

## General Science

### General Knowledge Questions and Answers from General Science

Frequently asked GK questions from General Physics, Science and Biology

1. "Optical Phenomenon" in the fringe pattern of CD is

Interference

2. Celsius and Fahrenheit show the same temperature at

Ans : 40

3. Exchange particle in Quark-Quark Interaction

Ans : Gluon

4. The working of a rockets based on the principle of;

Ans : Conservation of momentum

5. The pollutants which move downward with percolating groundwater are called

Ans : Leachates

6. Hasdo Valley in Chhattisgarh is famous for

Ans : Coal mines

7. Special Theory of Relative was proposed in

1905

8. Black hole is an object to be found

Ans : In the sky

9. IRADIAN is

Ans : 57.3 degree

10. Fraction of volume of ice seen outside when immersed in water?

Ans : 10.5%

11. The disease " bronchitis " is associated with;

Ans : Lungs

12. Which colour Indicate Highest Temperature?

Ans : Dull red.

13. Persons sitting in an artificial satellite of the earth have :

Ans : Zero weight.

14. Light Year is

Ans : the distance traveled by light in one year

15. Liquefied petroleum gas (LPG) is mainly a mixture of:  
Ans : propane and butane

16. The Ozone layer lies in the  
Ans : Stratosphere

17. Most of the light rays inside a tube -light is in the form of  
Ans : ultra -violet light

18. Which is the alkaloid that contains in cola drinks?  
Ans : Caffeine

19. The device used for detecting even feeble current:  
Ans : Galvanoscope

20. Anemometer is an instrument used for measuring?  
Ans: Wind speed

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GK questions from Physics, Chemistry and Biology

1. The satellite of Ecuador which was damaged on collision with Russian debris in space?  
Ans: Pegasus. This is the first and only satellite

2. The Indian Space Research Organization (ISRO) Navigation centre was set up at \_\_\_\_\_  
Ans: Bialalu, about 40 km from Bangalore

3. The acronym \_\_\_\_\_ means billion of operations per second  
Ans: GB

4. A technology to provide high speed internet access over telephone wiring:  
Ans: ADSL

5. Which device is used to study the way and object behaves when the air flows over it?  
Ans: Wind Tunnel

6. The part of a computer that shows visual information on a screen.  
Ans: Visual Display Unit (VDU)

7. What are the machines used to check the progress of unborn babies still in the mother's womb?  
Ans: Ultra Sound Machines

8. A type glass that is highly resistant to heat.  
Ans: Borosilicate Glass

9. The process of killing diseases producing micro organism in food items by heat.  
Ans: Pasteurization

10. Tuberculosis is caused by it.  
Ans: Bacteria

11. Which country in the world has maximum number of robots working?

Ans : Japan

12. What is the name of the instrument that measures wind speed?

Ans : Anemometer

13. A device used to measure the strength of magnetic field.

Ans: Magnetometer

14. A strip of flexible plastic with magnetic coating that is used to record sound and pictures.

Ans: Magnetic Tape

15. A method of growing plants without soil.

Ans: Hydroponics

16. Electricity produced from falling water.

Ans: hydroelectricity

17. The fear of being out of mobile phone contact is known as?

Ans: Nomophobia

18. In which year did IT Act came into force in India?

Ans: 2000

19. A new technology which provides the ability to create an artificial world and have people interact with it is called ?

Ans: Televirtuality

20. The device used for locating submerged object under sea is-

Sonar

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### Space General Knowledge Quiz -Multiple choice Questions and Answers

1. How often, approximately, is Halley's Comet visible from Earth (in years)?

- 25
- 75
- 140
- 300

Halley's comet appears in the night sky approximately every 75 years. Its next appearance will be in 2061.

2. What astronomer placed Earth at the center of the universe?

- Ptolemy
- Galileo
- Tycho Brahe
- Aryabhata I

3. Which astronomer wrote the Aryabhatiya?

- Brahmagupta
- Bhaskara I
- Aryabhata I
- Galileo

4. What astronomer suggested that the Sun was at the center of the solar system?

- Copernicus
- Hypatia
- Ptolemy
- Theon of Alexandria

5. In *On the Revolutions of the Celestial Orb*, Nicholas Copernicus (1473–1543) suggested that Earth revolved around the Sun.

- Who was the first astronomer to use a telescope?
- Leonardo da Vinci
  - Galileo
  - Ptolemy
  - Hypatia

6. Which of the following is not a scientific optical instrument?

- telescope
- periscope
- endoscope
- microscope

A periscope allows the viewer to view objects not in the line of sight, such as around corners or above the surface of the water from below. It is best known for its use in military submarines.

7. Which of these contain large quantities of ice?

- asteroids
- stars
- comets
- black holes

8. What do most asteroids orbit?

- Earth
- Mars
- the Sun
- Pluto

9. Which of these planets has an atmosphere made up of hydrogen, helium, and methane?

- Pluto
- Uranus
- Earth
- Venus

10. Which of these American astronomers discovered Pluto in 1930?

- Galileo Galilei
- Harlow Shapley
- Clyde Tombaugh
- Edwin Hubble

11. Which of these constellations is not in the zodiac?

- Aries
- Alpha Centauri
- Leo
- Capricornus

Twelve well-known groups of stars, called constellations, lie in the zodiac. Their names are Aries, Taurus, Gemini, Cancer, Leo, Virgo, Libra, Scorpius, Sagittarius, Capricornus, Aquarius, and Pisces.

12. In what constellation is Sirius found?

- Canis Major
- Ursa Major
- Ursa Minor
- Andromeda

13. About how many galaxies are there in the universe?

- 25 million
- 25 billion
- 25 quadrillion
- 25 gazillion

14. Which of these is a galaxy?

- Pluto
- Ceres
- Large Magellanic Cloud
- Jupiter

The Large Magellanic Cloud is a very distant galaxy beyond our own.

15. How many light-years across is the Milky Way?

- 1000
- 10000
- 100000
- 1000000

16. Which is the closest galaxy to Earth outside the Milky Way?

- Sombrero
- Andromeda
- Antennae
- NGC 2770

17. Space Application Centre (SAC) is located at

- Mumbai
- Ahmadabad
- Trivandrum
- None

18. The first Indian Remote Sensing Satellite was launched into space on

19. The code name of the first vehicle driven by man on the moon's surface was

- Luna 22
- Rover
- Eagle
- Challenger

20. India's satellite launch-pad is located at

- Thumba
- Shri Hari Kota
- Ahmedabad
- Dehradun

Answer Key

1. 75 2. Ptolemy 3. Aryabhata 4. Copernicus 5. Galileo 6. periscope 7. comets 8. the Sun 9. Uranus 10. Clyde Tombaugh 11. Alpha Centauri 12. Canis Major 13. 25 billion 14. Large Magellanic Cloud 15. 100000 16. Andromeda 17. Ahmadabad 18. 1990 19. Rover 20. Shri Hari Kota

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**General Science Biology**

1. A baby blue whale drinks this many liters of milk per day:

- 10
- 50
- 190**
- 500

2. For what is the Jurassic period named?

- a mountain range in Switzerland**
- a kind of dinosaur
- a soccer hero
- the French word for "day"

3. Which blood group is called the "universal donor"?

- A
- B
- O -ans**
- AB

4. Which of these is not a kind of plant?

- abacus**
- acanthus
- acacia
- aster

An abacus is an instrument for performing calculations by sliding counters along rods or in grooves.

5. A banana plant fits into which of these groups?

- grasses
- trees
- herbs**
- flowers

6. From what plant was paper originally made?

- cattail
- rosemary
- papyrus**
- wheat

The ancient Egyptians made a parchmentlike paper, also called papyrus, from the pith, or inner portion, of the stalk of the papyrus plant.

7. Which of these is not a dehiscent plant?

- pea
- bean
- magnolia
- banana**

The fruit of a dehiscent plant splits open when it is ripe to disperse seeds. Examples are peas, beans, peanuts, and magnolias. Technically, a banana is an herb.

8. How much blood is in the human body?

- 2.2 liters
- 5.7 liters**
- 8.1 liters
- 9.3 liters

The average human carries about 192.7 ounces (5.7 liters) of blood. Altogether, this quantity of blood circulates through the body twice a minute.

9. How many facial muscles are involved in speaking?

- 70**
- 140
- 210
- 280

About 70 muscles are involved in speaking. These are located in several parts of the head, neck, and mouth.

10. How many taste buds do young people have?

- 1000
- 10000
- 100000**
- 1000000

11. How many basic tastes can humans sense?

- 1
- 4
- 5**
- 6

Humans can sense five basic tastes: salty, sweet, sour, bitter, and umami (representing chemicals known as amino acids).

12. What is the word for a person with very pale skin and eyes?

- Albanian
- albino**
- Albion
- alabaster

13. What sensory function do the ears provide other than hearing?

- smell
- balance**
- temperature
- radiation

14. Which of these joints is not found in the human body?

- gliding
- mortise and tenon**
- ball and socket
- suture

15. How many sweat glands does the average person have?

- 260000
- 2.6 million**
- 26 million
- 260 million

16. Which of these is not part of the endocrine system?

- lungs**
- pituitary gland
- adrenal gland
- thyroid gland

17. What scientist has popularized the concept of biodiversity?

- E.O. Wilson**
- Albert Einstein
- Stephen Jay Gould
- Stephen Hawking

18. The author of On the Origin of Species is:

- Charles Lyell
- Charles Darwin**
- Charles Dickens
- Charles Baudelaire

19. Which group of animals is Charles Darwin best known for studying?

- whales
- birds**
- feral cats
- lizards

20. Which of the following is a poisonous fish?

- hammerhead shark
  - goldfish
  - lion fish**
  - killer whale
- Lion fish are noted for their venomous fin spines, which are capable of producing painful, though rarely fatal, puncture wounds.

21. Which of the following is a member of the whale family?

- baraccuda
- stingray
- narwhal**
- pompano

22. What is the study of animal life called?

- geology
- astrology
- zoology**
- epidemiology



23. In science, what is the name for the classification of plants and animals?

**taxonomy**  
taxidermy  
entropy  
gentrification

24. How many sets of legs does a shrimp have?

2  
4  
**5**  
8

25. Process of cell division can take place by

heterosts  
fusion  
**mitosis**  
None of these

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### Space Related General Knowledge Questions Answers

1 The first cosmonaut to spend about 17½ days in space endurance flight

\* Adrin Nikolayev and Vitaly Sevastyanosov in soyuz-9 (June 1, 1970)

2 The first person in the world to land on the moon

\* Neil A. Armstrong and Edwin E. Adrin Jr. of U.S.A. Armstrong was the first to set foot on the moon followed by Adrin. July 21, 1969.

3 The first man to enter space

\* Major Yuri Gagarin (Russian)

4 The first woman cosmonaut of the world

\* Valentina Tereshkova

5 The first American astronaut to float in space

\* Edward White

6 The first unmanned spaceship to have soft landed and lifted off from the moon to return to the earth

\* Luna-16 (U.S.S.R.) September 21, 1970

7 The first manned space vehicle to land on the moon

\* Lunar Exploration Module (LEM) nick-named Eagle

8 The first spaceship which carried three American astronauts to land two of them on the moon

\* Apollo-11

9 The first country to send man to the moon

\* U.S.A.

10 The first space-vehicle to orbit the moon

\* Luna-10 (U.S.S.R.)

11 The first unmanned moon buggy to explore surface of the moon

\* Lunakhod-1 (U.S.S.R.)

12 The first space rocket brought back to earth after orbiting the moon

\* Zond-5

- 13 First crew transfer between the orbiting spaceships  
\* Soyuz T-15 with Mir Space Station
- 14 The first mission of a linking-up in space by manned spaceships of U.S.A. and Soviet Union  
\* Apollo-Soyuz Test Project Mission (ASTP) (launched on July 15 and linked up in space on July 17, 1975)
- 15 India's first scientific satellite  
\* Aryabhata
- 16 The first man to fly into space belonging to a country other than Russia or the U.S.A.  
\* Vladimir
- 17 Russia's first spaceship with international crew on board.  
\* Remek (Czechoslovakia)
- 18 The first country to send nuclear powered space craft to explore Jupiter  
\* U.S.A.
- 19 The first Indian to go into space  
\* Rakesh Sharma
- 20 The first American astronaut to make two space flights.  
\* Gordon Cooper (U.S.A.)
- 21 The first country to launch a cosmic space rocket towards moon  
\* U.S.S.R.
- 22 The first space rocket to hit the moon  
\* Lunik II
- 23 The first spaceship in the world to sample moon's crust  
\* Surveyor-3 (U.S.A.)
- 24 The first space vehicle to soft land on moon  
\* Luna-9 (U.S.S.R.)
- 25 The first manned spaceship to perform the longest stay in space (11 days)  
\* Apollo-7 (U.S.A.)
- 26 The first manned spaceship to perform space flight round the moon  
\* Apollo-8 (U.S.A.)
- 27 The first American manned spaceship to perform crew transfer in space  
\* Apollo-9 (U.S.A.)
- 28 The first woman of Indian origin in space  
\* Kalpana Chawla
- 29 The first residents on the International Space Station  
\* Bill shepherd (U.S.A.), Yuri Gidzenko and Sergei Krikalev (Russia)
- 30 The first space tourist in the world  
\* Dennis Tito (U.S.A.)

- 31 The first European woman to International Space Station  
\* Claudie Haignere (French cosmonaut)
- 32 The first space tourist of S. Africa and second of the world  
\* Mark Shuttleworth (April 2002)
- 33 The first US space shuttle to explode while returning home killing all the astronauts  
\* Columbia (February 1, 2003)
- 34 China's first man in space  
\* Yang Liwei
- 35 European Space Agency's first moon probe craft  
\* SMART-1
- 36 America's first Mission to Saturn  
\* Cassini Spacecraft (Reached Saturn's orbit in July 2004)
- 37 First private, manned spacecraft  
\* Spaceship One (Launched on June 21, 2004)
- 38 First European space probe landing on the surface of the Saturnian Moon Titan  
\* Huygens (January 15, 2005)
- 39 India's first Mapping Satellite  
\* CARTOSAT-1 (Launched on May 5, 2005)
- 40 The first spacecraft to touch the surface of a comet  
\* NASA's Deep Impact hit its comet target temple-1 (July 4, 2005)
- 41 The first Japanese spacecraft to get down to an asteroid and collect samples from there  
\* Hayabusa (November 2005, Japan's Aerospace Exploration Agency (JAXA))
- 42 The first Probe Mission to planet Pluto  
\* New Horizons (U.S. launched on January 19, 2006)
- 43 The first space woman to stay for the longest ever Period of time in space  
\* Sunita Williams
- 44 The first lunar orbiter of China  
\* Chang'e-1 (Launched on October 24, 2007 from Xichang Satellite Launch Centre of South-Western Sichuan Province)
- 45 The first successful moon mission of India  
\* Chandrayan-1 (October 22, 2008)
- 46 The US software pioneer who became the first person to travel twice to space as a tourist  
\* Charles Simonyi (March 26, 2009)

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#### General Science Questions related to General Chemistry

1. Who is honored as Father of Modern Chemistry?  
Antoine Lavoisier

2. Who invented periodic table?  
Dmitri Mendeleev

3. Which is the most abundant gas in the earth's atmosphere?  
Nitrogen (78.08%)

4. Which gas evolved from paddy fields and marshes?  
Methane

5. Which toxic element present in automobile exhausts?  
Lead

6. Which gases cause acid rain?  
Sulphur dioxide, Nitrogen oxides

7. Which metal is used in the making of microchips?  
Silicon

8. What is the toxicity caused by silicon called?  
Silicosis

9. Which polymer is used to manufacture electric switches, computer disks etc.?  
Bakelite

10. With which polymer, the cabinets of radio and TV made of?  
Polystyrene

11. Which chemical is used to make rain coats?  
Poly Vinyl Chloride(PVC)

12. Which type of plastics can be recycled?  
Thermoplastics

13. What is the name given to plastics that cannot be recycled?  
Thermosetting plastics

14. Which element is a liquid at ordinary temperature?  
Mercury

15. What is the chemical name of baking soda?

Sodium bicarbonate

16. What is sodium carbonate commonly known as?

Washing soda or soda ash

17. What is sodium chloride?

Table salt

18. What is table sugar?

Cane sugar (Sucrose)

19. What is the element present on lead pencils?

Carbon (graphite)

20. Which gas is found in soda water?

Carbon dioxide

21. What is the solvent of gold?

Aquaregia

22. Name the chemical added to make tooth pastes white?

Titanium dioxide

23. Which chemical is the reason behind the brown colour of human faces?

Bilirubin

24. Which chemical is called Chile Salt peter?

Sodium Nitrate

25. What is marsh gas?

Methane

26. What is the chemical name of Chinese salt?

Monosodium glutamate

27. Which is the purest form of carbon?  
Graphite

28. Which is called white poison?  
Sugar

29. Which is the simplest sugar?  
Glucose

30. What is the biological polymer in paper?  
Cellulose

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**General Science questions related to Biological Science :**

1. What is the chemical name of Vitamin E?  
Alpha tocopherol

2. Which Vitamin is also known as retinol?  
Vitamin A

3. What is Calciferol?  
Vitamin D

4. What is the other name of thiamine?  
Vitamin B1

5. Which Vitamin is called niacin?  
Vitamin B3

6. Which element is excreted through human sweat?  
Sulphur

7. Pollution of water bodies by which element causes Minamata disease?  
Mercury

8. Accumulation of which chemical leads to kidney stones?  
Calcium Oxalate

9. Which heavy metal causes Itai Itai disease?  
Cadmium

10. Which chemical was used earlier for giving anesthesia to patients?  
Diethyl ether



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