

gst105 List of Questions

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Q1 There are ____ chromosones within the nucleus of a productive cell

- ☐ 20
- ☐ 39
- ☒ 46
- ☐ 40

Q2 All living beings are said to compose of ____

- ☐ nose
- ☒ cells
- ☐ legs
- ☐ DNA

Q3 ____ distinguishes him from other living things

- ☒ Capacty create
- ☐ Ability to stand on two legs
- ☐ ability to breathe
- ☐ ability to walk

Q4 The first known hominids were the ____

- ☐ Brirtish gorillas
- ☒ Southern apes
- ☐ African Cicygus
- ☐ Asian blaba

Q5 The use of language first evolved among ____

- ☒ homo habilis
- ☐ homo erectus
- ☐ homo sapiens
- ☐ homo incredata

Q6 The evolutionists believe that man evolved directly from ____

- ☐ woman
- ☒ apes
- ☐ God
- ☐ fishes

Q7 Current evolutionists put forward the belief that man and primates originated from ____

- ☐ Europe
- ☐ Australia
- ☒ Africa
- ☐ Asia Minor

Q8 Scientists who try to prove the theory of evolution rely heavily on ____

- ☒ fossils
- ☐ gene mutation
- ☐ DNA
- ☐ Racial variation

Q9 The belief that God created the universe is called ____

- ☐ miracle
- ☐ divine intervention
- ☐ genesis
- ☒ creationism

Q10 ____ type of logic is also regarded as Baconian logic

- ☐ deductive
- ☐ syllogism
- ☒ inductive
- ☐ categorical imperative

Q11 Branches of philosophy do not include ____

- ☐ ethics
- ☐ metaphysics
- ☐ logic
- ☒ science

Q12 The beleief in a existence of external reality independent of our belief or knowledge of it is called ____

- ☐ universality
- ☐ systematic
- ☐ relativity
- ☒ objectivity

Q13 Which of these is not a characteristic of scientific knowledge?

- ☐ universality
- ☐ systematic
- ☒ relativity
- ☐ objectivity

Q14 ____ is not among the similarities between science and philosophy

- ☐ both are critical

- ☐ both employ empirical method of investigation
- ☐ both are in search of systematic knowledge
- ☐ both exhibit curiosity to know

Q15 Which of these is not among the commitment of British Society for Social Responsibility in Science?

- ☐ make scientists aware of social significance of science
- ☐ make them aware of their social responsibility
- ☐ make them aware of the need to bridge science gap among countries
- ☐ help create an informed public that can exercise a choice in scientific matters

Q16 Scientists and Engineers for Social and Political Action was formed in __

- ☐ 1969
- ☐ 1949
- ☐ 1959
- ☐ 1979

Q17 Technological progress is not responsible for ____

- ☐ increase in population
- ☐ purification of air
- ☐ water pollution
- ☐ poverty

Q18 We owe the discovery of electricity to ____

- ☐ Faraday
- ☐ Newton
- ☐ Bacon
- ☐ Copernicus

Q19 ____ is not method of technology acquisition

- ☐ poached technology
- ☐ technology transfer
- ☐ adaptation technology
- ☐ apprenticed technology

Q20 The discovery of ____ is the most important discovery of stone age

- ☐ stone
- ☐ fire
- ☐ cloth
- ☐ numbers

Q21 Man's technical progress is governed by __ and ____

- ☐ demand and supply
- ☐ science and technology
- ☐ trade and industry
- ☐ discovery and invention

Q22 ____ drives scientific inventions

- ☐ wealth
- ☐ patent
- ☐ copyright
- ☐ curiosity

Q23 The advantage of email over regular mail is ____

- ☐ speed
- ☐ international reach
- ☐ legibility of message
- ☐ computer literacy

Q24 ____ was the first person to fly into the space

- ☐ Albert Einstein
- ☐ Yuri Gagarin
- ☐ Joseph Shevchenko
- ☐ Abraham Alimatheia

Q25 The aeroplane is an example of invention of the __ century

- ☐ 20th
- ☐ 30th
- ☐ 21st
- ☐ 19th

Q26 Genetic engineering emerged in the ____

- ☐ 1970s
- ☐ 1980s
- ☐ 1990s
- ☐ 1960s

Q27 The basic unit of heredity is called ____

- ☐ family tree
- ☐ chromosomes
- ☐ gene
- ☐ embryo

Q28 The first man to walk on the moon with his partner was ____

- ☐ Armstrong

- ☐ Einstein
- ☐ Neibur
- ☐ Gagalin

Q29 ____ was the number of scientists able to understand the relativity theory of Albert Einstein

- ☐ 10
- ☐ 5
- ☒ 12
- ☐ 7

Q30 Wilhelm Röntgen discovered the ____

- ☐ bomb
- ☒ xrays
- ☐ cells
- ☐ photography

Q31 ____ confirmed that atoms and molecules were the building blocs of matter

- ☐ Newton
- ☐ Gabriel
- ☒ Dalton
- ☐ Da Vinci

Q32 We credit the invention of telescope to ____

- ☐ Ptolemy
- ☐ Albert the Great
- ☒ Galileo
- ☐ Copernicus

Q33 The idea that the sun is the centre of the universe was first held by ____

- ☐ Ptolemy
- ☐ Albert the Great
- ☐ Galileo
- ☒ Copernicus

Q34 The author of "Al Magest" is ____

- ☐ Aquinas
- ☐ Euclid
- ☐ Anselm
- ☒ Ptolemy

Q35 Leonardo da Vinci held that true knowledge must begin with ____

- ☐ God
- ☐ ancient positions
- ☒ observation
- ☐ speculation

Q36 Renaissance means ____

- ☒ rebirth
- ☐ protestant
- ☐ discovery
- ☐ imagination

Q37 The ____ were responsible for te development of primitive alchemy into modern Chemistry

- ☐ Greeks
- ☒ Arabs
- ☐ Romans
- ☐ Africans

Q38 The dark age of history was marked by ____

- ☒ halt in the advancement of knowledge
- ☐ cannibalism
- ☐ idolatry
- ☐ primitive colonialism

Q39 The fixing of leap year to any year whose number is exactly divisible by four is attributed to ____

- ☐ Karl Marx
- ☐ Hegelianism
- ☐ Julius Caesar
- ☒ Pope Gregory III

Q40 Greek science was more __ and ____

- ☐ secular and atheistic
- ☒ speculative and theoretical
- ☐ experimental and practical
- ☐ observational and practical

Q41 __ is regarded as the most accomplished of Plato's pupils

- ☐ Socrates
- ☐ Anaximenes
- ☒ Aristotle
- ☐ Pericle

Q42 __ formulated the idea of negative numbers

- ☐ Socrates

- ☐ Aristotle
- ☐ Plato
- ☐ Engel

Q43 The practice of definition in scientific discourse is owed to ____

- ☐ Socrates
- ☐ Aristotle
- ☐ Plato
- ☐ Engel

Q44 According to Democritus, separation of atoms leads to ____

- ☐ growth
- ☐ death
- ☐ suffering
- ☐ diseases

Q45 ____ first advanced the principle of change as a universal law

- ☐ Heraclitus
- ☐ Pythagoras
- ☐ Aristotle
- ☐ Euclid

Q46 ____ believed that the universe is composed of numbers

- ☐ Heraclitus
- ☐ Pythagoras
- ☐ Aristotle
- ☐ Euclid

Q47 Thales regarded ____ as the source of all things

- ☐ gods
- ☐ science
- ☐ religion and atheism
- ☐ water

Q48 The world's first woman philosopher is ____

- ☐ Hypathia
- ☐ Victoria
- ☐ Euclid
- ☐ Hannah Arendt

Q49 God of medicine is the name given by the Greeks to ____

- ☐ Ptah-Hotep
- ☐ Hippocrates
- ☐ Ipuwar
- ☐ Imhotep

Q50 Ptah-Hotep is reputed the world's first ____

- ☐ scientist
- ☐ musician
- ☐ philosopher
- ☐ physician

Q51 The Egyptians and the Babylonians regarded all knowledge as ____

- ☐ fruit of study
- ☐ product of consistency and hard work
- ☐ revelation from the gods
- ☐ workable solutions to human problems

Q52 The Babylonians divided the circle into ____ degrees

- ☐ 360
- ☐ 180
- ☐ 90
- ☐ 45

Q53 The two great rivers of the ancient Babylonians were ____ and ____

- ☐ Tigris and Nile
- ☐ Mississippi and Euphrates
- ☐ Nile and Niger
- ☐ Tigris and Euphrates

Q54 In Babylonian system of measurement one cubit consisted of ____

- ☐ 50 fingers
- ☐ 40 fingers
- ☐ 30 fingers
- ☐ 20 fingers

Q55 The Babylonians engaged in astronomy in order to ____

- ☐ control natural forces
- ☐ subdue the earth
- ☐ pacify the gods
- ☐ have bountiful harvests

Q56 The greatest physician of the ancient time is an Egyptian known as ____

- ☐ Imhotep

- ☐ Lycugus
- ☐ Midas
- ☐ Hipocrates

Q57 Astronomy has its origin in ____

- ☐ Greece
- ☐ Egypt
- ☐ Babylon
- ☐ Mesopotamia

Q58 ____ is not among the religious centres of ancient kingdom of Egypt

- ☐ Miletus
- ☐ Memphis
- ☐ Thebes
- ☐ Heliopolis

Q59 Love of wisdom is etymological meaning of ____

- ☐ education
- ☐ history
- ☐ science
- ☐ philosophy

Q60 Philos, the Greek word that is a component of the term philosophy means ____

- ☐ knowledge
- ☐ love
- ☐ wisdom
- ☐ prudence

Q61 Science is said to have its origin in the __ age

- ☐ Paleonthic
- ☐ Communalistic
- ☐ Neolithic
- ☐ Greco-Roman

Q62 We trace the origin of science to __ and __

- ☐ Athenians and Romans
- ☐ Americans and British
- ☐ Russians and Ethiopians
- ☐ Egyptians and Babylonians

Q63 The theory of relativity was formulated by ____

- ☐ Einstein
- ☐ Newton
- ☐ Marx
- ☐ Quinne

Q64 The theory of universal gravitation was intended to explain the phenomenon of ____

- ☐ steam engines
- ☐ falling objects
- ☐ industrial revolution
- ☐ magnetism

Q65 ____ does not capture the character of scientific explanation of realities

- ☐ meditation
- ☐ material
- ☐ causal
- ☐ rational

Q66 The view that developments occur because of the purpose or design they serve is known as ____

- ☐ divine plan
- ☐ teleology
- ☐ adaptism
- ☐ developmentalism

Q67 Theories that have proved to be so universally valid or true, that is, they are true anywhere in the world and have such a high degree of probability, are called ____

- ☐ general theories
- ☐ hypothesis
- ☐ natural laws
- ☐ universal theories

Q68 The science that examines the chemical processes and substances that occur in living things is called ____

- ☐ Biochemistry
- ☐ Biology
- ☐ Paleontology
- ☐ dialectical communism

Q69 The observation that any population tends to outgrow its resources and its members must compete for what is available was first made by ____

- ☐ Machiavelli
- ☐ Darwin
- ☐ Newton
- ☐ Malthus

Q70 The ship whose expedition to America that Charles Darwin was a member is known as ____

- ☐ G.D.P. Hope

- ☐ Q.V.T. Shakespeare
- ☐ H.M.S. Beagle
- ☐ M.V.T. Elizabeth

Q71 An explanation about the cause or causes of a broad range of related phenomena is known as ____

- ☐ observation
- ☐ conclusion
- ☐ theory
- ☐ problem definition

Q72 The second step in scientific method is known as ____

- ☐ observation
- ☐ formulation of hypothesis
- ☐ conclusion
- ☐ definition of problem

Q73 When observations are unexpected we regard it as ____

- ☐ excellent
- ☐ passive
- ☐ active
- ☐ indirect

Q74 Scientific observation can be __ and ____

- ☐ ancient and modern
- ☐ empirical and formal
- ☐ informal and physical
- ☐ direct and indirect

Q75 Characters of science does not include ____

- ☐ objectivity
- ☐ systematic
- ☐ speculative
- ☐ reliability

Q76 ____ is not an example of empirical science

- ☐ mathematics
- ☐ physics
- ☐ biology
- ☐ chemistry

Q77 A branch of science whose contents, arguments and procedures obey certain rules is known as ____

- ☐ formal science
- ☐ deductive science
- ☐ inductive science
- ☐ empirical science

Q78 ____ cannot be attributed to formal science

- ☐ rules
- ☐ prophecy
- ☐ concepts
- ☐ theories

Q79 Science regarded as a body of knowledge does not include ____

- ☐ Chemistry
- ☐ Sophistry
- ☐ Biology
- ☐ physics

Q80 The term, science, was derived from a Latin word, namely ____

- ☐ scintilla
- ☐ sciencia
- ☐ sciensia
- ☐ scientia