



**THE LAWRENCE SCHOOL, SANAWAR**  
**Entrance Examination for Class VI**

**SCIENCE**

**Time: 01 Hour**

**Max. Marks: 100**

**Name (In Capital Letters)** \_\_\_\_\_

**Registration Number** \_\_\_\_\_

**Centre** \_\_\_\_\_

**MARKS OBTAINED**

**Note: Teacher on duty is requested to ensure that the child has written correct and complete Registration Number**

**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)*

**Name of the Teacher**

**Signature**

**Q1. Short Answer Questions:**

**(2 × 25 = 50)**

(a) Differentiate between the two ways in which plants reproduce?

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(b) What is seed dispersal? How do animals help in seed dispersal?

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(c) What are aerial animals? Name two flightless birds.

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(d) What is the difference between ligaments and tendons?

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(e) What are voluntary muscles? Why voluntary muscles are also called striped muscles?

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(f) Differentiate between sensory nerves and motor nerves.

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(g) What are reflex actions? How are they controlled?

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(h) What is a food pyramid? What does it tell us?

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(i) What is a balanced diet? What is the need for it?

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(j) Differentiate between a sprain and a fracture.

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(k) What is atmosphere? Name the layer of the atmosphere where we live in.

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(l) What is humidity? Name the device that measures the relative humidity.

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(m) What are eclipses? Name the two most important types of eclipses.

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(n) Objects weigh less on the moon than they do on the earth. Why?

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(o) What are artificial satellites? Name two uses of artificial satellites.

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(p) What is an earthquake? Name the device that measures the intensity of an earthquake.

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(q) What is greenhouse effect? Name two greenhouse gases.

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(r) Differentiate between biodegradable and non-biodegradable wastes.

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(s) What type of rock is coal? Name the four types of coal.

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(t) What are igneous rocks? Name a common igneous rock.

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(u) What is soil? What is it composed of?

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(v) Differentiate between a physical change and a chemical change.

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(w) Give any two points of difference between liquids and gases.

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(x) What is frictional force? Mention two ways to reduce it.

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(y) What is a screw? Why does a screw hold the wood more firmly than a nail?

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**Q2. Fill in the blanks:**

**(1 × 20 = 20)**

- (a) The \_\_\_\_\_ fruit is spongy and floats easily in water.
- (b) Birds and reptiles breathe through their \_\_\_\_\_.
- (c) Spiracles in insects lead into a network of tubes called \_\_\_\_\_.
- (d) We should never put out fires caused due to electric short circuit with \_\_\_\_\_.
- (e) All weather changes take place in the \_\_\_\_\_.
- (f) \_\_\_\_\_ is the most abundant gas in the atmosphere.
- (g) The moon is the only \_\_\_\_\_ of the earth.
- (h) When we see a thin portion of the moon. It is called the \_\_\_\_\_ moon.
- (i) A \_\_\_\_\_ is a tropical storm in the southern USA.
- (j) \_\_\_\_\_ in cars changes harmful gases into harmless ones.
- (k) \_\_\_\_\_ is used to make chalks.
- (l) In deserts and open lands, \_\_\_\_\_ causes soil erosion.
- (m) Molecules \_\_\_\_\_ be seen with naked eyes.
- (n) Gases such as oxygen and carbon dioxide \_\_\_\_\_ in water.
- (o) The ability of a body to do work is called its \_\_\_\_\_.
- (p) When replanted, \_\_\_\_\_ grows into a new plant.
- (q) \_\_\_\_\_ is used to make bricks and tiles.
- (r) Building \_\_\_\_\_ prevents river water to flood the nearby fields.
- (s) \_\_\_\_\_ is also called black gold.
- (t) Our body does not \_\_\_\_\_ roughage.

**Q3. State TRUE or FALSE.**

**(1 × 20 = 20)**

- (a) Hemp is an oil producing crop. \_\_\_\_\_
- (b) Bread mould reproduces by spores. \_\_\_\_\_
- (c) An earthworm breathes through its spiracles. \_\_\_\_\_
- (d) Dolphins have a blowhole for breathing. \_\_\_\_\_
- (e) Small mammals with sharp front teeth are called rodents. \_\_\_\_\_
- (f) Oysters have scales on their bodies for protection. \_\_\_\_\_
- (g) Mosquitoes have proboscis for sucking blood. \_\_\_\_\_
- (h) The second full moon of the month is called blue moon. \_\_\_\_\_
- (i) Gliding joint is found in human skull. \_\_\_\_\_
- (j) Nerves are made up of neurons. \_\_\_\_\_
- (k) Light enters the eye through pupil. \_\_\_\_\_
- (l) Malaria is caused by a protozoan. \_\_\_\_\_
- (m) Common cold is a non-communicable disease. \_\_\_\_\_
- (n) Distilled water is the purest form of water. \_\_\_\_\_
- (o) Ionosphere is a part of the exosphere. \_\_\_\_\_
- (p) Salt is an example of insoluble impurity. \_\_\_\_\_
- (q) Hot molten rocks inside the earth are called lava. \_\_\_\_\_
- (r) Gneiss is used in watches. \_\_\_\_\_
- (s) Ploughing of hills for cultivation reduces soil erosion. \_\_\_\_\_
- (t) Magnetic force is a contact force. \_\_\_\_\_

Q4. Fill in this 'rocky' puzzle:

$(\frac{1}{2} \times 8 = 4)$

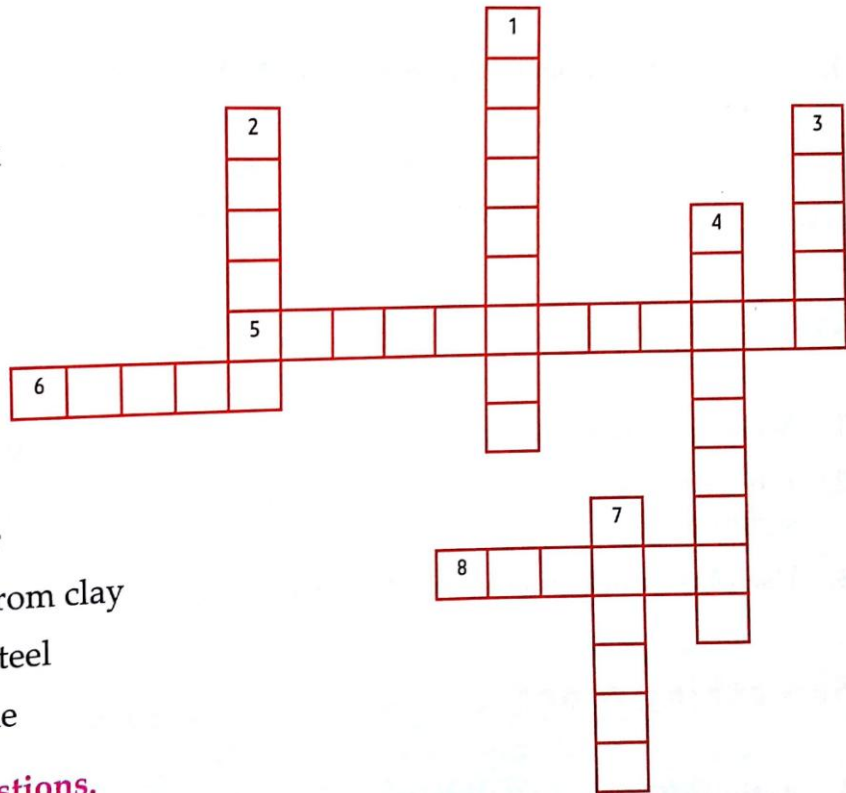
**D** Fill in this 'rocky' puzzle.

**ACROSS**

- 5. An uneven textured rock
- 6. Formed from shale
- 8. A hard volcanic rock

**DOWN**

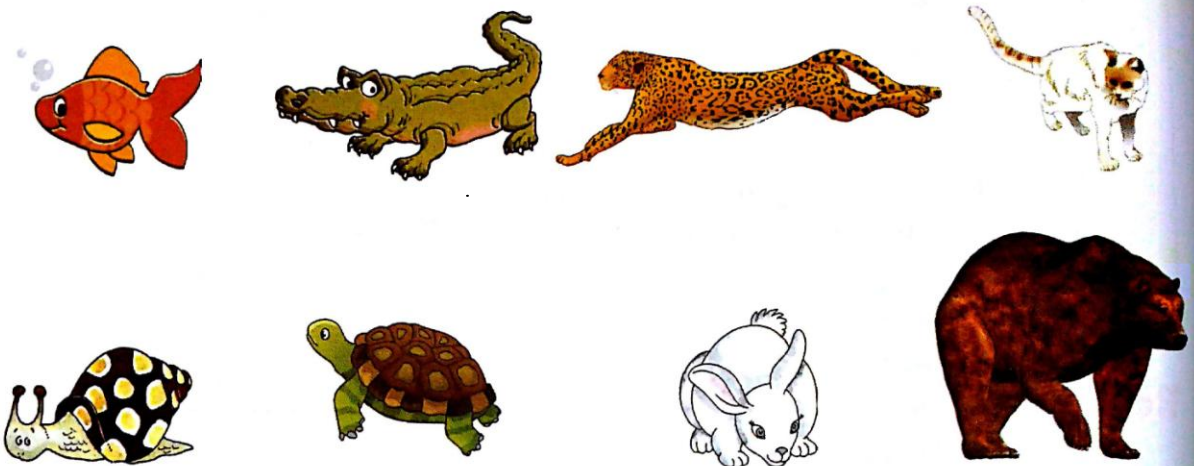
- 1. Formed from sand particles cemented together
- 2. Used as a body scrubber
- 3. A smooth rock formed from clay
- 4. Can cause a scratch on steel
- 7. Is formed from limestone



**Q4. Fill in the missing questions.**

Q5. Look at the pictures and write the names of animals in the correct groups as per the chart given below:

$(\frac{1}{2} \times 8 = 4)$

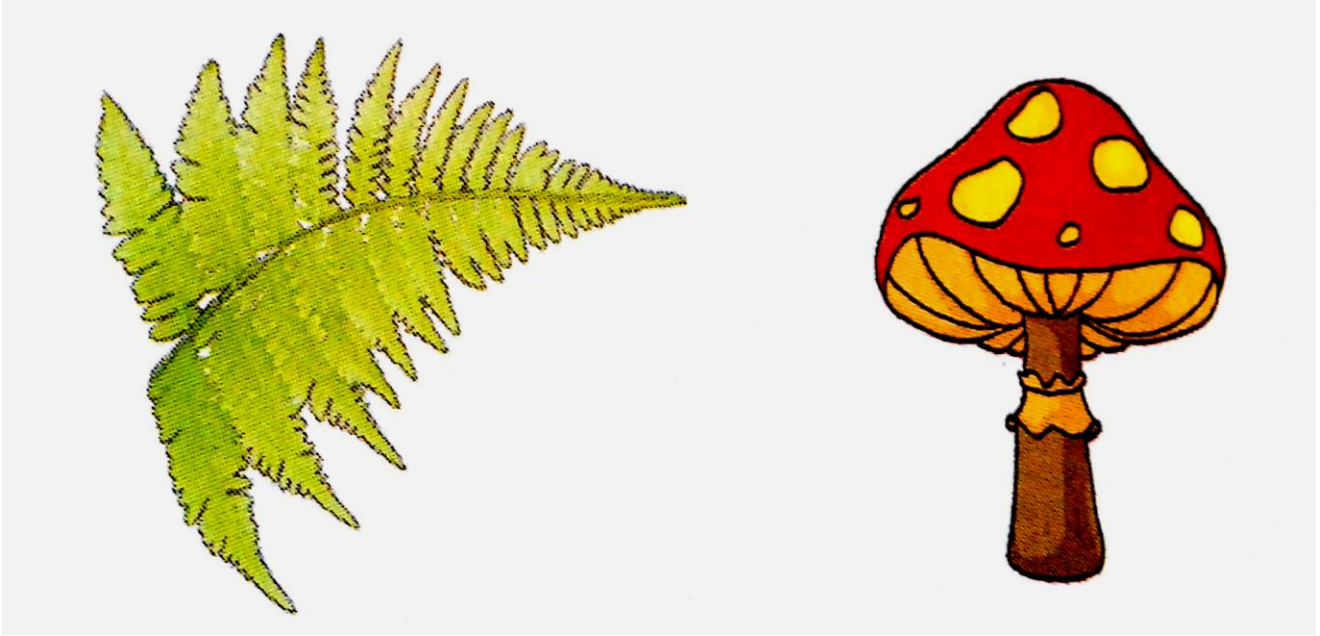


Animals with Shell	Animals with Spots	Animals with Scales	Animals with Fur



Q7. Identify the two plants shown below and find one similarity between them?

(2)



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