

Gadgets Around

Gadgets are useful in our day to day life. They help us to get our work done smoothly and easily. Identify the following devices and write their names using the Help Box.

1.



2.



3.



4.



5.



6.



Help Box

Water Purifier

Vaccum Cleaner

Laptop

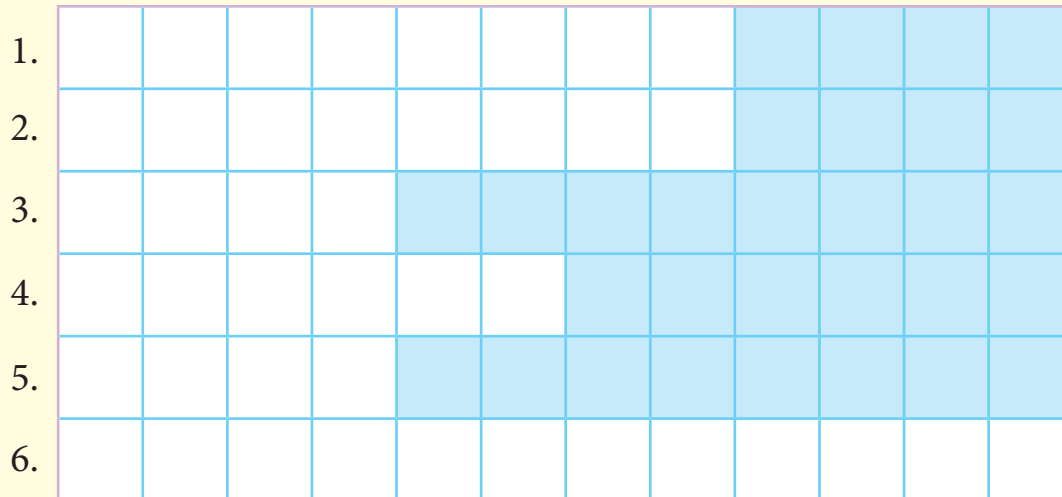
Tablet

Microwave

Mixer + Grinder

Plants in Our Life

We find different types of plants around us. Read carefully the descriptions of plants given below and then write the answers in the crossword.



1. I am a plant without flowers and leaves. My colour is not green. I am umbrella shaped.



Flax



Broccoli

2. I am a vegetable. I look like cauliflower but have green or purple flower buds.



Fern



Bamboo

3. I am a flowerless plant usually found in damp places.



Pitcher Plant



Mushroom

4. We are the tallest grasses in the world.

5. My fibres give you linen.

6. I am a plant. I love to eat insects.

Nature Nurtures

We get a variety of things from plants. Names of some plants are given in Column 1. Match them with their common use in Column 2.

Column 1	Column 2
1. Cotton →	← a. Medicine
2. Spinach →	← b. Essence in ice-cream
3. Rice →	← c. Chocolate
4. Sugarcane →	← d. Clothes
5. Neem →	← e. Perfume
6. Groundnut →	← f. Vegetables
7. Rose →	← g. Food grain
8. Cocoa →	← h. Oil
9. Vanilla →	← i. Sugar



Rice plantation



Cotton



Rose



Groundnut



Vanilla plant



Cocoa



DO YOU KNOW?

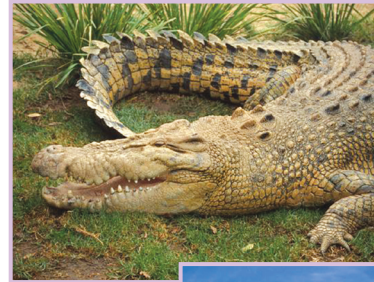
Pure chocolate comes from cocoa solids and cocoa butter. It takes 400 cocoa beans to make one pound of chocolate.

Animal Truth

See the picture clues and read the given description. Find out the names of creatures and write them in appropriate boxes.

1. An animal that never stops growing.

C					d	i		e
---	--	--	--	--	---	---	--	---



2. An animal whose large hind legs and feet help him in leaping.

		n			r		
--	--	---	--	--	---	--	--



3. A mammal whose horn is made up of mass of compressed hair.

R					o				
---	--	--	--	--	---	--	--	--	--



4. An animal who greets another by shaking hands and is just like humans.

C								e	
---	--	--	--	--	--	--	--	---	--



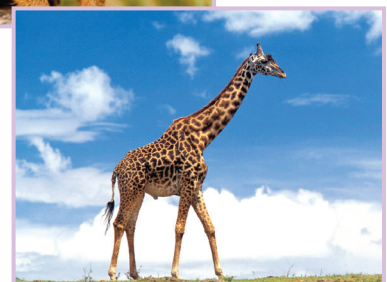
5. An animal which is the snake's greatest enemy.

M							e
---	--	--	--	--	--	--	---



6. An animal who is strictly vegetarian.

		r				
--	--	---	--	--	--	--

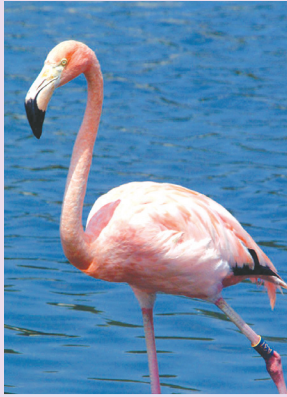


DO YOU KNOW?

Hippopotamus can stay in water for 16 hours.

Up in the Air

Birds belonging to different categories are given below. Place each group in its respective category.



1. Wading
Birds

2. Water
Birds



3. Sea
Birds

4. Flightless
Birds



5. Birds of
Prey

6. Perching
Birds



- a. duck, swan, goose
- b. mocking bird, raven, jack daw
- c. falcon, hawk, osprey

- d. heron, stork, flamingo
- e. tern, albatross, pelican
- f. kiwi, emu, ostrich



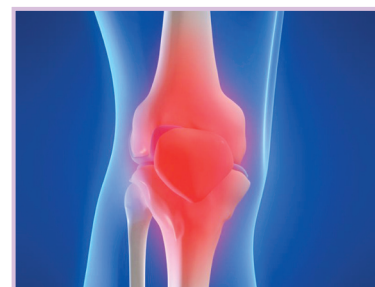
DO YOU KNOW?

Parrots are among the longest lived birds.

▶ Listen Doctor

The names of different illnesses are given in Column A and that of the body parts are given in Column B. Match the ailments with the appropriate body parts.

Column A	Column B
1. Pneumonia →	← a. Intestine
2. Conjunctivitis →	← b. Joints
3. Typhoid →	← c. Lungs
4. Jaundice →	← d. Glands
5. Arthritis →	← e. Lungs
6. Tuberculosis →	← f. Liver
7. Tonsillitis →	← g. Head
8. Migraine →	← h. Eyes

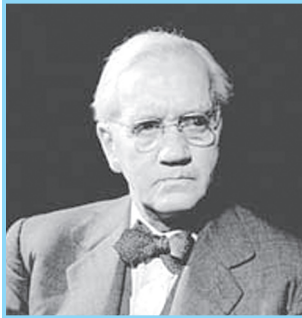


? DO YOU KNOW?
India celebrated a landmark achievement in public health on 11 February 2014—the victory over polio (UNICEF).

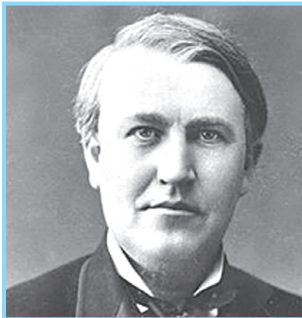


Great Pioneers

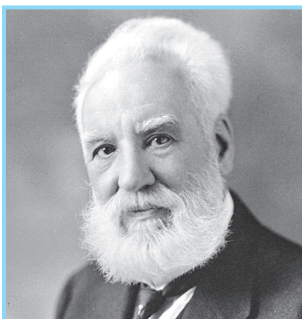
One line riddles are given below. Identify the great personalities and complete their names with the help of given clues and pictures.



Alexander Fleming



Thomas Edison



Graham Bell



Madame Curie

1. I invented Telephone.

G _____ B _____

2. I invented Radio.

G. _____

3. I was the first person to declare that the earth is round.

G _____

4. I invented Steam Engine.

J _____ W _____

5. I discovered Radium.

M _____ C _____

6. I invented Bulb.

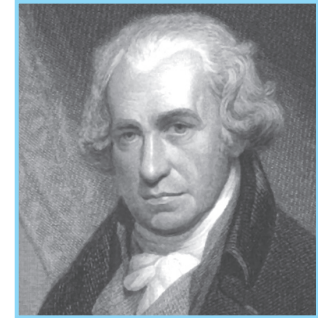
T _____ E _____

7. I invented Television.

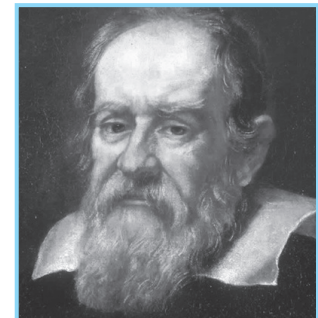
J. L. B _____

8. I am a scientist who discovered an antibiotic called Penicillin.

A _____ F _____



James Watt



Galileo



G. Marconi



J. L. Baird



DO YOU KNOW?

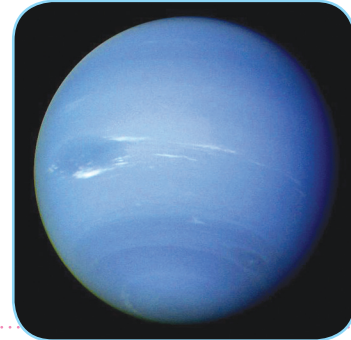
Steve Jobs co-founded Apple computer, and he is known as the 'Father of Technology'.

Earth and Its Friends

Read the given clues. Unscramble the letters given in the boxes and write the correct answer in the space provided.

1. This planet has 13 known moons.

T N U P E E N



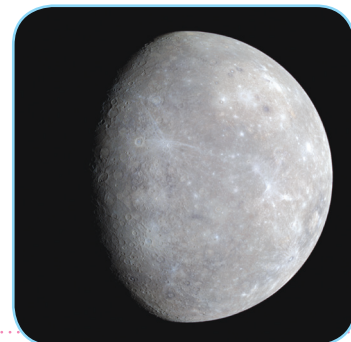
2. It is bluish green in colour.

N U R A S U



3. It is the swiftest and closest to sun.

Y R M U E C R



4. It is the brightest planet.

E N U S V



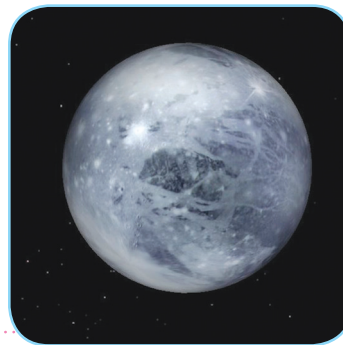
5. It is the largest planet within the solar system.

R E I J P T U



6. The planet has recently been dubbed as an asteroid.

U O P L T



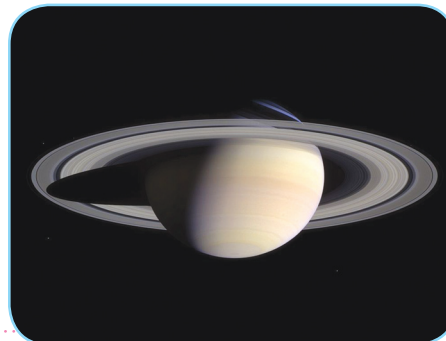
7. The planet covered more by water than by land.

T H R E A



8. The second largest planet surrounded by beautiful rings.

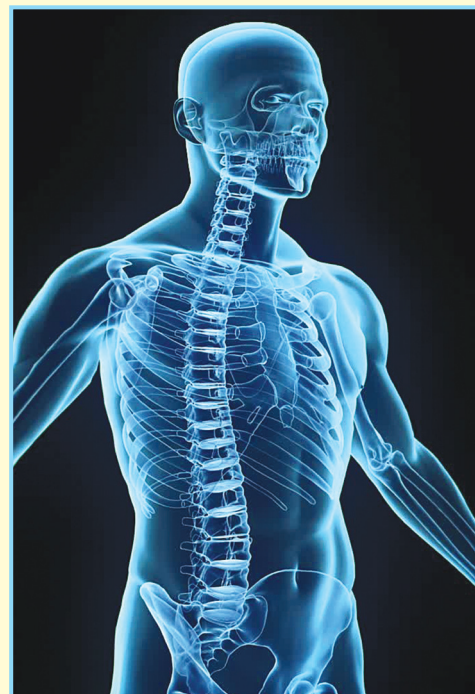
R U T S A N



Fact File

Body Facts

- ▶ Our heart is made up of special muscles not found in any other part of the body.
- ▶ The brain is the body's main control centre.
- ▶ More than two-thirds of the weight of our body is due to the presence of fluids in it.
- ▶ Both the eye balls move together. They are always in motion, even during sleep.
- ▶ Human nose acts as an air conditioner and air purifier for our body.



Body Signals

- ▶ The nutritional level of our body comes down when we feel hungry.
- ▶ Sweat keeps the body cool and removes waste.
- ▶ We feel thirsty when the water balance in our body gets disturbed due to any activity.
- ▶ Blinking helps the eyes to keep them clean and moist.



Our Ecology

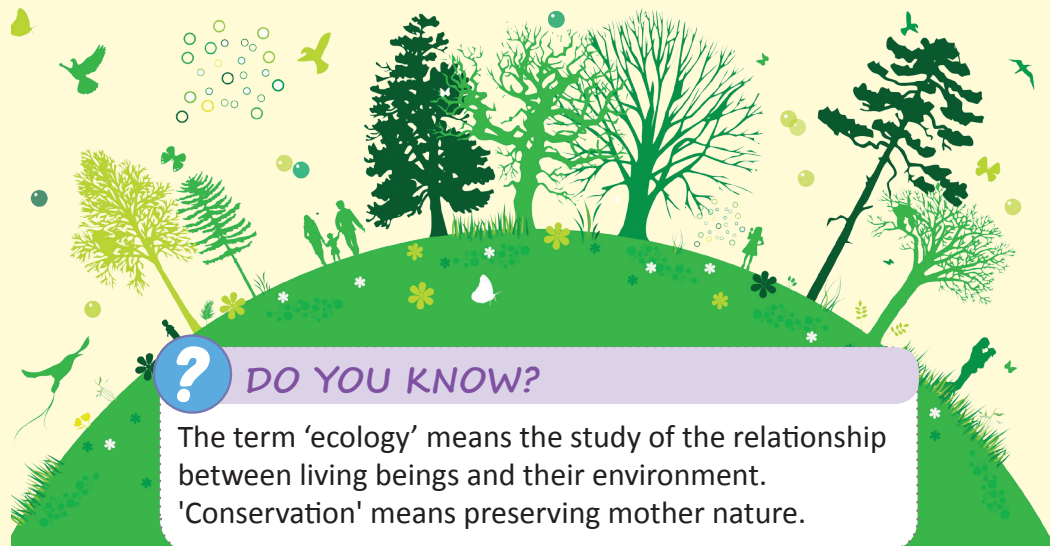
Increased destruction and degradation of forests and treelands has disturbed the ecological balance.

Effects

- ▶ It has caused loss of habitat among animals.
- ▶ Air pollution has increased the temperature of the atmosphere (global warming).
- ▶ Water pollution and too much of fishing has disturbed and affected water animals.
- ▶ Wild ass and Gir lion are on the verge of extinction.

Conversation

- ▶ Recycling of one tonne of waste paper to make new paper can save 15 trees from being cut down.
- ▶ Use of cycles or pool vehicles for going to work place will save fuel.
- ▶ Conversion of waste, such as vegetable peelings, by leaving them in a special container to rot into rich soil compost, will provide organic fertilizers.
- ▶ Say 'No to Plastic Bags'. Use alternatives.
- ▶ Use 'Eco-friendly products' in household and consumer goods.
- ▶ Discourage encroachment/destruction of forests.



Test Your Wisdom

1. One name in each set differs from others. Ring the odd one out.

- Lion, Elephant, Octopus, Zebra
- Pitcher plant, Venus flytrap, Maize
- Almond, Pepper, Clove, Cinnamon
- Fish, Turtle, Dolphin, Grasshopper
- Oxygen, Hydrogen, Nitrogen, Aluminium



2. Read the following statements carefully and state whether they are true or false. Write 'T' for true and 'F' for false.

- Saffron is a spice which gives flavour and colour to food. ☐
- Every part of coconut tree is used. ☐
- Husk of Isabgul can be taken as a medicine against sleeplessness. ☐
- Dog fish can bark like a dog. ☐
- A tube where digestion takes place is called the Large Intestine. ☐
- Speedometer helps in speeding up vehicles. ☐

3. Read the given names and place them under the correct categories.

Handycam, Olive, Wheat, Ferns, Rudolf Diesel, Mary Anderson, Computers, Jackal, Porcupine, Tiger, Ipod, Pacemaker, Wright Brothers

Plants	Animals	Gadgets	Inventors

4. Two options are given with each statement. Choose the correct option to complete the statement.

- a. Using less paper means cutting _____ trees. (more/less)
- b. Car pooling will save _____ as well as reduce _____.
(fuel, traffic/pollution, vehicles)
- c. Plastic bags are non-biodegradable which means they cannot be _____.
(dumped/destroyed)
- d. Many animals have become extinct (disappeared) because they have been _____. (made pet/killed)
- e. Spraying of pesticides, indirectly affects _____ who eat insects.
(crops/birds)
- f. Pollution has _____ the temperature of atmosphere.
(increased/decreased)
- g. Mosquitoes breed in _____ water. (running/stagnant)

5. Read the questions given below and choose the correct answer.

- a. Which of the following is an illness of eyes?
☐ Conjunctivitis ☐ Tonsilitis ☐ Typhoid
- b. Which is the brightest planet?
☐ Earth ☐ Venus ☐ Mars
- c. Which animal uses its hind legs and feet in leaping?
☐ Kangaroo ☐ Horse ☐ Zebra
- d. Who invented the Steam Engine?
☐ Galileo ☐ Marconi ☐ James Watt
- e. Which organ of human body acts as a control centre?
☐ Feet ☐ Brain ☐ Heart
- f. What is the horn of Rhinoceros made up of?
☐ Bone ☐ Muscle ☐ Mass of compressed hair

Abbreviations

Read the following abbreviations and write their full form.

Medicine

1. **R X**

2. **O P D**

3. **T A B**

4. **O T**

5. **I C U**



Defence



1. **A H Q**

2. **N D A**

3. **I M A**

Non-Governmental Organisation

1. **S B T**

2. **C R Y**

3. **W V I**



Weather Report

Read carefully the given statements related to weather. Write a term for each in the space provided.

1. The earth is wrapped in a layer of air called—

A t

2. A violent storm with a strong wind.

C y

3. The amount of moisture in the air.

H u

4. Little drops of water found on leaves and flowers in the morning.

D e

5. An instrument that measures the amount of rainfall.

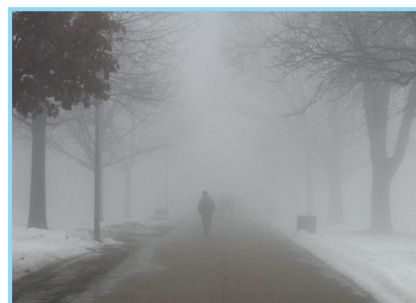
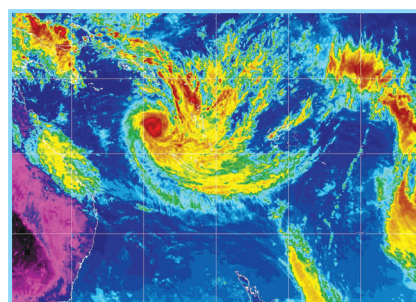
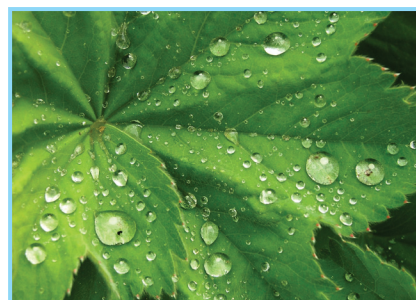
R a

6. The study of weather conditions.

M e

7. The cloud at ground level.

F



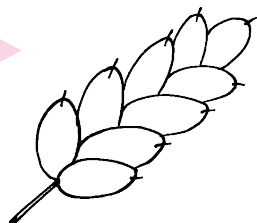
ACTIVITY

Read the weather report from the newspaper everyday and draw the symbols it shows. Compare the two months' weather report.

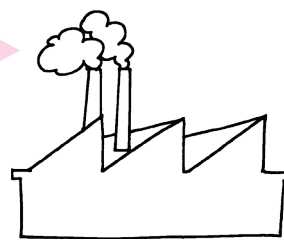
Fun with Symbols

Here are some symbols given below. See them carefully and write what they denote. You may take the help of the Help Box.

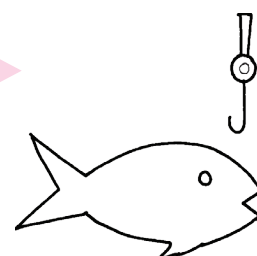
1.



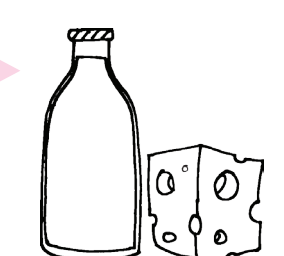
2.



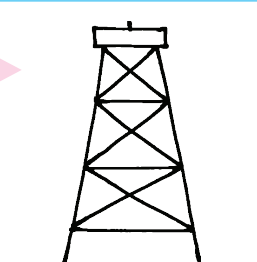
3.



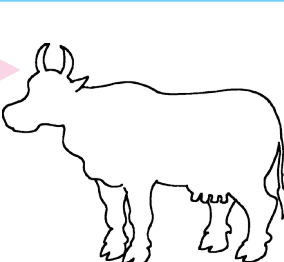
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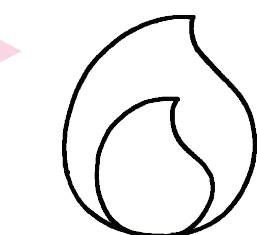
5.



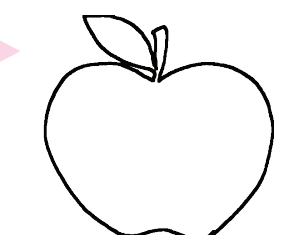
6.



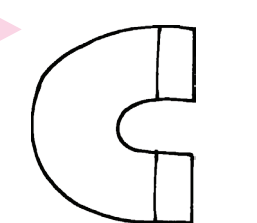
7.



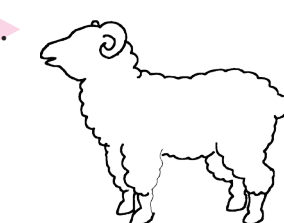
8.



9.



10.



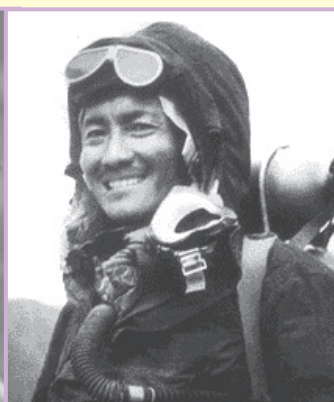
Help Box

Wheat	Natural Gas	Sheep	Dairy Products	Oil
Industries	Fishing	Cattle	Iron ore	Fruits

Fact File

Tenzing Norgay

MYSTICAL MOUNTAINEER



- ▶ Tenzing Norgay was born in Nepal and is often referred to as 'Sherpa Tenzing'.
- ▶ On 29 May 1953, Edmund Hillary and Tenzing Norgay became the first to reach the summit of Mt. Everest.
- ▶ Both spent 15 minutes after reaching the highest destination at Mt. Everest.
- ▶ Tenzing had never used a recorder and camera, so Edmund's voice could not be recorded on Mt. Everest.
- ▶ Tenzing received the 'George Medal' from Queen Elizabeth II for his expedition.
- ▶ In 1959, Govt. of India awarded him 'Padma Bhushan'.



Capitals

Names of capital cities of the given countries are hidden in the word puzzle. Spot them out and write them in front of their respective country.

I	T	T	C	O	L	O	M	B	O
S	U	O	K	S	M	R	S	N	U
L	K	K	A	B	U	L	P	Q	R
A	S	Y	T	E	H	R	A	N	B
M	M	O	H	N	I	K	D	S	A
A	A	J	M	P	T	L	H	R	N
B	N	B	A	G	H	D	A	D	G
A	I	H	N	R	N	R	K	P	K
D	L	P	D	O	P	S	A	T	O
R	A	O	U	W	T	O	T	O	K
A	B	E	J	I	N	G	N	K	T

COUNTRY	CAPITAL
1. Japan	_____
2. Pakistan	_____
3. Thailand	_____
4. Afghanistan	_____
5. Nepal	_____
6. Iran	_____
7. Iraq	_____
8. China	_____
9. Bangladesh	_____
10. Sri Lanka	_____



India Wild Knowledge

Read the following statements/questions and answer them. You can take the help of the Help Box.

1.



What is the name of the park on which Jim Corbett wrote a famous book about tigers?



2.



“Snake Snake all the way”. Which city in India is noted for its Snake Park?



3.



Which is the largest bird sanctuary in India?



4.



Where is Periyar Tiger Reserve situated?

Help Box

Kerala

Jim Corbett National Park (Uttarakhand)

Chennai

Bharatpur Sanctuary

World Wildlife Fund (WWF)


5.



Which organisation has the Giant Panda as its symbol?

Famous Foods

Famous food items of different countries are given below. Write the name of the country to which they belong to, using the Help Box.

FOOD		COUNTRY	
1. <i>Hilsa Fish</i>		_____	Help Box Bangladesh Bhutan Nepal China Pakistan Sri Lanka
2. <i>Chow Mein</i>		_____	
3. <i>Momos</i>		_____	
4. <i>Kebabs</i>		_____	
5. <i>Thambli</i>		_____	
6. <i>Thukpa</i>		_____	

ACTIVITY

Make your own recipe booklet and share with your mother or grandmother.

Asian Wonders

Given below are some pictures of World Heritage Sites. Write the name of the country they belong to.

1.



Name: Angkor

Country:

C _ _ _ _ _ a

2.



Name: Sanchi Stupa

Country:

I _ _ _ _ a

3.



Name: Mohanjodaro

Country:

P _ _ _ _ _ n

4.



Name: Sunderbans

Country:

B _ _ _ _ _ d _ _ _ h

Asian Pride & Honour

Complete the sentences with the help of the clues given.

1. First Asian country to win to the Nobel Prize in literature.

_____ a

2. First Asian country to host the Olympic games.

_____ n

3. First Asian country to launch Earth satellite.

_____ a

4. First Asian country to host the Commonwealth games.

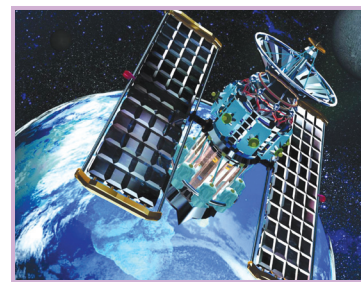
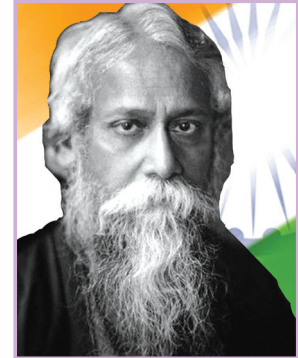
_____ a

5. First Asian country to win the Miss Universe.

_____ s

6. First Asian country to host the Asian Cup Cricket.

_____ s



Help Box

Philippines	Malaysia	China
Japan	United Arab Emirates	India

Fact File

Asia

- ▶ India has never invaded any country in her last 10,00,00 years of history.
- ▶ Maldives are formed from coral reefs. There are about 1200 islands, but only 200 islands are inhabited.
- ▶ Bhutan is known as the 'Land of the Thunder Dragon'. All Bhutanese citizens have to wear the national costume.
- ▶ In North Korea all the factories and farms, even the cars are owned by the government.
- ▶ The Japanese call their island 'Nippon', meaning the 'Source of the sun'.
- ▶ In Indonesia, many active volcanoes form the part of the danger zone called 'Pacific ring' of fire.



Test Your Wisdom

1. Read the statements given below. Write 'T' for true and 'F' for false.

- a. Colombo is the capital city of Sri Lanka. ☐
- b. Tenzing Norgay was awarded with *Padma Vibhushan*. ☐
- c. Bharatpur Sanctuary is the largest sanctuary in India. ☐
- d. *Chow Mein* is the famous food of China. ☐
- e. Japan was the first Asian country to hold the Olympic games. ☐

2. Read the statements given below and complete them.

- a. If you are in the Land of Thunder Dragon, you would be in _____
- b. If you want to eat something special in Bhutan, you will eat _____
- c. If you want to see Sanchi Stupa, you would visit the country, _____
- d. If you want to see Snake Park, you will have to go to _____
- e. If you want to see Tenzing Norgay's birth place, you will visit the country, _____

3. Three options are given with each statement. Tick ☒ the correct option.

- a. Taj Mahal is a—
☐ Fort ☐ Memorial ☐ Gateway
- b. He was the famous Indian classical singer.
☐ Bhimsen Joshi ☐ Ramdas ☐ Angad
- c. A place where coins are made.
☐ Mint ☐ Bank ☐ Treasury
- d. The largest country in the world is—
☐ Russia ☐ Canada ☐ India

4. Name the cities, you would be visiting, if you arrived at these airports.

- | | |
|--------------------------------|---------|
| a. Indira Gandhi International | N _____ |
| b. Netaji Subhash Chandra Bose | K _____ |
| c. Changi | S _____ |
| d. Heathrow | L _____ |
| e. John F. Kennedy | N _____ |

5. The names of different countries and their capital cities are given below in two columns. Match them.

- | Column 1 | Column 2 |
|------------------|----------------|
| a. Australia → | ← Kuala Lumpur |
| b. France → | ← Jakarta |
| c. Indonesia → | ← Paris |
| d. Zimbabwe → | ← Seoul |
| e. Malaysia → | ← Harare |
| f. South Korea → | ← Canberra |

6. Identify the following signs and symbols.