
Ch -21 (Logist Glossary)

Pg.no. 31

The people who study the different fields of science. Can you guess what these people are called?

1. One who studies about animals. Zoologist
2. One who studies the origin and history of words.
Etymologist
3. One who studies about shells. Conchologist
4. One who studied about different types of diseases.
Pathologist
5. One who studies the physical history of the earth. Geologist
6. One who studies about plants and animals and their surroundings. Ecologist
7. One who studies about birds. Ornithologist
8. One who studies about the cells. Cytologist
9. One who studies about X-rays and radioactivity.
Radiologist
10. One who studies various organs of living beings.
Physiologist

Ch-22 (Vector – Borne Diseases)

Pg.no. 32

1. Viral disease transmitted to humans by infected mosquitoes. Chikungunya
2. Mosquito – borne infection that may cause lethal complications. Dengue
3. Disease caused by a parasite plasmodium, transmitted via infected anopheles mosquitoes. Malaria
4. Viral disease transmitted via aedes mosquitoes. Yellow fever
5. A disease caused by a virus that is spread through mosquito bites and causes fever, rashes, joint pain and redness of eyes.
Zika virus

Ch -23 (Wonderful Working Machine)

Pg.no. 33

Name the following parts of your body.

1. ABDOMEN - The part of the body below the chest, which contains digestive and excretory parts.
2. BLADDER - A bag- like sac or container for storing fluids.
3. CAPILLARY - The smallest type of blood vessel.
4. DNA - The chemical substance that forms the genetic information or genes.
5. EPIDERMIS - The protective outer layer of skin.
6. FERTILIZATION- When an egg cell joins a sperm cell to start the development of a new human body.

7. **LIGAMENT**- A flexible, strap -like part that joins the bones around a joint.
8. **NEURON**- A nerve cell which is the basic unit of the nervous system.
9. **VEIN** - A blood vessel that brings blood towards the heart.
10. **CELL**-The basic building block of the body.

Ch-24 (Our Solar System)

Pg.no. 34

(A)

1. Primary constituent of Mars's atmosphere Carbon-dioxide.
2. The planet of our solar system having the largest magnetic field Jupiter.
3. The asteroid belt is located between the orbits of two planets Mars and Jupiter .
4. The only dwarf planet closest to the sun located in the asteroid belt between Mars and Jupiter.

Ceres

5. The surface of the planet Venus is hidden by an opaque layer of clouds which is formed from Sulphuric acid .

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(B)

1. The smallest of the ice-giant planets with its atmosphere made up of hydrogen ,helium and some methane. It has a very active climate.Neptune
2. The second densest planet because it is composed of heavy metals and rocks. Mercury
3. The hottest planet with an average surface temperature of around 863.f and the only planet in our solar system to be named after a female figure .Venus
4. The planet which has the largest dust storms and the tallest mountain in the solar system -Olympus Mons. It is actually a shield volcano which is 22 km high and 600 km in diameter. Mars
5. The densest planet of our solar system having an average density of around 5.427 g/cm³ . Earth
6. The planet which is called a gas giant and whose moon,Ganymede, is the largest moon in the solar system. Jupiter
7. The planet having most extensive rings in the solar system. Saturn
8. It is an ice -giant planet. It was officially discovered by sir William Herschel in 1781 with the use of his telescope. Uranus

Ch -25 (How Does It Happen?)

Pg no. 36

Name the processes that are responsible for the following.

1. A blotting paper sucking ink -because of capillary action.
2. Water droplets dripping from a water tap have elongated and round shape- Due to surface tension.
3. Wooden doors get swollen during the rainy season and do not shut properly- Due to capillary action.
4. Dry sand is difficult to hold but when it gets wet,it becomes easier to hold in the hands- Due to surface tension.
5. The process by which plants give off water vapour to the atmosphere- Due to transpiration

Ch- 26 (e cloud buzz)

Pg.no. 37

1. It is the best search engine in the world. It was launched in 1998. Google
2. It is the search engine launched by the Microsoft company in 2009.It provides different services like image, web and video search along with maps. Bing
3. It is one of the most popular free e-mail providers. It was started in 1994. Yahoo
4. It was earlier called Ask Jeeves. Its search results are based on question - answering web format. It was founded in 1996 by Garrett Gruener and David Warthen in California. Ask.com

5. It is a human-guided search engine founded in 2006. You can ask anything from it and you'll get the answer. It also provides mobile search and marketing services. Chacha.com
6. It is famous, old search engine. Its network includes many popular websites like engadget.com, techcrunch.com and huffingtonpost.com - AOL.com

Pg no. 38 (Our Green world)

1. The world's largest known reserves of this non-renewable source of energy is in Saudi Arabia.
PETROLEUM
2. It is a colourless, odourless fossil fuel and the cleanest burning fuel. - NATURAL GAS
3. It is a biofuel which is produced from vegetable or animal fat, for example, ester - BIODIESEL
4. The portable source of heat energy which is normally stored under pressure in tanks and bottles or is also buried underground. PROPANE
5. The things that are produced on burning plastic waste and are carcinogenic in nature. DIOXINS

Pg.no. 39 (Green Olympiad)

1. Air is a mixture of many gases which gas constitutes 78 percent of the air we breathe in ?
Nitrogen
2. Which type of radiation gets filtered by the ozone layer? Ultraviolet
3. Which pollutant in air causes hay fever?
Pollen
4. Which gas according to the World Health Organization is responsible for up to 15 per cent of lung cancers worldwide ? Radon
5. Leakage of which poisonous gas resulted in the Bhopal Gas Tragedy? Methyl Isocyanide
6. Two main pollutants released from domestic fuel consumption are suspended particulate matter and Carbon monoxide
7. Name the pollutant responsible for marble cancer. Sulphur dioxide

Pg.No 40 (Which Way To Go)

Fill in the blanks with the help of choices given in the clue box.

1. Seema is using an Pedestrian overpass which allows pedestrians to cross over busy roads safely without impacting traffic.
2. Rohan's train is passing through a Railway overpass which is used to replace level crossing. It allows rail traffic to flow without any obstruction.
3. Tiya's train is passing through a Tunnel which is an underground passageway.
4. Raina is passing through a freeway which is a multilane divided road with no traffic lights, no parking and having high speed limits.
5. Tejas is travelling on a highway which is numbered. It is used to travel from one city to another.
6. Chirag's plane is on the Runway which is used by aircraft to take off or land at the airports.

Pg.No.42 Movie Mania Some

Movie Names

1. Bhootnath
2. Munna Bhai M.B.B.S.
3. Bhaag Milkha Bhaag

4. Taare Zameen Par

Pg.No. 43 Indian Art

1. Thanjavur Painting

2. Warli Art

3. Pattachtra

4. Miniature Painting

