



UPDATED

Get

Suheere Asif Khan  
G. K.

# KNOWLEDGE



Name \_\_\_\_\_

Subject \_\_\_\_\_

STD. 5th C

DIV. \_\_\_\_\_

Roll No. \_\_\_\_\_

School \_\_\_\_\_



The Scholar

Book  
5

Vinay Mudaliar

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# 1. Nature's basket

The largest bird used to be the elephant bird of Madagascar. It grew up to 10 feet in height and weighed about 450 kg. It became extinct about 500 years ago.



The poison dart frogs are found in the rainforests of South America. They are small, colourful, and poisonous. Hunters use them to make poisonous arrows.

Bristlecone pine trees are one of the oldest known plants. They can live up to 5,000 years.



The Komodo dragon is the largest living species of lizard in the world. It can reach a length of up to 10 feet.

Plants have been used as medicines since pre-historic times. Let us learn more about medicinal plants.

Science and ICT

Lavender, marigold, and dandelion are flowers used in making medicines. Find out in what conditions they are used to treat.

Find

A. Fill in the blocks with the correct letters to identify plants that can be used as medicine.

1. Widely grown in India, the  A E L is also known as wood apple. It can provide relief from dysentery, constipation, and respiratory problems.



3. The herb called M T N T contains an acid which helps in relieving allergies, headaches, sore throat, common cold, indigestion, and gastric problems.



4. A M L A is also known as Indian gooseberry. It is a great source of vitamin C. It is used to cure sore throat, cold, and constipation. It helps in healing mouth ulcers.

C I V N M G O N

5. A household spice, C I V N M G O N is the bark of an evergreen tree. It helps in fighting infections, providing relief from heart diseases, and lowering blood sugar levels.



A bird that cannot fly is called a flightless bird. Its wings are smaller than its body. So, they do not give the 'lift' required to fly. Let us find out more about such birds.

Science and ICT

B. Identify these flightless birds by matching their pictures to the names given in the help box below. Write the correct letters in the boxes.

1.



2.



3.



4.



5.



6.



a) rhea    b) penguin    c) ostrich    d) kiwi    e) cassowary    f) emu

C. Given below are some facts about the flightless birds you identified above. Read the clues and write the correct letter from the box above.

1. I belong to a family of 18 species with 'emperor' being the largest and 'little' being the smallest.

b

2. I am the world's largest bird. I come from Africa, and I can reach speeds of up to 70 km/h.

c

3. I have a large bony growth on my bright blue head which is called a 'casque'.

e

4. I am the largest bird in South America. I stand around 5 feet tall and weigh up to 25 kg.

d

5. I lay only one egg, but it is so huge that it weighs one-fourth of my body weight.

f

6. I am the largest bird in Australia and the second largest in the world.

+

Did you know that bats are the only mammals that can fly? Let us learn some interesting facts about the animal kingdom.

Science and I.C.T



## Just for laughs

Have you wondered if there is more to life than eating?

Like sleeping

### D. Choose the correct option.

1. Muntjac, elk and caribou are types of which animal?

- a) dog  b) deer  c) dolphin  d) duck

2. Which is the largest 'big cat' in the world?

- a) tiger  b) leopard  c) lion  d) jaguar

3. Which animal is the main attraction in the Kaziranga National Park?

- a) zebra  b) one-horned rhinoceros   
c) lion  d) giraffe

4. A troop is a group of which animals?

- a) monkeys  b) vultures  c) crocodiles  d) giraffes

5. Which animal has the widest hearing range?

- a) lion  b) dolphin  c) bat  d) dog

6. In which country will you find peacock spiders which are known for their exotic colour and mating dances?

- a) India  b) Canada   
c) Australia  d) Malaysia



7. What is the gestation period of an elephant?

- a) 9 months   
b) 6 months   
c) 14 months   
d) 22 months



The period of time when a baby develops in the womb until its birth is called gestation period.

Animals linked to the history and culture of a country have become their symbols. Let us learn about some of these national animals.

30 4 25

### E. Match the following national animals to their countries.

1. Elephant



4a) Finland

3. Lion



5b) Indonesia

5. Komodo dragon



7e) Rwanda

7. Leopard



1g) Thailand

2. Red kangaroo



6c) Tanzania

4. Brown bear



6d) Pakistan

6. Markhor



1f) Australia

8. Giraffe



3h) Kenya

Critical Thinking Skills  
Communication Skills  
Collaboration Skills

Discuss

'You can always tell about somebody by the way they put their hands on an animal.' Do you agree? Discuss.

Endangered species are those animals whose numbers are reducing. Take the quiz to know more about such animals.

F. Read the clues and identify endangered animals in the world. Pick your answers from the help box.

1. Also known as sea cow, it can be found in the coastal waters of the Indian and western Pacific Ocean. They are threatened by hunting, fishing nets, water pollution, and human settlement.

dugong



2. It is found only in the southwest corner of Australia. Its habitat is being cleared for farming and mining. With less than 1,000 in the wild, it is in danger of dying out completely.



numbat

3. It is the fastest animal in North America. Millions of them once roamed North America, but their numbers have been reducing ever since.



pronghorn

4. It is the smallest member of its family. It can be found only in the red mangrove forests of an uninhabited island in Panama.

pygmy three-toed sloth



numbat  
pygmy three-toed sloth  
dugong  
pronghorn

#### Discover and Learn

All the pandas in the world are from China! Countries all over the world must take pandas on loan for their zoos from China. Find out more about why this happens.



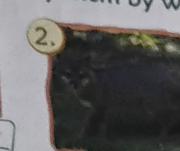
Many species of animals that once faced the danger of extinction are no longer endangered. Let us learn more about such animals.

Science and Tech

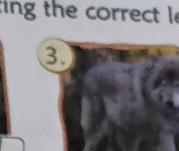
G. Given below are animals which are no longer considered critically endangered. Identify them by writing the correct letter in the boxes.



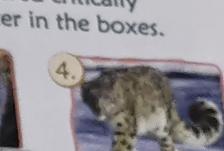
1.



2.



3.



4.

a) grey wolf   b) island fox   c) stellar sea lion   d) snow leopard

H. Given below are pictures of animals which were once declared extinct but have been rediscovered. Identify their names from the help box and write the correct letter in the boxes.



1.



2.



3.

This flightless and colourful bird from New Zealand was thought to be extinct in 1898 but was rediscovered in 1948.

b

This reptile was considered extinct until it was rediscovered in 1994 on the Isle of Pines in New Caledonia.

c

One of the world's smallest primates, it was believed to have been extinct until it was found in Indonesia in 2008.

a

a) crested gecko

b) takahē

c) pygmy tarsier

A major reason behind the list of endangered animals is natural disasters or calamities. Calamities destroy habitats. This leads to a reduction in the number of animals. Let us learn more about natural disasters.



## Life Skills

Value Integration

### AVALANCHE

It is a mass of snow that slides down a mountain slope. Due to weather disturbances, snow on a mountain slope becomes unstable. In mountainous regions, they are among the most serious natural hazards to life.



### EARTHQUAKE

When there is a shaking of the ground caused by a sudden shift in the earth's plates, it is called an earthquake. It causes damage to property and leads to loss of life.



### VOLCANIC ERUPTION

When magma under the ground rises, it creates pressure, reaches the surface, and erupts. The hot ash, gas, lava, and mud that erupts from a volcano is very dangerous. It can bury or burn people and buildings around the area.



### FLOOD

When dry land is temporarily covered by water due to an overflowing river, excessive rainfall, storms, hurricanes, or the sudden melting of snow and ice, it is called a flood.



### TSUNAMI

A series of powerful ocean waves produced by an underwater earthquake, landslide, volcanic eruption, or impact of an asteroid is called a tsunami. As the waves travel inland, their height increases and they sweep away anything that comes in their way.



### CYCLONE

A cyclone is a violent, swirling windstorm accompanied by strong winds and rain. Cyclones form as warm and moist air rises over the water forming clouds and wind. When the wind speeds exceed 74 miles per hour, the storm becomes a cyclone.



## OVER TO YOU

Read the story given below and answer the questions.

A tortoise and a hare were best friends. One day, the hare asked the tortoise if he would race with him. To his surprise, the tortoise agreed, though he was slow. When the race started, the hare ran too fast and got tired very soon. He found a spot to rest and fell asleep. The tortoise passed him by and won the race.

1. What did you learn from the story?
2. How can it help you in your life?
3. How can this help you to write your exams?
4. Why should we avoid being over-confident?



## Activity

Art Integration Value Integration Creativity

There are many animals that are endangered or extinct. Third Friday of May is celebrated as Endangered Species Day to promote awareness about such animals. Design a poster on the importance of protecting endangered animals.



## TEST YOUR KNOWLEDGE

Total marks: 30

(1 × 5 = 5)

A. Name the following by rearranging the letters.

1. Largest species of lizard: MOOKD RAGNOD KOMOD DRAGON
2. Largest bird in South America: HARE RHEA
3. National animal of Tanzania: FGIAREF GIRAFFE
4. Largest species of penguin: REOMPER EMPEROR
5. Fastest animal in North America: GROONPHNR PORNOHOR

(1 × 5 = 5)

B. Write T for True and F for False statements.

1. The largest bird used to be the elephant bird of Madagascar. T
2. Cinnamon is also known as wood apple. F
3. Underwater earthquakes, volcanic eruptions, or landslides can cause tsunamis. F
4. The egg of an ostrich weighs one-fourth of its body weight. F
5. Vultures are the only mammals that can fly. F

C. Fill in the blanks with the correct answers.

(2 × 4 = 8)

1. amla is also known as Indian gooseberry.
2. emu is the largest bird in Australia.
3. The bony growth on the head of a cassowary is called a casque.
4. The poison dart frogs are found in the rainforests of South America.

D. Look at the pictures and identify them.



Markhor

Pygmy three  
toed sloth

snow leopard

pygmy three  
toed sloth

Your total score: 18

## TEST YOUR KNOWLEDGE

Total marks: 30  
 $(1 \times 5 = 5)$

### A. Name the following by rearranging the letters.

1. Largest species of lizard: MOOOKD RAGNOD KOMOD DRAGON
2. Largest bird in South America: HARE RHEA
3. National animal of Tanzania: FGIAREF GIRAFFE
4. Largest species of penguin: REOMPER EMPEROR
5. Fastest animal in North America: GROONPHNR PRONGHORN

### B. Write T for True and F for False statements.

1. The largest bird used to be the elephant bird of Madagascar. T
2. Cinnamon is also known as wood apple. F
3. Underwater earthquakes, volcanic eruptions, or landslides can cause tsunamis. F
4. The egg of an ostrich weighs one-fourth of its body weight. F
5. Vultures are the only mammals that can fly. F

### C. Fill in the blanks with the correct answers.

$(2 \times 4 = 8)$

1. amla is also known as Indian gooseberry.
2. emu is the largest bird in Australia.
3. The bony growth on the head of a cassowary is called a casque.
4. The poison dart frogs are found in the rainforests of South America.

### D. Look at the pictures and identify them.

Amexica  $(3 \times 4 = 12)$



Markhor



Pygmy three  
toed sloth



snow Leopard

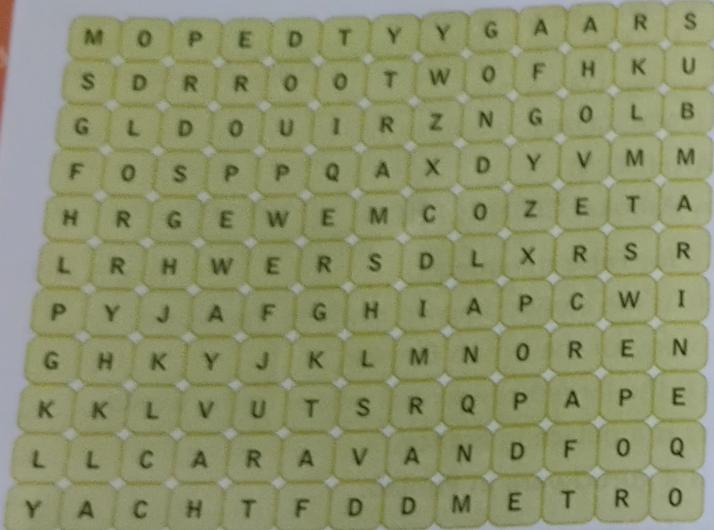


pygmy marmoset

Your total score: 18

### 3. Break time

A. Find and circle the names of different vehicles in the grid below.



GONDOLA  
TRAM  
METRO  
HOVERCRAFT  
SUBMARINE  
ROPEWAY  
CARAVAN  
YACHT  
MOPED  
LORRY

B. Rearrange the letters to find out the names of famous chocolates. Write the circled letters in the space below to spell out another word.

1. SKRCENSISI
2. KTIKTA
3. CHUNNM
4. DYAIRKILM
5. KNEDIIROJY

The hidden word is: \_\_\_\_\_

C. Check your knowledge of famous firsts by Indians with the quiz.

1. First Indian woman to climb Mount Everest: \_\_\_\_\_
2. First woman President of India: \_\_\_\_\_
3. First Indian woman to receive the Bharat Ratna: \_\_\_\_\_
4. First Indian Nobel laureate: \_\_\_\_\_
5. First Indian to travel to space: \_\_\_\_\_
6. First Indian woman to become Miss Universe: \_\_\_\_\_
7. First Prime Minister of India: \_\_\_\_\_
8. First Indian woman to win a silver medal at the Olympics: \_\_\_\_\_

D. Help the plane reach the airport.



E. Turn FOOL into SAGE by changing a letter in each turn.

Play and Learn

FOOL  
POOL

Hint: place to swim

Hint: process of taking a vote

Hint: long metal object

Hint: light in shade

Hint: sheet in a book

SAGE



UPDATED

GEN

Suheere Asif Khan  
G. K.

# KNOWLEDGE



Name \_\_\_\_\_

Subject \_\_\_\_\_

STD. 5th C

DIV. \_\_\_\_\_

Roll No. \_\_\_\_\_

School \_\_\_\_\_



The Scholar

Book  
5

Vinay Mudaliar