

THE LAWRENCE SCHOOL

SANAWAR

Syllabus for Class VI Entrance Examination: GENERAL SCIENCE

Plant Life:	Increasing the numbers
Animal Life:	Varying lifestyles
Our Body:	Our skeletal system; our nervous system; Food and health; Safety and first aid; A house to live in
Our Universe:	Erosion and conservation; Rocks and minerals, Our life supports; Our universe; Force, work and energy; Solids, liquids and gases

SAMPLE QUESTION PAPER

Class VI

General Science

Time: 01 Hour

Max Marks: 100

General Instructions:

1. All questions are compulsory.
2. Questions are to be answered on the question paper itself (on the space provided against each question).

Q.1. Fill in the blanks:

(20 marks)

- a) If an arm is broken the injured arm should be supported by a
- b) Farmers add to the soil to make it fertile.
- c) Houses in the hills haveroofs.
- d) Cutting off air helps to put out a
- e) The moon is a.....of the earth.
- f) The first man to land on the moon was
- g) Gases have no definite or
- h) Matter is a substance that has.....and occupies space.
- i) As we go higher, the atmospheric pressure.....
- j) Water is disinfected with a very small amount ofgas that kills bacteria.
- k) Liquids have a definite volume but no fixed
- l) is an important fertilizer.

- m)prevents rusting of iron.
- n) Houses in theare built on stilts.
- o) The muscles under our control are called muscle.
- p) When a bone breaks we call it a
- q) There is a high tide about every hours.
- r) Tides are caused because of the moon's pull on the
- s) Green plants take infrom the air and water from the soil to prepare their food.
- t) Petroleum is formed from the remains of

Q.2. Write one word for each:

(15 marks)

- a) Layer of air surrounding the earth. _____
- b) Disease caused by deficiency of vitamin B. _____
- c) Narrow tubes in the body through which the blood flows _____
- d) Smallest unit of an animal or plant. _____
- e) The actions controlled by the spinal cord. _____
- f) Largest part of the brain; it controls our intelligence, speech and thinking. _____
- g) The process of scattering seeds. _____
- h) Blocking light of sun or moon by the shadow of another heavenly body. _____
- i) Outbreak of a disease affecting many people at a time. _____
- j) Metamorphic rock formed from granite. _____
- k) Amount of water vapour present in the air. _____
- l) Natural substance in earth's crust which is neither a plant nor an animal. _____
- m) An igneous rock which looks like black glass. _____
- n) Young plant is known as. _____
- o) Swelling of glands of the throat due to lack of iodine in the body. _____

Q.3. Complete the second pair:

(5 marks)

- a) Fish : gills :: man : _____
- b) Bird : feathers :: mammal : _____
- c) Frog : skin :: Whale : _____
- d) Learn : cerebrum :: heart beat :: _____
- e) Bitter : taste buds :: sound : _____

Q.4. Give one example of each. (10 marks)

- a) An animal that migrates _____
- b) A fish eating animal _____
- c) An animal that lives both on land and water _____
- d) An animal that lays egg _____
- e) A sedimentary rock _____
- f) A metal used for making wire _____
- g) A liquid fuel _____
- h) Traces of ancient life in between layers of rocks _____
- i) A good solvent _____
- j) A disease that spread through air _____

Q.5. Match the columns: (5 marks)

Column A

- 1. Dysentery
- 2. Tetanus
- 3. Malaria
- 4. Hookworm
- 5. Ringworm

Column B

- Mosquito bite
- Infected food
- Direct contact
- Cut in the skin
- Polluted soil

Q.6. Tick the most appropriate answer. (10 marks)

- i. A low ceiling keeps a room
 - a. warm
 - b. cold
 - c. damp
 - c. bright
- ii. Of these which material does not
 - a. paper
 - b. iron
 - c. cloth
 - d. petrol
- iii. Which of the following does not cause burns
 - a. chemicals
 - b. water vapour
 - c. heat
 - c. steam

- iv.** Wire gauze on windows keeps
- a. animals out
 - b. thieves out
 - c. insects out
 - d. guests out
- v.** A fractured bone should not be moved without support because
- a. a fracture is painful
 - b. a fracture causes swelling
 - c. the pieces of the broken bone should not move out of position
- vi.** Nerves which carry impulses to the brain are
- a. spinal cord
 - b. motor nerve
 - c. mixed nerves
 - d. sensory nerves
- vii.** The lungs and heart are protected by the
- a. skull
 - b. rib cage
 - c. shoulder bone
 - d. backbone
- viii.** Movements of the human body are produced by the contraction and relaxation of
- a. nerves
 - b. blood
 - c. bones
 - d. muscles
- ix.** All the following are communicable diseases except for
- a. cancer
 - b. cholera
 - c. measles
 - d. small pox
- x.** Snakes move with the help of
- a. limbs
 - b. wriggling movement
 - c. plates on the lower side
 - d. legs

Q.7. Tick (☐) mark the correct word/phrase in the bracket.

(20 marks)

- i.** Fishes swim with the help of their (legs / fins)
- ii.** Webbed feet are found in (frogs / lizards).
- iii.** Bees make (nests / hive).
- iv.** Insects breathe through (lungs / air tubes).
- v.** (Fishes / toads) migrate.
- vi.** A butterfly has (sucking / piercing) mouthparts.
- vii.** Seeds should be stored in (airtight / air filled) containers.
- viii.** Rodents are (friends / enemies) of farmers.
- ix.** (Coconut / mangoes) float to far off places.

- x. Air exerts (weight / pressure).
- xi. Expired air contains (more / less) carbon dioxide than inspired air.
- xii. The inactive part of air is made up of (oxygen / nitrogen).
- xiii. Chalk is (soluble / insoluble) in water).
- xiv. Fossils are found in (igneous / sedimentary) rocks.
- xv. Scientists who study rocks are called (geologists / zoologists)
- xvi. (Copper / diamond) is used to make coins.
- xvii. The joints between the bones of the skull are (movable / immovable).
- xviii. It is dangerous to go near the fire wearing (cotton / nylon) clothes.
- xix. If petrol catches fire we should throw (sand / water) over it.
- xx. The first objective of first aid is to (save life / relieve pain).

8. Write True or False against each statement given below: (15 marks)

- i. Flies spread malaria. []
- ii. The shoulder joint is a ball and a socket joint. []
- iii. The heart muscle is an involuntary muscle. []
- iv. The hip joint is a hinge joint. []
- v. Chemical burns should be washed with a solution of potassium permanganate. []
- vi. The density of seawater is less than that of fresh water. []
- vii. A crow bar is an example of a first class lever. []
- viii. Petroleum is a fossil fuel. []
- ix. All insects have wings. []
- x. The conditions needed for the germination of seeds are soil and wind. []
- xi. Coal is a sedimentary rock. []
- xii. The air that we breathe in contains carbon dioxide. []
- xiii. The hot magma that reaches the surface of the earth is called lava. []
- xiv. A wheel barrow is an example of third class lever. []
- xv. A screw is an example of wheel and axle arrangement. []