

Default for GST105

The default category for questions shared in context 'GST105'.

Fill in the Blank (FBQs)

FBQ1

A grouping of subjects like Chemistry, physics, biology, mathematics, is used to define science as a_____

Body of knowledge

1.00000000

0.00000000

FBQ2

While empirical science makes use of the scientific method, formal science does not. TRUE OR FALSE.

FALSE

1.00000000

0.00000000

0.00000000

FBQ3

Mathematics is an example of _____ science

Formal

1.00000000

0.00000000

FBQ4

"M" stands for _____ in BODMAS

Multiplication

1.00000000

0.00000000

FBQ5

Empirical science employs such instruments as microscope, ruler, tape and scale. TRUE OR FALSE

True

1.00000000

0.00000000

FBQ6

_____ is the name given to an explanation about the cause or causes of a broad range of related phenomena

Theory

1.00000000

0.00000000

FBQ7

_____ is the general name given to such belief as held by the ancient Egyptian that rats originated from garbage

Spontaneous generation

1.00000000

0.00000000

FBQ8

_____ is regarded as the science of inheritance

Genetics

1.00000000

0.0000000

FBQ9

Laws of nature exists simply because natural phenomena are_____ in character

Uniform

1.0000000

0.0000000

FBQ10

The force which the earth possesses which draws objects towards it is regarded as _____force

Gravitational

1.0000000

0.0000000

FBQ11

The discipline we today call science was once part of another discipline from which it separated. _____ is the name of that discipline

Philosophy

1.0000000

0.0000000

FBQ12

The three religious centres of ancient Egypt were administered by_____

Priest-scholars

1.0000000

Priest – scholars

1.0000000

FBQ13

Egyptian study of heavens, the stars and weather led to the emergence of ____ as a discipline

Astronomy

1.0000000

0.0000000

FBQ14

_____ is the name of the Egyptian Black founder of medicine

Imhotep

1.0000000

0.0000000

FBQ15

Democritus believed that everything is achieved by combination of_____

Atoms

1.0000000

0.0000000

FBQ16

_____ is regarded as the first woman philosopher

Hypathia

1.0000000

0.0000000

0.0000000

FBQ17

The Babylonian unit of length was_____

Finger

1.0000000

0.0000000

FBQ18

The Homo habilis evolved into the _____

Homo erectus

1.0000000

0.0000000

FBQ19

Love of wisdom is said to be the etymological meaning of_____

Philosophy

1.0000000

0.0000000

0.0000000

FBQ20

In scientific method hypothesis is tested during _____

Experimentation

1.0000000

0.0000000

FBQ21

The Latin word for knowledge is _____

Scientia

1.0000000

0.0000000

FBQ22

Subtraction, addition, multiplication, etc are rules of _____

Mathematics

1.0000000

0.0000000

FBQ23

The doctrine that each species of living things was created by God is called_____

Creationism

1.0000000

0.0000000

FBQ24

The explanation that individuals with superior physical or behavioural attributes might have an edge in survival battle is known as_____

Natural selection

1.0000000

0.0000000

FBQ25

Induction is rested on a scientific law known as the_____

Law of uniformity of nature

1.00000000

0.00000000

0.00000000

FBQ26

The force which pulls every object in the universe toward every other object in the universe is called_____

Gravitation

1.00000000

0.00000000

0.00000000

FBQ27

_____ is the name which the ancient Greeks gave the Egyptian greatest physician of the ancient time

God of medicine

1.00000000

0.00000000

FBQ28

The Babylonian gods lived in_____

Heaven

1.00000000

0.00000000

FBQ29

The type of writing invented by ancient Egyptians is called _____

Hieroglyphics

1.00000000

0.00000000

FBQ30

_____ is often referred as the father of western philosophy

Thales

1.00000000

0.00000000

0.00000000

FBQ31

The Pythagorean theory is named after _____

Pythagoras

1.00000000

0.00000000

FBQ32

The atomic theory was invented by_____

Leucipus

1.00000000

0.00000000

FBQ33

Aquinas regraded _____as the source of all knowledge

God

1.00000000

0.00000000

FBQ34

Einstein held that the only absolute unchanging quantity in the universe was

Speed of light

1.00000000

0.00000000

FBQ35

The only single surviving species of hominids is the_____

Homo sapiens

1.00000000

0.00000000

0.00000000

Multiple Choice Questions (MCQs)

MCQ1

Which of the following is not a definition of science?

A body of knowledge

0.00000000

A method for acquiring knowledge

0.00000000

An institution

0.00000000

Productive industries

1.00000000

MCQ 2

Which of the following is not a branch of mathematics?

Geometry

0.00000000

Algebra

0.00000000

Statistics

1.00000000

Arithmetic

0.00000000

MCQ 3

Why do you call the branch of science that is concerned with rules?

Formal science

1.00000000

Empirical science

0.00000000

Observational science

0.00000000

Abstract science

0.00000000

MCQ 4

My guess that the antiretroviral drugs used in the treatment of HIV patients can also be deployed successfully in the treatment of cancer is called what in the chain of scientific method?

Observation

0.00000000

Hypothesis formulation

1.00000000

Theory Formulation

0.00000000

Conclusion

0.00000000

MCQ 5

Identify the object that is not a subject of empirical science.

Owl

0.00000000

Weather

0.00000000

Nail

0.00000000

Witchcraft

1.00000000

MCQ 6

What do scientists need to do to advance the course of science?

Cooperate among themselves

1.00000000

Work privately in their labs

0.00000000

Isolate themselves in the mountains

0.00000000

Pray to God for breakthroughs

0.00000000

MCQ 7

The aims of science do not include one of the following. Identify the odd one

Imbue scientists with political powers

1.00000000

Enable man to explain the world

0.00000000

Helps scientist to predict the behaviour of phenomenon

0.00000000

Assist scientist to control behaviour of phenomenon

0.00000000

MCQ 8

Which of these is not a characteristic of non-science?

Measurability

1.00000000

Unverifiability

0.00000000

Subjectivity

0.00000000

Unquantifiability

0.00000000

MCQ 9

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

Independent Variable

0.00000000

Coherency

0.00000000

Supremachy

0.00000000

Objectivity

1.00000000

MCQ 10

The scientific term given to assumed answer to scientific questions is called

Observation

0.00000000

Experimentation

0.00000000

Result

0.00000000

Hypothesis

1.00000000

MCQ 11

Experimentation is by far the hardest part of the scientific method because there are _____

Procedures to follow

0.00000000

No rules to follow

1.00000000

Limited rules to follow

0.00000000

Rigid procedures to follow

0.00000000

MCQ 12

Theories are not open to which of the following?

Immediate acceptance

1.00000000

Revision

0.00000000

Tentative acceptance

0.00000000

Rejection

0.00000000

MCQ 13

What is the mark of a good theory?

Its predictive value

1.00000000

Its classificatory function

0.00000000

Calculation

0.00000000

observation

0.00000000

MCQ 14

Theories cannot take the form of which of these?

Equations

0.00000000

Statistical Formulation

0.00000000

Proverbs

1.00000000

Diagrams

0.00000000

MCQ 15

What is the character of a good theory?

It must have a predictive value

1.00000000

It must be empirical in nature

0.00000000

It must be true always

0.00000000

It must never be disproved

0.00000000

MCQ 16

Which of these believed that each organism was fashioned by God?

Theologians

1.00000000
Evolutionists

0.00000000
Spontanists

0.00000000
Calvinists

0.00000000
MCQ 17
On what Law does induction as a scientific method rest?

Law of gravity

0.00000000
Law of uniformity of nature

1.00000000
Law of spontaneous generation

0.00000000
Law of evolution

0.00000000
MCQ 18
What happens to a stone when it is shot out of the earth?

Its weight decreases

1.00000000
Its weight increases

0.00000000
Its speed increases

0.00000000
It changes colour

0.00000000
MCQ 19
The man who studied plants and animals during the ancient Egyptian era was likely to be regarded as a what?

Animists

0.00000000
Agriculturalist

0.00000000
Philosopher

1.00000000
Farmer

0.00000000
MCQ 20
Which of these is not among the three religious centres of the ancient Egypt?

Memphis

0.00000000
Heliopolis

0.0000000

Cairo

1.0000000

Thebes

0.0000000

MCQ 21

What is regarded as the origin of Greek Philosophy?

Athenian philosophy

0.0000000

Italian philosophy

0.0000000

Western philosophy

0.0000000

Egyptian philosophy

1.0000000

MCQ 22

What did Thales regard as the source of all things?

Water

1.0000000

Fire

0.0000000

Sand

0.0000000

Stones

0.0000000

MCQ 23

Which of these is not among the questions that interest philosophy of science?

What is science?

0.0000000

What are the aims of science?

0.0000000

Who is the most prominent scientist alive?

1.0000000

How does science differ from other forms of knowledge

0.0000000

MCQ 24

From who did the Islamic scholars borrow the idea of Zero?

English Monks

0.0000000

Hindu Mathematicians

1.0000000

Ancient Phoenicians

0.0000000

Imperial Romans

0.00000000

MCQ 25

Which of these is not among the shared characteristics between philosophy and science?

They are both critical

0.00000000

They are both transcendental

1.00000000

They both show curiosity to know

0.00000000

They both search for systematic knowledge

0.00000000

MCQ 26

The traditional explanation of reality does not involve which of these?

Superstition

0.00000000

Meditation

0.00000000

Speculation

0.00000000

Causality

1.00000000

MCQ 27

Who first propounded the theory of universal gravitation?

Benjamin Isaac

0.00000000

William Ocham

0.00000000

Galileo Galilee

0.00000000

Isaac Newton

1.00000000

MCQ 28

Which of these is not among the great groups of organisms?

Insects

1.00000000

Mammals

0.00000000

Fishes

0.00000000

Reptiles

0.00000000

MCQ 29

Which of these is the naturalist who independently arrived at theory of evolution at the same time with Darwin?

T. M. Beagle

0.00000000

Thomas Malthus

0.00000000

Alfred Wallace

1.00000000

Bertrand Russell

0.00000000

MCQ 30

Which of the following is not a rule of Mathematics?

Subtraction

0.00000000

Addition

0.00000000

Multiplication

0.00000000

Triangulation

1.00000000

MCQ 31

_____branch of science studies objects and phenomena which can be observed through any of the senses

Ontological science

0.00000000

Epistemological science

0.00000000

Empirical science

1.00000000

Intuitive science

0.00000000

MCQ 32

The religious centres of Kingdom of Egypt were administered by who?

Philosophers

0.00000000

Priest-scholars

1.00000000

Monks

0.00000000

scientists

0.00000000

MCQ 33

In which country was the lunar calendar invented?

China

0.00000000

Ghana

0.00000000

Egypt

1.00000000

Britain

0.00000000

MCQ 34

Who pioneered the division of day into hour?

Africans

0.00000000

Babylonians

1.00000000

Americans

0.00000000

Greece

0.00000000

MCQ 35

To whom do we attribute the critical tradition of medicine?

Thales

0.00000000

Anaximander

1.00000000

Euclid

0.00000000

Pythagoras

0.00000000