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3	4	5	6	7	8	9	2	3	4	5	6	7	8
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24	25	26	27	28	29		23	24	25	26	27	28	29

What is research?

- It is a systematic and logical procedure in order to get answers of certain questions.

- It is a 'disciplined way' of coming to know more about ourselves and our world.

- Research is very systematic, organised and structured. Knowledge based on research more likely to be true and has fewer potential errors.

- Research is a scientific and systematic search for pertinent information on a specific topic.

- A research always begins with a question or a problem. Its purpose is to find answers to questions through the application of systematic and scientific methods.

Thus, research is the systematic approach towards purposeful investigation. This needs formulating a hypothesis, collection of data on relevant variables, analyzing and interpreting the results and reaching conclusions.

JANUARY • FRIDAY

03 2020

003-363 • WK 01

DECEMBER 2019						
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JANUARY 2020						
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either in the form of a solution or certain generalizations.

- Research is an academic activity and a systematized effort to gain new knowledge.

9.00

10.00

11.00

12.00

1.00

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3.00

4.00

5.00

6.00

Eg of research - I might have a question - who is more responsible - younger sibling or elder sibling. This is a ques. In order to get an answer for this ques, we do research. We will try to study a number of younger and older siblings to see who behaves in a more responsible manner. After a successful research I will get an answer.

JANUARY 2020						
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MARCH 2020						
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What are concepts?

- Concepts are empirical abstractions to classify natural phenomenon.
- Eg - From birth we begin to structure impression about the world around us in the form of concepts, such as mother, father, food, each of which implies a complex set of recognition and expectation.
- A concept is an abstract idea representing the fundamental characteristics of what it represents.

Concepts arise as abstractions or generalizations from experience or the result of a transformation of existing ideas.

The concept is instantiated, realized by all of its actual or potential instances whether these are things in the real world or other ideas.

~~eg -~~ ~~brother~~, ~~squid~~, ~~science~~
~~idea~~, ~~concept~~ →

Concepts are created and named to describe, explain and capture reality as it is known and understood.

20 2020

020-346 • WK 04

DECEMBER 2019

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JANUARY 2020

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9.00 In simplest terms, a concept is a name or label that regards, or treats an abstraction as if it had concrete or material existence, such as a person, a place or a thing.

11.00 It may represent the natural objects that exist in the real world like a tree or an animal, etc.

12.00 It may also mean an artificial man-made object like a chair, computer, etc.

1.00 It may also mean abstract ideas and knowledge domain such as freedom, equality, science, etc.

2.00 ~~It~~ It is important to realize that a concept is merely a symbol, a representation of the abstraction. The word is not to be mistaken for the thing. For example, the word 'moon' is a concept. As a concept it is not the large bright shape changing object in the night sky. It only represents the celestial object.