase and scientific research development measures about " gi in the

decision :

in the field the solution did not find series issues mathematics in the field education quality and scientific research efficiency to increase directed measures done increase necessity shown . Including :

First , mathematics of the doctrine education get stages between unity complete not provided ;

secondly , general education in their schools mathematics textbooks of students to his age relatively science mastering difficult complicated from issues consists of and another in the sciences passable topics with non-harmonization ;

thirdly , to mathematics curious , international Olympics winners was akasait talented our youth from the regions to be regardless their upcoming development for higher education and in the field of science necessary conditions by creating not given ;

fourth , mathematics in the field of scientific research practice and work release with dependence as weak as possible preserved staying ;

fifth , in the field of scientists foreign scientific and education institutions with connections national mathematics the world to scale take exit , international in the community authority increase for enough that it is not is emphasized .

Education all stages mathematics science teaching system more improvement of pedagogues efficient work support , research of work scope expand and practical importance increase , international community with connections strengthening in order to series priority directions set given

Today's in the day common medium education schools of teachers most , even somewhat to the experience have those that are , are high class mathematics to the textbook last in years added mathematician logic to the department about topics teaching with depends questions and to problems face they are coming

To these problems partially though answer to give and graduates competitiveness provide in order to Mathematics in teaching the role of logical tests about to thinking jazz we did

Logic includes the legal, necessary connections and relationships in the world, order and consistency, the internal connection of thinking, gradual thinking, logical connections between different views, and makes a person not indifferent to anything, meticulous it teaches to look, to make an impartial assessment of every event, to think regularly and consistently and to be able to prove any reasonable opinion. By thoroughly studying the laws of logic and developing the ability to think independently, it becomes easy to make the necessary conclusions for practical life, to understand the spirit of the times, and to analyze events truthfully.

Logical thinking begins with a person's ability to observe concrete evidence, draw general conclusions, determine the causes of events, and foresee the future.

Makes sense thinking processes as follows passes :

1. First of all solution to be done must has been problem identify is taken . Because problem if not man never thing about does not think To be resolved must has been issue solve for his essence full understand the terms of the issue analysis what to do given and what to find need about reasoning is conducted .

2. The issue solve for necessary has been knowledge (rule , evidence , law , theorem , distortion) to work is put

3. Hypothesis , that is assumptions to the middle is thrown from the assumptions the most that's right choose is taken .

4. Matter solved , the result will be checked .

Thinking issues solution , reasoning conduct through students in his worldview to himself special features improve , that is , think depth , breadth , sharpness , criticality , thinking speed and independence important important has

Intelligence complicated theoretical and practical problems solution only when not but person's very simple , usual in their daily work too manifestation will be Below one how many makes sense from the tests samples we bring

1. Five friends are talking about what day of the week it is today.

Anwar said, " The day before yesterday was Friday . "

Ghulam said, " The day after tomorrow will be Tuesday . "

Karim said, " Yesterday was Saturday . "

Babur said, " Tomorrow will be Monday . "

He said, "Today is Thursday. "

Which one is wrong?

(A) Anwar   (B) Ghulam   (C) Karim   (D) Babur   (E) To h ir

2. There are pentagons and hexagons on the table. How many pentagons are there on the table if they have 37 edges in total?

(A) 1   (B) 2   (C) 3   (D) 4   (E) 5

3. The first digit of a four- digit number is 5. If we put this number at the end of the number n , the number is 747 less than the previous number. Find the sum of the digits of this number.

(A) 12 (B) 14   (C) 16   (D) 18   (E) 20

4. One to the line There are 11 candies in each of the three containers . Karim is taking one candy from each container until the center container runs out of candy in the following order: left, center, right, center, left, center and so on. Some container overflows with more candy. how much

(A) 1   (B) 2   (C) 5   (D) 6   (E) 11

5 . The number of points on the arbitrary opposite side of the cube is equal to 7. Brave made a column by gluing 6 similar cubes and counted the common points on the surface of this object. What is the largest number it can produce?

(A) 106   (B) 96   (C) 95   (D) 91   (E) 84

6. How many three-digit numbers are there whose sum is 4?

(A) 10 (B) 9   (C) 8   (D) 7   (E) 6

7 . Students are discussing the test task.

Laila right the answer is A or D.

Otabek right the answer is B or E.

Silver A , B , and C are incorrect answers said .

Farkhod right the answer is A

Sweet while all of you error you are doing said .

If every one of the student confirmation error if so , which one answer right ?

(A) A   (B) B   (C) C   (D) D   (E) E

8 . Using cards numbered 1, 2, 3, 4, 5, 6, it is possible to form two three-digit numbers, for example, 645 and 321. Karim used these cards to form two three-digit numbers such that the difference between them was the smallest . How much is this difference?

(A) 89 (B) 69   (C) 56   (D) 47   (E) 38

Teaching in the process student to students makes sense thought to keep regularly by teaching to go them independent , free to think , search , har one to the matter creative approach , responsibility sense , scientific research their work take go , analyze do , scientific from the

literature fruitful to use , eng the main thing is to study , science , pedagogue and himself chose to the profession has been interests strengthens

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