

GST105 EXAM Q&A

<p>Which of the following is not a correct definition of science?</p>

A group of learned experts

<p> </p><p>Which of these is not scientific body of knowledge?</p>

Arts

<p>What are the two branches of science?</p>

Formal and empirical science

<p> </p><p>Scientific method does not include which of the following?</p>

Manufacturing

<p>Which of the following is an appropriate concern of empirical science?</p>

Material Things

<p>Which of these is not an example of social science?</p>

History

<p> </p><p>Which of these is an example of formal science?</p>

Mathematics

<p>Give an example of objects that cannot be perceived by the senses.</p>

Angels

<p>The fact that scientific claims can be verified by others adopting the same method is proof of what in science?</p>

Objectivity

<p>Which of these is not a type of scientific observation?</p>

Octagonal observation

<p>“Why is the weather hot today instead of cold?” is an example of what in scientific steps</p>

Definition of problem

<p>Which step of the scientific method is concerned with guessing?</p>

Hypothesis formulation

<p>What is the mark of a good theory?</p>

Its predictive value

<p>Who disproved the theory of spontaneous generation?</p>

Louis Pasteur

<p>___ science has deductive character</p>

Formal

<p>Which of these is true of theory?</p>

It can become obsolete

<p>How many days does it take the earth to complete one revolution around the sun?</p>

365

<p>Which of these is not a manifestation of man's creative capacity?</p>

Procreation

<p>Which of these is not a factor in the development of man from apelike creature?</p>

Development of sex organs

<p>Falsifiability as a scientific attitude is credited to ____ </p>
Karl Popper
<p>Which of these is not an example of science in application?</p>
Mathematics
<p>Which of the following consists of man's earliest natural tools?</p>
Hands and teeth
<p>Which of these is not among the spirit of inquiry?</p>
Pursuit of wealth
<p>From who did the Islamic scholars borrow the idea of Zero?</p>
Hindu Mathematicians
<p>Fire was discovered during which age?</p>
Stone age
<p>The traditional explanation of reality does not involve which of these?</p>
Causality
<p>Who first propounded the theory of universal gravitation?</p>
Isaac Newton
<p>Which of these is not among the great groups of organisms?</p>
Insects
<p>Which of these is the naturalist who independently arrived at theory of evolution at the same time with Darwin?</p>
Alfred Wallace
<p>Which of the following is not a rule of Mathematics?</p>
Triangulation
<p>_____ branch of science studies objects and phenomena which can be observed through any of the senses</p>
ANS Empirical science
<p>The religious centres of Kingdom of Egypt were administered by who?</p>
ANS Priest-scholars
<p>In which country was the lunar calendar invented?</p>
ANS Egypt
<p>Who pioneered the division of day into hour?</p>
ANS Babylonians
<p>To whom do we attribute the critical tradition of medicine?</p>
ANS Anaximander
<p>The branch of science concerned with rules and theories is known as _____ science</p>
ANS Formal
<p>Scientific observations are undertaken with the aid of human _____ </p>
ANS Senses
<p>The first step in pursuit of scientific knowledge is _____ </p>
ANS Observation
<p>_____ is regarded as the hardest part of the scientific method</p>

ANS Experimentation
<p>Theories that have proved to be universally valid and have a high degree of probability are called _____ </p>
ANS Natural Laws
<p>The ancient Egyptians believed that rats came from _____ </p>
ANS Garbage
<p>Another name for doctrine of fixed species is _____ </p>
ANS Creationism
<p>The remains or body impressions of dead organisms that lived in the past is called _____ </p>
ANS Fossils
<p>The carriers of hereditary materials in living organisms are called _____ </p>
ANS Chromosomes
<p>African traditionalists trace the origin of man to the theory of _____ </p>
ANS Creationism
<p>_____ is defined as the science of the meaning of words </p>
ANS Semantics
<p> </p><p>Another name for basic science is _____ </p>
ANS Pure science
<p>Among ancient Africans the _____ of Mali were reputed for their vast knowledge of astronomy </p>
ANS Dogo
<p> </p><p>_____ is the author of "Elements of Geometry"? </p>
ANS Euclid
<p>Democritus believed that everything is achieved by combination of _____ </p>
ANS Atoms
<p>_____ introduced inductive reasoning to scientific and philosophical discourses </p>
ANS Socrates
<p>The Babylonian unit of length was _____ </p>
ANS Finger
<p>The Greek father of modern medicine is _____ </p>
ANS Hippocrates
<p>Love of wisdom is said to be the etymological meaning of _____ </p>
ANS Philosophy
<p>In scientific method hypothesis is tested during _____ </p>
ANS Experimentation
<p> </p><p>The Latin word for knowledge is _____ </p>
ANS Scientia
<p>Subtraction, addition, multiplication, etc are rules of _____ </p>
ANS Mathematics
<p> </p><p>The doctrine that each species of living things was created by God is called _____ </p>
ANS Creationism

<p> </p><p>The explanation that individuals with superior physical or behavioural attributes might have an edge in survival battle is known as _____ </p>
ANS Natural selection
<p> </p><p>Induction is rested on a scientific law known as the _____ </p>
ANS Law of uniformity of nature
<p> </p><p>The force which pulls every object in the universe toward every other object in the universe is called _____ </p>
ANS Gravitation
<p> _____ is the name which the ancient Greeks gave the Egyptian greatest physician of the ancient time </p>
ANS God of medicine
<p>The Babylonian gods lived in _____ </p>
ANS Heaven
<p>The type of writing invented by ancient Egyptians is called _____ </p>
ANS Hieroglyphics
<p> _____ is often referred as the father of western philosophy </p>
ANS Thales
<p>The Pythagorean theory is named after _____ </p>
ANS Pythagoras
<p>The atomic theory was invented by _____ </p>
ANS Leucipus
<p>Aquinas regraded _____ as the source of all knowledge </p>
ANS God
<p>Einstein held that the only absolute unchanging quantity in the universe was _____ </p>
ANS Speed of light
<p>The only single surviving species of hominids is the _____ </p>
Homo sapiens

