

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\*

1.0000000

0.0000000

FBQ2

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

TRUE OR FALSE.

\*FALSE\*

1.0000000

0.0000000

0.0000000

FBQ3

Mathematics is an example of \_\_\_\_\_ science

\*Formal\*

1.0000000

0.0000000

FBQ4

âœM stands for \_\_\_\_\_ in BODMAS

\*Multiplication\*

1.0000000

0.0000000

FBQ5

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

TRUE OR FALSE

\*True\*

1.0000000

0.0000000

FBQ6

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

\*Theory\*

1.0000000

0.0000000

FBQ7

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

\*Spontaneous generation\*

1.0000000

0.0000000

FBQ8

\_\_\_\_\_ is regarded as the science of inheritance

\*Genetics\*

1.0000000

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\*

1.0000000

0.0000000

0.0000000

FBQ26

The force which pulls every object in the universe toward every other object in the universe is called\_\_\_\_\_

\*Gravitation\*

1.0000000

0.0000000

0.0000000

FBQ27

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

\*God of medicine\*

1.0000000

0.0000000

FBQ28

The Babylonian gods lived in\_\_\_\_\_

\*Heaven\*

1.0000000

0.0000000

FBQ29

The type of writing invented by ancient Egyptians is called \_\_\_\_\_

\*Hieroglyphics\*

1.0000000

0.0000000

FBQ30

\_\_\_\_\_ is often referred as the father of western philosophy

\*Thales\*

1.0000000

0.0000000

0.0000000

FBQ31

The Pythagorean theory is named after \_\_\_\_\_

\*Pythagoras\*

1.0000000

0.0000000

FBQ32

The atomic theory was invented by\_\_\_\_\_

\*Leucipus\*

1.0000000

0.0000000

FBQ33

Aquinas regraded \_\_\_\_\_as the source of all knowledge

\*God\*

1.0000000

0.0000000

FBQ34

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

\*Speed of light\*

1.0000000

0.0000000

FBQ35

The only single surviving species of hominids is the\_\_\_\_\_

\*Homo sapiens\*

1.0000000

0.0000000

0.0000000

Multiple Choice Questions (MCQs)

MCQ1

Which of the following is not a definition of science?

A body of knowledge

0.0000000

A method for acquiring knowledge

0.0000000

An institution

0.0000000

Productive industries

1.0000000

MCQ 2

Which of the following is not a branch of mathematics?

Geometry

0.0000000

Algebra

0.0000000

Statistics

1.0000000

Arithmetic

0.0000000

MCQ 3

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

Formal science

1.0000000

Empirical science

0.0000000

Observational science

0.0000000

Abstract science

0.0000000

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

0.0000000

Hypothesis formulation

1.0000000

Theory Formulation

0.0000000

Conclusion

0.0000000

MCQ 5

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

Owl

0.0000000

Weather

0.0000000

Nail

0.0000000

Witchcraft

1.0000000

MCQ 6

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

Cooperate among themselves

1.0000000

Work privately in their labs

0.0000000

Isolate themselves in the mountains

0.0000000

Pray to God for breakthroughs

0.0000000

MCQ 7

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

Imbue scientists with political powers

1.0000000

Enable man to explain the world

0.0000000

Helps scientist to predict the behaviour of phenomenon

0.0000000

Assist scientist to control behaviour of phenomenon

0.0000000

MCQ 8

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

Measurability

1.0000000

Unverifiability

0.0000000



Subjectivity

0.0000000

Unquantifiability

0.0000000

MCQ 9

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

Independent Variable

0.0000000

Coherency

0.0000000

Supremachy

0.0000000

Objectivity

1.0000000

MCQ 10

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

Observation

0.0000000

Experimentation

0.0000000

Result

0.0000000

Hypothesis

1.0000000

MCQ 11

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

Procedures to follow

0.0000000

No rules to follow

1.0000000

Limited rules to follow

0.0000000

Rigid procedures to follow

0.0000000

MCQ 12

Theories are not open to which of the following?

Immediate acceptance

1.0000000

Revision

0.0000000

Tentative acceptance

0.0000000

Rejection

0.0000000

MCQ 13

What is the mark of a good theory?

Its predictive value

1.0000000

Its classificatory function

0.0000000

Calculation

0.0000000

observation

0.0000000

MCQ 14

Theories cannot take the form of which of these?

Equations

0.0000000

Statistical Formulation

0.0000000

Proverbs

1.0000000

Diagrams

0.0000000

MCQ 15

What is the character of a good theory?

It must have a predictive value

1.0000000

It must be empirical in nature

0.0000000

It must be true always

0.0000000

It must never be disproved

0.0000000

MCQ 16

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

Theologians

1.0000000

Evolutionists

0.0000000

Spontanists

0.0000000

Calvinists

0.0000000

MCQ 17

On what Law does induction as a scientific method rest?

Law of gravity

0.0000000

Law of uniformity of nature

1.0000000

Law of spontaneous generation

0.0000000

Law of evolution

0.0000000

MCQ 18

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

Its weight decreases

1.0000000

Its weight increases

0.0000000

Its speed increases

0.0000000

It changes colour

0.0000000

MCQ 19

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

Animists

0.0000000

Agriculturalist

0.0000000

Philosopher

1.0000000

Farmer

0.0000000

MCQ 20

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

Memphis

0.0000000

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

0.0000000

MCQ 25

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

They are both critical

0.0000000

They are both transcendental

1.0000000

They both show curiosity to know

0.0000000

They both search for systematic knowledge

0.0000000

MCQ 26

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

Superstition

0.0000000

Meditation

0.0000000

Speculation

0.0000000

Causality

1.0000000

MCQ 27

Who first propounded the theory of universal gravitation?

Benjamin Isaac

0.0000000

William Ocham

0.0000000

Galileo Galilee

0.0000000

Isaac Newton

1.0000000

MCQ 28

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

Insects

1.0000000

Mammals

0.0000000

Fishes

0.0000000

Reptiles

0.0000000

MCQ 29

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

T. M. Beagle

0.0000000

Thomas Malthus

0.0000000

Alfred Wallace

1.0000000

Bertrand Russell

0.0000000

MCQ 30

Which of the following is not a rule of Mathematics?

Subtraction

0.0000000

Addition

0.0000000

Multiplication

0.0000000

Triangulation

1.0000000

MCQ 31

\_\_\_\_\_branch of science studies objects and phenomena which can be

observed through any of the senses

Ontological science

0.0000000

Epistemological science

0.0000000

Empirical science

1.0000000

Intuitive science

0.0000000

MCQ 32

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

Philosophers

0.0000000

Priest-scholars

1.0000000

Monks

0.0000000

scientists

0.0000000

MCQ 33

In which country was the lunar calendar invented?

China

0.0000000

Ghana

0.0000000

Egypt

1.0000000

Britain

0.0000000

MCQ 34

Who pioneered the division of day into hour?

Africans



0.0000000  
Babylonians

1.0000000  
Americans

0.0000000  
Greece

0.0000000  
MCQ 35  
To whom do we attribute the critical tradition of medicine?

Thales

0.0000000  
Anaximander

1.0000000  
Euclid

0.0000000  
Pythagoras

0.0000000