

## ► Nature's Blessing

Mother nature has abundance of plants which have medicinal values. Read the given statements and rearrange the scrambled letters to discover the names of some plants which enrich our lives.

1. Antiseptic soaps are made from leaves of this plant. (MENE)

\_\_\_\_\_



neem

2. Oil of this plant is used in shampoos. (BAOJOJ)

\_\_\_\_\_



jojoba

3. Paste of its seeds prevents loss of hair. (KREEGUNEF)

\_\_\_\_\_

4. Quinine for treatment of Malaria is obtained from its bark. (CHOCINNA)

\_\_\_\_\_

5. Its leaves are used in Ayurveda for digestive disorders. (MANUJ)

\_\_\_\_\_



fenugreek

6. Its husk is used for the treatment of constipation. (BASIGUL)

\_\_\_\_\_



jamun



### DO YOU KNOW?

- Banana leaf is still used as a surgical dressing.
- Black pepper is good for Arthritis.

# Join the Race of Champs

Pick up the champions from the Help Box and place them against their correct description.

1. The largest sea bird that can fly great distances. \_\_\_\_\_
2. The champion sleeper among insects. \_\_\_\_\_
3. The creature that can lay largest number of eggs. \_\_\_\_\_
4. The bird that can fly backwards. \_\_\_\_\_
5. The animal that lives the longest. \_\_\_\_\_
6. The longest snake in the world. \_\_\_\_\_
7. The tallest bird that lays the largest egg. \_\_\_\_\_
8. The snake that can kill an elephant. \_\_\_\_\_
9. The creature having largest eyes. \_\_\_\_\_



Turtle



Albatross



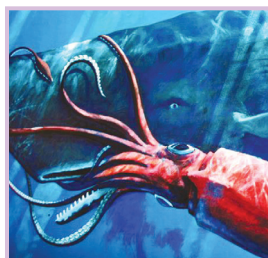
Humming bird



Oyster



King Cobra



Giant Squid



Python



Cicada



Ostrich

**? DO YOU KNOW?**  
A snail can travel over a razor blade without cutting itself.

## Help Box

Ostrich	Turtle	King Cobra	Albatross	Cicada
Humming bird	Giant Squid	Oyster	Python	

## ▶ Amazing Animals

Here are certain amazing facts given about the animal kingdom. Match the animals mentioned in Column A with their special features in Column B.

Column A	Column B
1. A fish that warns us against pollution. →	← a. scales
2. Through this action, bees communicate with each other. →	← b. pair of long antennae
3. Instead of nose, ants smell through it. →	← c. feet
4. This action helps tigers to heal their wounds. →	← d. dancing
5. By counting these, you can determine the age of a fish. →	← e. trout
6. Butterfly tastes different things by this body part. →	← f. licking
7. The gorilla beats this body part to show anger. →	← g. 200 years
8. The age a tortoise can live up to. →	← h. chest





# Fishing Time

There are about 25,000 kinds of fish living on the earth. Description of some fish is given below. Catch the correct fish from the Help Box and place them against the correct description. The first letter is given to make your search easy.

1. A harmless and intelligent shark.

D
2. The slowest fish.

S

H
3. The smallest fish.

P

G
4. The most dangerous fish.

P
5. The largest fish.

W

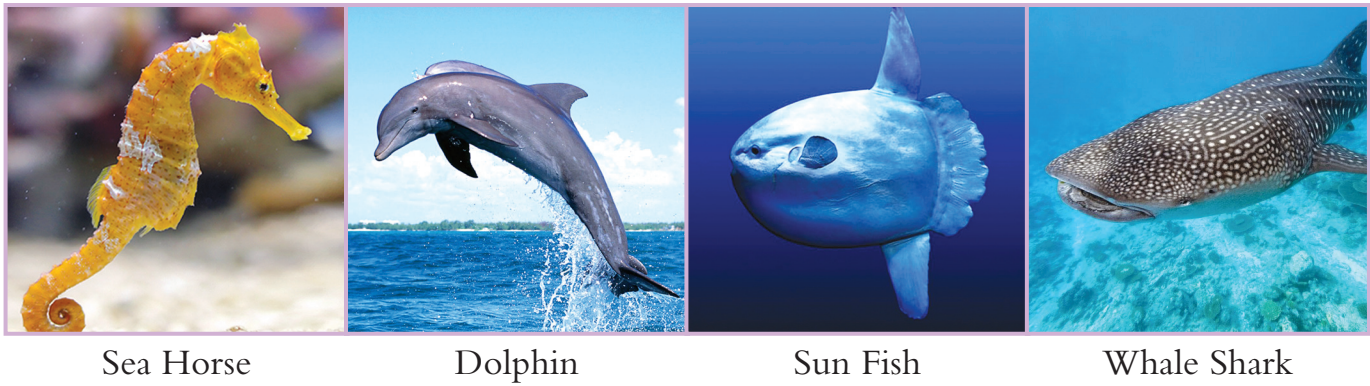
S
6. A highly poisonous fish.

S

t
7. A natural millionaire that lays more eggs than any other fish, about 300 million eggs.

S

u



Help Box			
Sea Horse	Sun fish	Dolphin	Piranha
Whale Shark	Stone fish	Phillipine Goby	

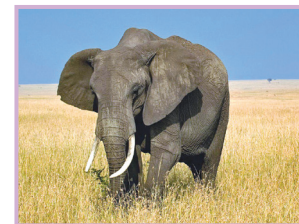
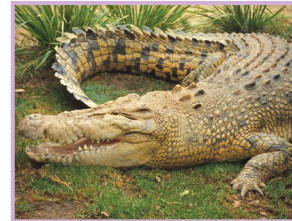


## ▶ Extinct or Endangered

**Endangered species** are the ones which are not extinct yet, but are in a danger of **Extinction** because of human greed and thoughtless killing of animals.

Identify the following endangered species with the help of given clues.

1. These reptiles are trapped for their skin.  
C \_\_\_\_\_
2. They are hunted for their horns which are presumed to have medicinal value.  
R \_\_\_\_\_
3. This animal is the world symbol of conservation. It is decreasing in number because of loss of habitat.  
G \_\_\_\_\_ P \_\_\_\_\_
4. It is hunted for its expensive tusk.  
E \_\_\_\_\_
5. It is the largest animal killed for its expensive oil.  
W \_\_\_\_\_
6. It is a water animal, an intelligent mammal and a great entertainer.  
D \_\_\_\_\_
7. The largest bird on earth. It was at one time mainly hunted for its tail feathers.  
O \_\_\_\_\_



### DO YOU KNOW?

The largest Dinosaur (that lived on the earth millions of years ago before human existence) was almost 90 feet long.

## Machine Era

Many developments in the field of science have made our lives longer and easier. Match these developments with the given descriptions.

1. A machine used for tracing heart movements.	X-Ray
2. A machine used to produce an image of internal organs without surgery.	Defibrillators
3. A machine used to revive the patient during the cardiac arrest.	Ultra Sound
4. A machine used to take the picture of bones.	E.C.G. (Electrocardiography)
5. A machine that produces a three dimensional image of functional processes in body.	E.E.G. (Electroencephalography)
6. A machine often used to record brain disorder.	PET (Positron Emission Tomography)



X-Ray



Defibrillators



E.C.G.



PET



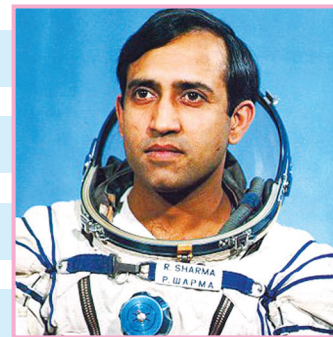
### DO YOU KNOW?

MRI (Magnetic Resonance Image) was invented by Raymond Damadian. It gives more accurate and detailed images than ordinary X-Rays.

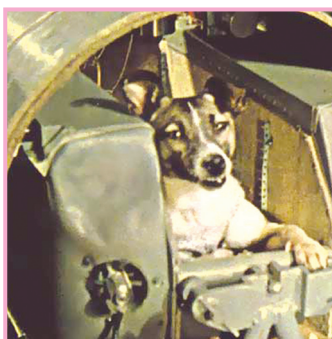
1.	V			t		k							
2.	N				A								g
3.	Y	u	r	i	G					n			
4.	A						L			o	v		
5.	L				a								
6.	M		r										
7.	C							a					
8.	A									a			
9.	R						S					a	



1. First ever manned space vehicle.



2. First man to land on moon.



3. First man to travel in space.



4. First person to walk in space.



5. First dog to go into space.

6. First space station in orbit.

## 7. First reusable space craft.

8. First Indian satellite.

9. First Indian to go to space.

20



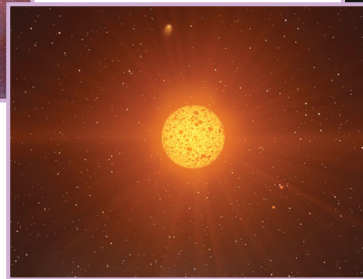
## Counting Stars

Here are certain facts about stars. Match the facts in Column A with the name of the stars in the Column B.

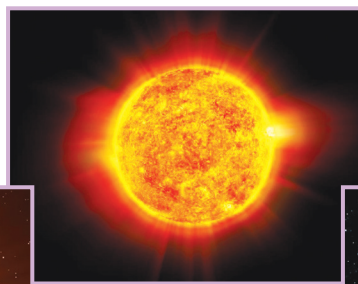
Column A	Column B
1. The closest star to the Earth.	a. Antares
2. The brightest star.	b. VY Canis Majoris
3. The star which can be seen throughout the year in the Northern Hemisphere.	c. Sun
4. The largest star.	d. Polaris
5. The star which is often mistaken as Mars.	e. Sirius
6. The dwarf star.	f. Proxima Centauri



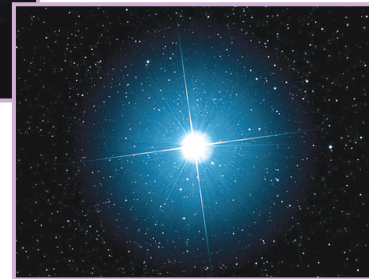
Antares



Proxima Centauri



Sun



Sirius



### DO YOU KNOW?

There are different colours of stars. Hot stars give away blue light and cool stars look white.

## Fact File

### Animal World

- ▶ Some insects may live for a year even when their heads are cut off.
- ▶ If you cut the tail of a lizard, it will regenerate after some time.
- ▶ If you cut an earthworm into two, each half will become a new worm.
- ▶ A chameleon takes on the colour of the object on which it rests.
- ▶ Age of a horse is counted by looking at its teeth.
- ▶ The egg of a sea horse (fish) hatches inside the pocket of its father's belly.
- ▶ A kangaroo maintains its balance with the help of its tail.
- ▶ A snake has only one lung.
- ▶ Lion has the smallest heart of all beasts of prey.
- ▶ If a starfish is cut into large pieces, each piece will grow into a complete fish.

### Special Doctors



### A Doctor who treats—

- ▶ allergies - allergist
- ▶ heart diseases - cardiologist
- ▶ skin & its diseases - dermatologist
- ▶ illness and disorders of the mind - psychiatrist
- ▶ eye and its diseases - ophthalmologist
- ▶ digestive system disorders - gastroenterologist
- ▶ kidney disorders - nephrologist

### ? DO YOU KNOW?

The Red Cross society works all over the world to bring relief to injured and sick people. Doctors, nurses and volunteers from Red Cross go to places of war, earthquake, famine and flood. A similar society is the Blue Cross that brings relief to injured animals.

# Test Your Wisdom

1. If the statement is correct, make a tick ☑, if wrong put a cross ☒.

- a. Liver is not a part of human digestive system.
- b. Insectivorous plants grow on fertile soil.
- c. Rat is a rodent.
- d. Blood bank provides blood to the needy persons.
- e. The atmosphere of moon is similar to that of the earth.
- f. A space station is a two storeyed apartment in New York.
- g. Dodo and Moa are the birds which are not alive any more.
- h. A funny bone is not bone but a nerve in the elbow.

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

2. Read the clues given below and complete the puzzle.

- a. Quinine is obtained from its bark.
- b. The longest living animal.
- c. World symbol of conservation.
- d. First dog to go into the space.
- e. This star is seen in the Northern Hemisphere.
- f. These rays help doctors in detecting broken bones.
- g. A fish that warns against pollution.



- a.
- b.
- c.
- d.
- e.
- f.
- g.




3. Three answers are given for each statement. Tick ☒ the correct one.

a. A gun fired from the moon cannot be heard at all because—

- ☐ there is no life on the moon.  
☐ the moon has no air.  
☐ the sound of the gun is lost in the craters on the moon.



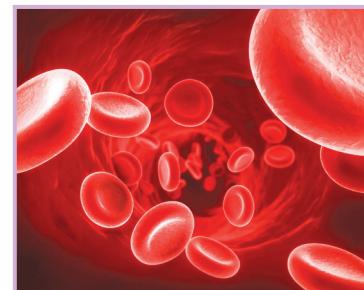
b. Onion is a modified—

- ☐ root.  
☐ stem.  
☐ leaf.



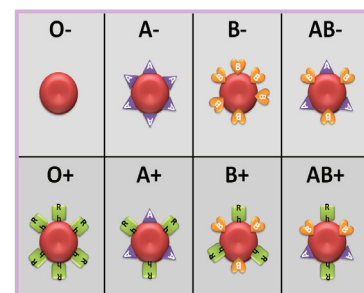
c. Blood appears red because of—

- ☐ chlorophyll.  
☐ iron.  
☐ haemoglobin.



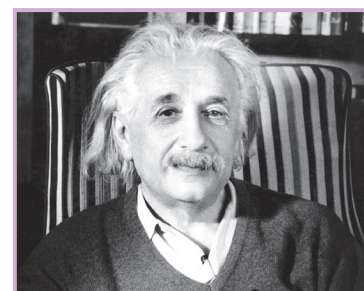
d. The four blood groups in human beings are—

- ☐ A,B, AB & O.  
☐ A, B, C & D.  
☐ A, B, AB, & X.



e. Albert Einstein was a—

- ☐ violinist.  
☐ scientist.  
☐ dentist.



4. Encircle the odd one out.



- a. bladderwort      sundew      pitcher plant      rafflesia
- b. elephant      shark      whale      dolphin
- c. dinosaur      dodo      mammoth      ostrich
- d. starfish      lizard      butterfly      earthworm
- e. gibbons      orangutans      chipmunks      langurs
- f. bryophyllum      rose      marigold      hibiscus
- g. wheat      rice      bread      butter

5. Match the following columns.

A

B

- |                    |   |  |
|--------------------|---|--|
| a. Piranha         | → | ← (i) first man to travel in space     |
| b. Bees            | → | ← (ii) tallest bird                    |
| c. Yuri Gagarin    | → | ← (iii) treats eyes and their diseases |
| d. Ophthalmologist | → | ← (iv) pair of long antennas           |
| e. Ostrich         | → | ← (v) dangerous fish                   |
| d. Butterfly       | → | ← (vi) communicate through dance       |

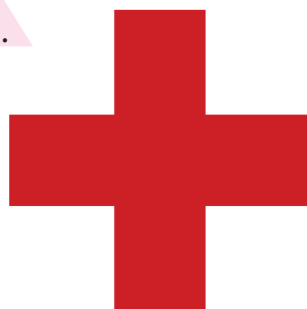
## ▶ Important Signs & Symbols

Identify the given signs and symbols. Choose and write their correct names from the given Help Box.

1.



2.



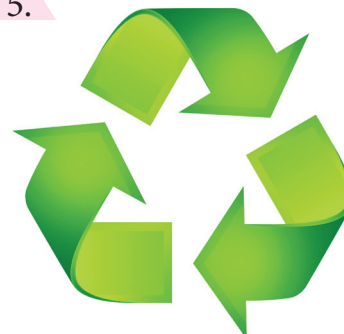
3.



4.



5.



6.



7.



### Help Box

Peace

United Nations  
Organisation

Red Cross

Physically  
Disabled

Danger

Reduce-Recycle-  
Reuse

World Wildlife



## Name Game

Give below are the some countries who have changed their names. Unscramble the letters given in the box to find out their new names.

1. Congo

– E A I R Z

\_\_\_\_\_



2. Burma

– Y A M A N R M

\_\_\_\_\_



3. Ceylon

– R S I L N A A K

\_\_\_\_\_



4. Siam

– H A I T A N L D

\_\_\_\_\_



5. Persia

– R A I N

\_\_\_\_\_



6. Mesopotamia

– Q R A I

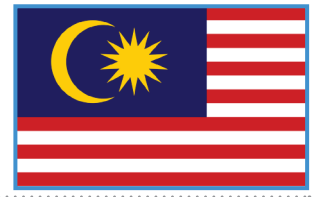
\_\_\_\_\_



7. Malaya

– A L A A I S Y M

\_\_\_\_\_



















DO YOU KNOW?

A **passport** is an official document required to travel from one county to another.

# Popularly Known As

Match the countries/continents/cities in Column A with their nicknames in Column B.

Column A	Column B
1. Africa 	 a. Land of rising sun
2. Argentina 	 b. Land of kangaroos
3. Norway 	 c. Land of silver
4. Japan 	 d. Land of midnight sun
5. Australia 	 e. Dark Continent
6. Hong Kong 	 f. Gift of Nile
7. New York 	 g. Fragrant Harbour
8. Egypt 	 h. Big Apple



Japan



Australia



New York



Egypt



## DO YOU KNOW?

Japan is the country which has had the most number of earthquakes.

# World's Wonders

Given below are the pictures of Seven Wonders of the World as per the online voting organised by the New7Wonders Foundation. Identify their names and the country where they are located. One is done for you.



Taj Mahal  
India



P  
J



G  
C



C  
B



Pyramid at C  
M



M  
P

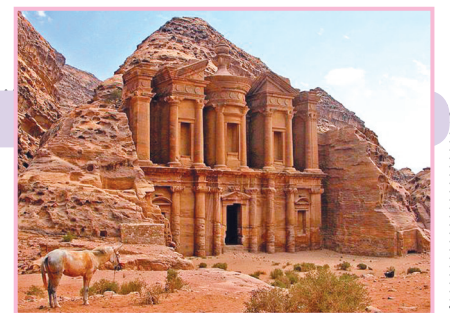


C  
I



## DO YOU KNOW?

Petra is an ancient city in Jordan which has been completely carved directly into the rock.





## Communication Zone

Given below are the most spoken languages of the world. Name the country where these languages are spoken.

Language	Country
1. French	_____
2. Malay	_____
3. Arabic	_____
4. Mandarin	_____
5. Portugal	_____
6. Spanish	_____

### Fun Time

#### Say 'Hello'

French – Bon Jour

Malay – Selamat Pagi

Portugal – Born Dia

Mandarin – Ni Hao

Spanish – Hola



# Currency

Given below are some of the most expensive currencies in the world. Match them with their countries.

## Currency

1. Dollar



2. Pound



3. Rial



4. Lats



5. Franc



6. Dinar



## Country

a. Kuwait



b. Oman



c. United Kingdom



d. Switzerland



e. United States of America



f. Latvia



## DO YOU KNOW?

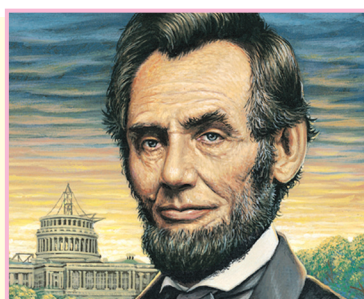
**Mint** is the place where coins are made.

## Great Personalities

Read the given riddles carefully and give the answers. The pictures given are clues for you.

1. She was a famous queen of England. She ruled England for 63 years. She was also the Empress of India. There is a memorial in Kolkata built in her name. Who was she?

Q \_\_\_\_\_



2. He was born in a Log Cabin. He loved reading. Later he became the president of USA. Who was he?

A \_\_\_\_\_

3. He was a sailor who sailed across the Atlantic Ocean and discovered America. His surname was Columbus. What was his first name?

C \_\_\_\_\_



4. He first became known in 1930's for creating cartoon characters. One of his famous cartoon character is Mickey Mouse. Who was he?

W \_\_\_\_\_

5. He made himself the emperor of France in 1804. He was ambitious and he set out to conquer the whole of Europe. Who was he?

N \_\_\_\_\_



## Days to Remember

You must have celebrated many international days in your school. Recall them once again. Using the Help Box write these days according to the dates given. One is done for you as an example.

<b>JANUARY</b> <b>4</b> <hr/> <hr/>	<b>FEBRUARY</b> <b>21</b> <hr/> <hr/>	<b>MARCH</b> <b>8</b> <hr/> <i>International Women's Day</i> <hr/>
<b>APRIL</b> <b>22</b> <hr/> <hr/>	<b>MAY</b> <b>1</b> <hr/> <hr/>	<b>JUNE</b> <b>5</b> <hr/> <hr/>
<b>JULY</b> <b>11</b> <hr/> <hr/>	<b>AUGUST</b> <b>19</b> <hr/> <hr/>	<b>SEPTEMBER</b> <b>8</b> <hr/> <hr/>
<b>OCTOBER</b> <b>24</b> <hr/> <hr/>	<b>NOVEMBER</b> <b>16</b> <hr/> <hr/>	<b>DECEMBER</b> <b>5</b> <hr/> <hr/>

### Help Box

International Mother Language Day	Earth Day	World Environment Day
World Humanitarian Day	United Nation Day	World Migratory Day
International Women's Day	Literacy Day	World Population Day
International Day of Tolerance	World Cancer Day	International Soil Day



## Fact File

### Big and Small (World)

- ▶ The largest airport in the world is 'King Fahd International Airport' in Damman, Saudi Arabia.
- ▶ The largest desert in the world is 'Sahara desert' in Africa.
- ▶ The largest fresh water lake in the world is 'Lake Superior' in USA.
- ▶ The longest mountain chain in the world is 'Andes' in South America.
- ▶ The smallest city is in the world 'Vatican city' in Rome.
- ▶ The largest island in the world is 'Greenland'.
- ▶ The highest waterfall on the earth is 'Angel falls' in South America.
- ▶ The highest peak of the world is 'Mount Everest'.
- ▶ The largest salt water lake in the world is 'Caspian Sea'.
- ▶ The largest and deepest ocean in the world is 'Pacific Ocean'.
- ▶ The deepest point in the world's oceans is 'Mariana Trench' located in Pacific Ocean.



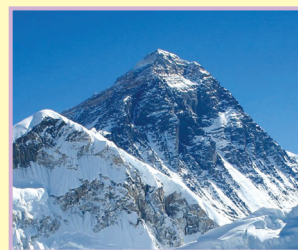
Sahara desert



Vatican city



Greenland



Mount Everest



Pacific ocean

## Test Your Wisdom

### 1. Read the following statements and name the country.

- This country has the Pope as its head.
- This country has 20 times more sheep than people.
- The Dutch people live here.
- The Windy City is located here.
- We like 'Nippon' battery. The word 'Nippon' belongs to this country.
- The world's fastest conventional train—TGV-POS runs here.

### 2. Read the following statements and tick ☒ the correct answer.

- This capital city, once divided by a wall, is now united.  
 Berlin ☐    China ☐    Seoul ☐
- The capital city in which Gate of Heavenly Peace can be seen.  
 Tiananmen (Beijing) ☐    London ☐    Rome ☐
- This capital city was named after the first president of its country.  
 Rajiv Chowk ☐    Washington D.C. ☐    Indira Chowk ☐
- The number of oceans in the world.  
 3 ☐    4 ☐    5 ☐
- It is the famous waterfall located at the border of USA and Canada.  
 Angle ☐    Niagara ☐    Superior ☐
- It is the tallest skyscraper in the world.  
 Burj Khalifa ☐    Opera House ☐    Burja Haveli ☐

3. Read the names given in each group and find out what is common in them.

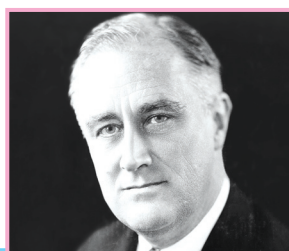
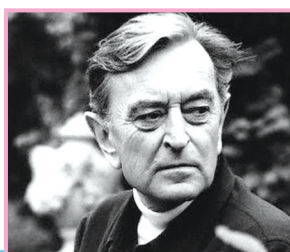


a.

John. F. Kennedy

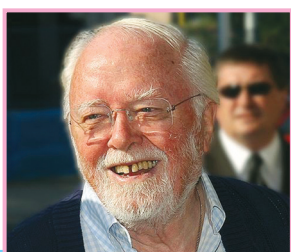


Ronald Reagan

Franklin D.  
Roosevelt

b.

David Lean

Richard  
Attenborough

Shekhar Kapur



c.

Vasco-da-Gama



Robert Peary



James Cook

4. Fill in the following blanks.

- a. The land of midnight sun is \_\_\_\_\_.
- b. The Great Wall is located in the country, \_\_\_\_\_.
- c. The older name of Iran was \_\_\_\_\_.
- d. The Mandarin is spoken in the country, \_\_\_\_\_.
- e. Dinar is the official currency of \_\_\_\_\_.
- f. Abraham Lincoln belonged to the country, \_\_\_\_\_.