



GC INTERNATIONAL GK OLYMPIAD - LEVEL FOUR SAMPLE PAPER

Question 1

Which of the following was a famous Renaissance artist?

- A. Leonardo Dicaprio
- B. Leonardo da Vinci
- C. Wolfgang Amadeus Mozart
- D. None of these

Key: B

Question 2

The first human life to set foot in North America is most likely from...

- A. Asia
- B. Africa
- C. Antarctica
- D. Europe

Key: A

Question 3

What monarch of England reluctantly signed the 'Magna Carta'?

- A. Pope Leo X
- B. King John
- C. Robin Hood
- D. Sir Lancelot

Key: B

Question 4

Madame Marie Sklodowska-Curie and her husband discovered radium in 1898. What was her husband's name?

- A. Pierre Curie
- B. Pierce Brosnan
- C. Isaac Newton
- D. Renee Descartes

Key: A

Question 5

'MOV' extension refers usually to what kind of file?

- A. Image file
- B. Animation/movie file
- C. Audio file
- D. MS Office document

Key: B

Question 6

Who is largely responsible for breaking the German Enigma codes, created a test that provided a foundation for artificial intelligence?

- A. Alan Turing
- B. Jeff Bezos
- C. George Boole
- D. Charles Babbage

Key: A

Question 7

Which motor is NOT suitable for use as a DC machine?

- A. Permanent magnet motor
- B. Series motor
- C. Squirrel cage motor
- D. Synchronous motor

Key: C

Question 8

What do we call a network whose elements may be separated by some distance? It usually involves two or more small networks and dedicated high-speed telephone lines.

- A. URL (Universal Resource Locator)
- B. LAN (Local Area Network)
- C. WAN (Wide Area Network)
- D. World Wide Web

Key: C

Question 9

What does DOCSIS stand for?

- A. Data Over Cable Service Interface Specification
- B. Data Over Cable Security Internet Std
- C. Data Over Cable Secure International Stds
- D. Data Over Cable Service Internet Standard

Key: A

Question 10

Habeas Corpus Act 1679

- A. states that no one was to be imprisoned without a writ or warrant stating the charge against him
- B. provided facilities to a prisoner to obtain either speedy trial or release in bail
- C. safeguarded the personal liberties of the people against arbitrary imprisonment by the king's orders
- D. All of the above

Key: D

Question 11

For safety, the fuse wire used in the mains for household supply of electricity must be made of metal having

- A. low melting point
- B. high resistance
- C. high melting point
- D. low specific heat

Key: A

Question 12

Fathometer is used to measure

- A. Earthquakes
- B. Rainfall
- C. Ocean depth
- D. Sound intensity

Key: C

Question 13

East Timor, which became the 191st member of the UN, is in the continent of

- A. Asia
- B. Africa
- C. Europe
- D. South America

Key: A

Question 14

Which of the following UN agencies has its headquarters at Paris?

- A. UNESCO
- B. ILO
- C. FAO
- D. IMO

Key: A

Question 15

Which of the following of the members of OPEC (Organisation of Petroleum Exporting Countries)?

- A. Algeria, Indonesia, Iran, Iraq, Kuwait
- B. Libya, United Arab Emirates, Nigeria
- C. Qatar, Saudi Arabia, Venezuela
- D. All of the above

Key: B

Question 16

Which of the following chemicals is useful in photography?

- A. Aluminium hydroxide
- B. Potassium nitrate
- C. Silver bromide
- D. Sodium chloride

Key: C

Question 17

Which amongst the following mammals has the highest metabolic rate in terms of oxygen consumption (mm³/g hour)?

- A. Dog
- B. Mouse
- C. Rabbit
- D. Rat

Key: B

Question 18

World's busiest airports by passenger traffic is

- A. Hartsfield-Jackson Atlanta International Airport, USA
- B. Lhasa Airport, Tibet
- C. King Abdul Aziz International Airport, Saudi Arabia
- D. Chicago O' Hare International Airport, USA

Key: A

Question 19

World War II was fought between

- A. Axis Power (Germany, Italy and Japan) against the Allies (Britain, USSR, USA, France)
- B. Austria, Hungary, Turkey against France, USA, Japan
- C. both (a) and (b)
- D. None of the above

Key: A

Question 20

Which of the following is used as a moderator in nuclear reactor?

- A. Thorium
- B. Graphite
- C. Radium
- D. Ordinary water

Key: B

Question 21

According to Avogadro's Hypothesis, the smallest particle of an element or a compound, that can exist independently, is called ____.

- A. a molecule
- B. a cation
- C. an anion
- D. an atom

Key: A

Question 22

Knot is a unit of speed of which of the following?

- A. Aeroplane
- B. Light waves
- C. Ship
- D. Sound waves

Key: C

Question 23

Ben kingsley is associated with which of the following fields?

- A. Politics
- B. Social Service
- C. Sports
- D. Motion Pictures

Key: D

Question 24

Which nation is relocating its capital to Nusantara?

- A. Indonesia
- B. Malaysia
- C. Brunei
- D. Vietnam

Key: A

Question 25

Which country has assumed the rotating presidency of the Council of the European Union for six months beginning January 2022?

- A. THE UK
- B. India
- C. France
- D. China

Key: C

Question 26

Dead sea is located between which two countries ?

- A. Jordan and Sudan
- B. Jordan and Israel
- C. Turkey and UAE
- D. UAE and Egypt

Key: B

Question 27

Which country is known as the “Land of Thunderbolts”?

- A. China
- B. Bhutan
- C. Mongolia
- D. Thailand

Key: B

Question 28

Dumping is

- A. Selling of goods abroad at a price well below the production cost at the home market price
- B. The process by which the supply of a manufacture's product remains low in the domestic market, which batches him better price
- C. Prohibited by regulations of GATT
- D. All of the above

Key: D

Question 29

The agreement according to which the UK, the USA and the former USSR cannot assist other countries in acquiring technology to develop nuclear weapons, is known as

- A. Izmir Treaty
- B. Nuclear Non-proliferation Treaty (NPT)
- C. Both (a) and (b)
- D. None of the above

Key: B

Question 30

The six official languages of the UN are Russian, Chinese, English, French, Spanish and

- A. Hindi
- B. Urdu
- C. Arabic
- D. Japanese

Key: C

Question 31

Until December 1991 _____ were integral parts of the USSR & not independent countries, but had separate UN memberships.

- A. Belarus and Ukraine
- B. Czech Republic and Slovakia
- C. Tonga and Nauru
- D. None of the above

Key: A

Question 32

War of the Roses was

- A. Civil war in England
- B. Religious-cum-political war between the Lutherans Catholics in Germany
- C. War between Syrian and Roman forces
- D. None of the above

Key: A

Question 33

The transport of warm air toward the poles and cold air toward the equator is due to

- A. The temperature gradient
- B. The development of waves
- C. The latitude difference
- D. The longitude difference

Key: B

Question 34

The imaginary axis at which the earth rotates remains inclined at an angle of _____ to the plane of earth's orbit.

- A. $4\frac{1}{2}^\circ$
- B. $55\frac{1}{2}^\circ$
- C. $66\frac{1}{2}^\circ$
- D. 0°

Key: C

Question 35

The southernmost part of the world is

- A. Cape of Good Hope, Africa
- B. Cape of Horn, S. America
- C. Colombo, Sri Lanka
- D. Wellington, New Zealand

Key: B

Question 36

The planet with the maximum number of natural satellites (moons), so far discovered is

- A. Jupiter
- B. Neptune
- C. Saturn
- D. Uranus

Key: C

Question 37

The river situated along the border between the USA and Mexico is

- A. The Rio Grande
- B. The Amazon
- C. The Mississippi
- D. The Colorado

Key: A

Question 38

The Suez Canal connects the

- A. Baltic Sea and the Caspian Sea
- B. Mediterranean Sea and the Red Sea
- C. Red sea and the Caspian Sea
- D. Mediterranean sea and the North Sea

Key: B

Question 39

The northern hemisphere and the southern hemisphere are separated by

- A. The International Date Line
- B. The plane of the equator
- C. The plane of Tropic of Cancer
- D. The plane of Tropic of Capricorn

Key: B

Question 40

The famous book 'Anna Karenina' written by?

- A. Boris Pasternak
- B. Victor Hugo
- C. Lewis Carroll
- D. Leo Tolstoy

Key: D

Question 41

The prize given to individuals fighting for freedom, independence and dignity of people is

- A. Simon Bolivai Prize
- B. Golden Bear Award
- C. David Cohen Award
- D. Owen Global Award

Key: A

Question 42

G-7 nations includes

- A. South Africa
- B. Australia
- C. India
- D. Italy

Key: D

Question 43

The "http" you type at the beginning of any site's address stands for:

- A. HTML Transfer Technology Process
- B. Hyperspace Terms and Tech Protocol
- C. Hyperspace Techniques & Tech Progress
- D. Hyper Text Transfer Protocol

Key: D

Question 44

The purpose of choke in tube light is?

- A. To decrease the current
- B. To increase the current
- C. To decrease the voltage momentarily
- D. To increase the voltage momentarily

Key: D

Question 45

A coating of dust on a computer's main circuit boards has this probable consequence

- A. Overheating
- B. Short circuits
- C. Slower hard disk
- D. None

Key: A

Question 46

Which one is the longest continental mountain ranges in the world ?

- A. Himalaya
- B. Andes
- C. Rocky mountains
- D. Ural mountains

Key: B

Question 47

During deep sleep, an EEG picks up the lowest frequency brain wave ranging 1-4 Hz known as the Delta wave. Put the following brain waves in order of increasing frequency.

- A. Alpha, Beta, Delta
- B. Delta, Beta, Alpha
- C. Beta, Alpha, Delta
- D. Beta, Delta, Alpha

Key: B

Question 48

Who is the current Prime Minister of Russia ?

- A. Vladimir Putin
- B. Dmitry Medvedev
- C. Mikhail Mishustin
- D. None of these

Key: C

Question 49

The velocity of light was first measured by

- A. Einstein
- B. Newton
- C. Romer
- D. Galileo

Key: C

Question 50

This African-American woman physical therapist worked with soldiers disabled in World War II. She invented a device that helped the disabled to eat by delivering food through a tube to a mouthpiece.

- A. Bessie Blount
- B. Marjorie Joyner
- C. Mae Jamison
- D. Beulah Henry

Key: A

Question 51

The Central Processing Unit is an embedded chip that acts as the 'brains' of a computer. What Intel chip was used in the Altair (the first real personal computer)?

- A. 6502
- B. 8080
- C. 6400
- D. 8286

Key: B

Question 52

The first black American to win the Nobel Prize for literature is

- A. Aurtne Ashe
- B. Martin Luther King
- C. Toni Morrison
- D. Nelson Mandela

Key: C

Question 53

Which countries from the membership of CACM (Central American Common Market)?

- A. Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua
- B. Bogota, El Salvador, Honduras
- C. Washington DC, Bogota, Guatemala
- D. All of the above

Key: A

Question 54

Chlorophyll is a naturally occurring chelate compound in which central metal is

- A. copper
- B. magnesium
- C. iron
- D. calcium

Key: B

Question 55

What city lies on the western shore of the Caspian Sea?

- A. Sochi, Russia
- B. Tel Aviv, Israel
- C. Baku, Azerbaijan
- D. Istanbul, Turkey

Key: C

Question 56

Which country has the lowest people per square mile?

- A. Namibia
- B. Australia
- C. Guyana
- D. Japan

Key: A

Question 57

What metropolitan area is the largest in the world, not bordering a body of water?

- A. Johannesburg, South Africa
- B. Dallas, Texas
- C. London, United Kingdom
- D. Beijing, China

Key: A

Question 58

Which of these islands is the largest?

- A. Sumatra
- B. Great Britain
- C. Honshu
- D. Baffin Island

Key: D

Question 59

In reference to igneous rock, consider the following statements:

1. Igneous rocks have no layer.
2. Fossils are not found in the igneous rocks.

Choose the correct answer from the codes given below:

- A - Only 1 B - Only 2 C – Both D - Neither 1 nor 2

Key: C

Question 60

Which among the following is popular as Gate of Tears?

- A - Lhasa
- B - Rome
- C - Jakarta
- D - Bab-el-Mandeb

Key: D