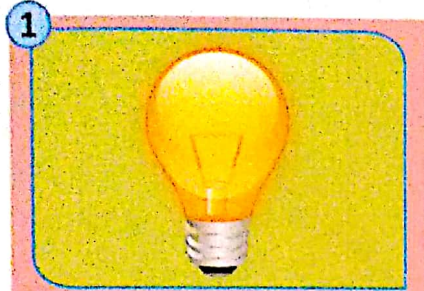


# Inventions That Changed The World

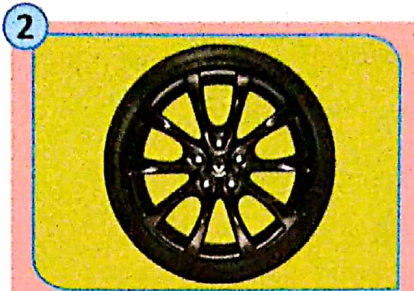


Recognize the following greatest inventions, and name them. For clues use the help box.



This makes possible to work at night. It increases the productivity of businesses and enhances the quality of life.

.....



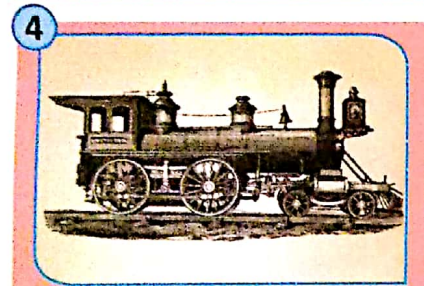
This makes the transportation of goods much faster and more efficient.

.....



This invention made the printing of books easier and faster. It is responsible for many other inventions.

.....



This invention improves the transportation, agriculture and manufacturing industries.

.....



It can store vast amount of information, It can do complicated mathematical calculation very fast.

.....



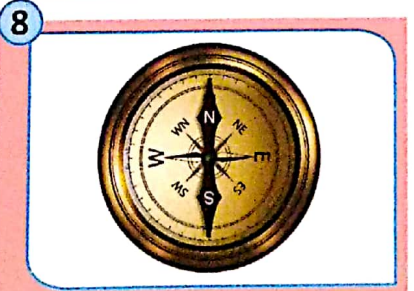
It has transformed the world. It provides easy access to information from all over the world at any time.

.....



The invention of this, help us build and repair things.

.....



This invention was used for the navigation in past. It is sometimes still used in the Modern World.

.....



This invention made possible to fly over thousand of miles.

.....

**Help  
Box**

(a) internet

(e) tools

(h) steam engine

(b) aeroplane

(f) compass

(i) printing press

(c) electric bulb

(g) computer

(d) wheel



# Indian State Birds

Did you know that each state in India has its own state bird, state animal and state plant? Given below are the names of states and birds. Can you number the pictures to match the names of the states?



Great hornbill



Asian koel



Black-necked crane

1. Andhra Pradesh



Hill myna

2. Tamil Nadu

3. Delhi



Indian roller

4. Maharashtra

5. Jammu and Kashmir



Great flamingo

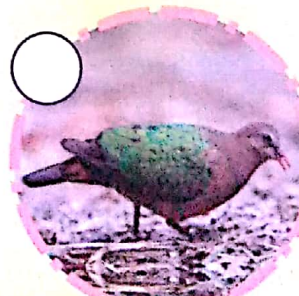
6. Jharkhand

7. Kerala



Cyrus crane

8. Gujarat



Emerald dove

9. Uttar Pradesh

10. Meghalaya



Yellow-footed green pigeon



House sparrow

# Indian State Birds

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Great hornbill



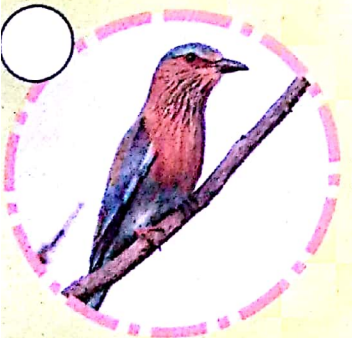
Asian koel



Black-necked crane



Hill myna



Indian roller



Great flamingo



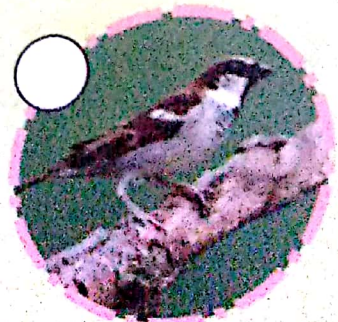
Cyrus crane



Emerald dove



Yellow-footed green pigeon



House sparrow

1. Andhra Pradesh
2. Tamil Nadu
3. Delhi
4. Maharashtra
5. Jammu and Kashmir
6. Jharkhand
7. Kerala
8. Gujarat
9. Uttar Pradesh
10. Meghalaya

# Hybrid Animals

A hybrid or crossbreed is the result of combining the qualities of two organisms of different breeds.

## Liger

It is crossbreed between a male lion and a female tiger.



## Tigon

It is a crossbreed between a male tiger and a female lion.

## Beefalo

It is a crossbreed between domestic cattle and American bison.



## Wholphin

Wholphin is a rare crossbreed. It is a crossbreed between bottlenose dolphin and false killer whale.

## Cama

It is a crossbreed between a male dromedary camel and a female llama.



## Dzo

A dzo is a crossbreed of yak and domestic cattle.

# Pets At Home



Whenever we hear the word pets, the picture of dogs strike our mind immediately. Given below are pictures of some common dogs which you see in your neighborhood. Identify them and write their names using the help box.



1



2



3



4



5



6



7



8



9



10

## Help Box

(a) Dobermann

(b) Labrador

(c) Great Dane

(d) Pit bull

(e) German Shepherd

(f) Pomeranian

(g) Bulldog

(h) Boxer

(i) Saint Bernard

(j) Pug



## more fun

Indian Pariah dog is the most common dog breed found in streets of India.

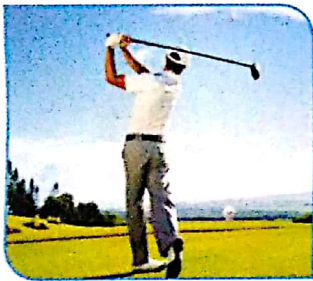
# Guess The Sport

Recognize the sports by reading the clues.



1. It is the national sport of Bhutan. It involves shooting arrows with a bow at a fixed target board. ....

2. It is the national sport of Japan. It is a wrestling sport in which a wrestler attempts to force another wrestler out of a circular ring or into touching the ground. ....



3. It is the national sport of Scotland. A player in this sport strikes a small ball with various clubs from a series of starting points into a series of holes on a course. ....

4. It is the national sport of Sri Lanka. It involves two teams of six players, who are separated by a net. Each team tries to score points by grounding a ball on the other team's court.  
.....



5. It is the national sport of Slovenia. It involves moving over snow on a pair of long, flat runners attached or bound to shoes or boots . ....

## Help Box

- (a) golf      (b) volleyball      (c) sumo wrestling  
(d) skiing      (e) archery



## more fun

*Sepak Takraw is a popular sport in Southeast Asia, this game resembles volleyball but instead of hands, players use their feet, knees, chest and head to move the ball around.*

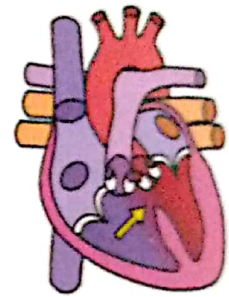


# Branches Of Science



How many branches of science do you know? There are many branches of science, each concerned with the particular field of study. Let us learn about some of them.

- Aeronautics - Science of flight of airplanes.
- Astronomy - Study of heavenly bodies.
- Botany - Study of plants.
- Cardiology - Study of heart.
- Cryptography - Study of secret writing.
- Dermatology - Study of skin.
- Ecology - The study of relationship between organisms and environment.
- Entomology - Study of insects.
- Ethology - Study of animal behaviour.



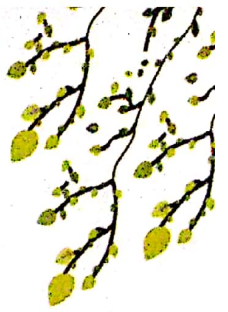
- Geology - Study of science of earth, its structure and history.
- Ichthyology - Study of fish.
- Immunology - Science which deals with the study of resistance of organism against infection.



- Meteorology - Study of weather and phenomena relating to it.
- Neurology - Study of nervous system.
- Ornithology - Study of birds.
- Osteology - Study of bones.
- Paleontology - Study of fossils.
- Psychology - Study of nature, functions, phenomenon of the human mind.
- Zoology - Study of animals.



# Indian Currency



Read and learn about the currency of India.

- The Indian currency is called the Indian Rupee (INR). Its smaller unit is called paisa. One Rupee consists of 100 paise.
- The symbol of the Indian rupee is ₹, designed by D Udaya Kumar.
- The Reserve Bank of India (RBI) controls the issue of currency. The government, on the advice of the Reserve Bank, decides on the various denominations and designs of bank notes.



## more fun

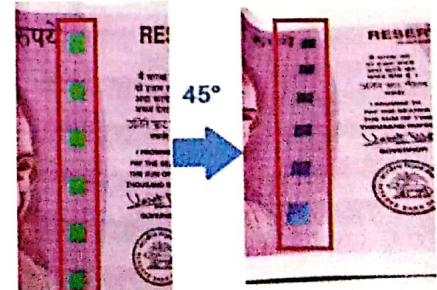
After demonetization of Indian currency of higher value notes of Rs 500 and Rs 1000, by the Indian Government on 8th November 2016, notes of Rs 500 and Rs 1000 were taken back by the banks. The RBI issued new notes of Rs 500 value and also introduced new notes of Rs 2000 value first time.

What are the main security features of currency notes in India?

**Security Thread:** All the currency notes have security thread. When the notes are held against the light, the security thread on Rs 2000, Rs 500 and Rs 100 can be seen as one continuous line.



**Intaglio Printing** (i.e. in raised print which can be felt by soft touch): This feature is added in the bank notes for the convenience of the blind peoples. The Ashok Pillar Emblem on the left, portrait of Mahatma Gandhi, the Reserve Bank seal, guarantee and promise clause, RBI Governor's signature are printed in intaglio.



**Optically Variable Ink:** The numerals 500 and 2000 on the ₹ 500 and ₹ 2000 notes are printed in Optically Variable Ink, a colour-changing ink. The colour of these numerals appears green when the notes are held flat but would change to blue when the notes are held at an angle.





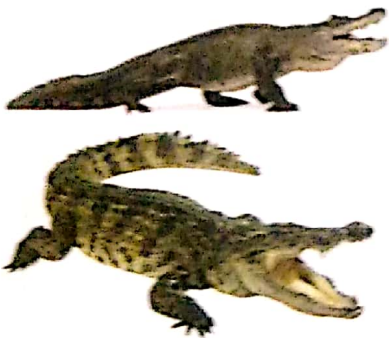
# Reptiles



Reptiles have scaly skin or horny plates that protect their bodies. Snakes, lizards, crocodiles, alligators, turtles and tortoises are all reptiles. All reptiles are cold blooded and most of them lay eggs.

**What does 'cold-blooded' mean?**

A cold blooded creature is one that is not able to make its own body heat. It is as warm or as cold as the air around it. When the air is cold, reptiles lie in the sun to warm up. When it is hot, they can go into water or shade to cool off.



**What is the difference between a crocodile and an alligator?**

A crocodile has a narrower head than an alligator. A crocodile's lower teeth can always be seen, even when its mouth is closed.

An alligator's bottom teeth cannot be seen when its mouth is closed.

**Name these reptiles. You can use the help box.**



(1) .....

(2) .....

(3) .....



(4) .....

(5) .....

(6) .....

## Help Box

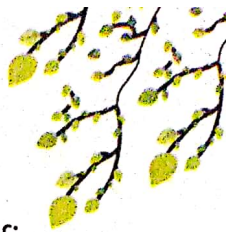
- (a) frilled lizard
- (d) gila monster

- (b) gecko
- (e) gharial

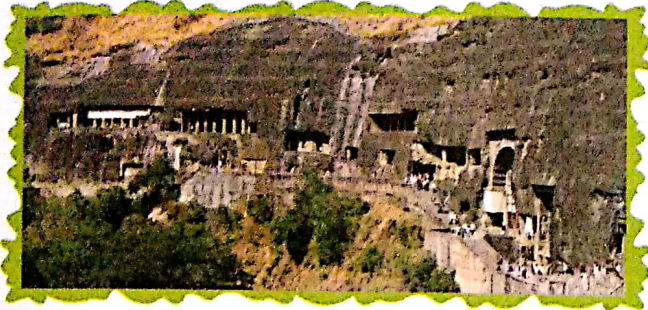
- (c) anaconda
- (f) green vine snake



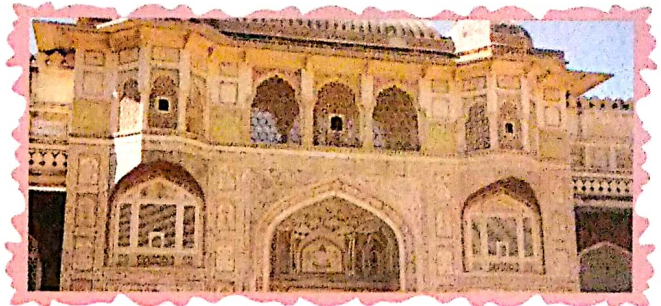
# Indian Monuments



Given below are the pictures of monuments, famous for their historical significance and excellent structure. Write their names in the spaces provided. Take help from the help box.



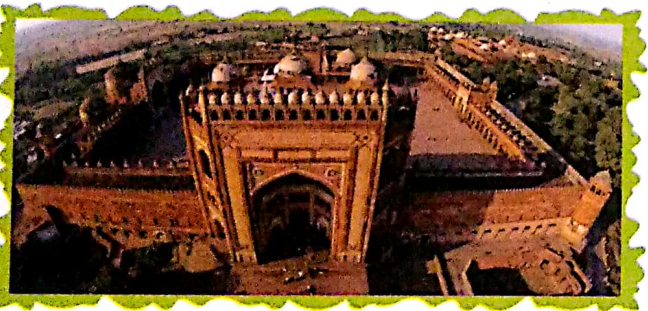
Located near Aurangabad in Maharashtra. It is famous for Buddhist Cave Temples richly ornamented with sculpture and engraved with paintings of exceptional skill.



The huge historic fort situated near Jaipur in Rajasthan. A perfect example of Indian architecture.

1 .....

2 .....



The highest gateway in the world (186 feet high) near Agra. It is located in Fatehpur Sikri. It was built by Akbar the Great.



The first garden-tomb built in the Indian sub-continent. The top of its central dome is 140 feet high from the ground. The building embodies both Persian and Indian styles of architecture.

3 .....

4 .....

**Help  
Box**

(a) Buland Darwaza

(b) Humayun's Tomb

(c) Ajanta and Ellora

(d) Amber Fort



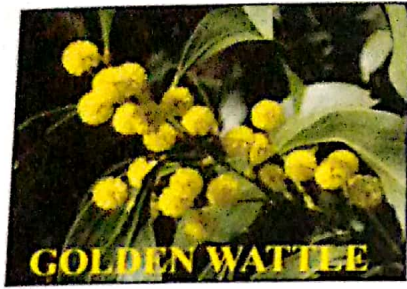
**more fun**

*Cellular Jail also known as Kala Pani is located in Andaman and Nicobar Islands. It stood as mute witness to tortures faced by Indian activists for Independence. Its construction was completed in 1906 and today it is found as one of national monuments of the country.*

# National Flowers



Given below are the National Flowers of some countries. Write the name of the country below the picture.



1



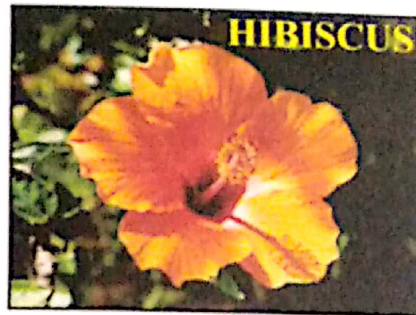
2



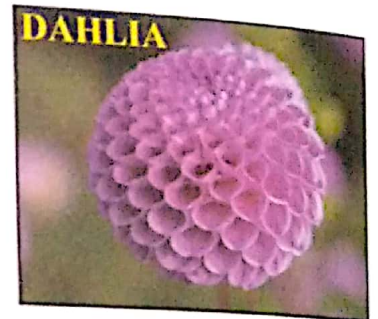
3



4



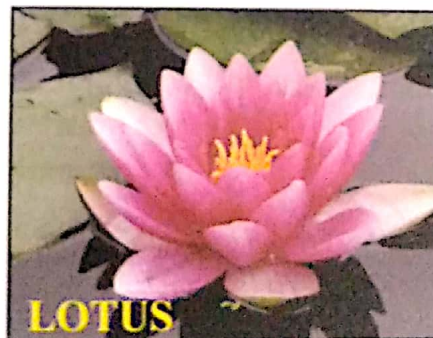
5



6



7



8



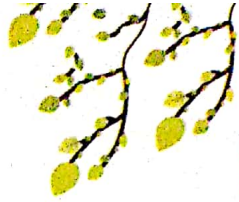
9

Help  
Box

- (a) Turkey      (b) Portugal      (c) India      (d) Bangladesh  
(e) Australia      (f) Germany      (g) Mexico      (h) Pakistan      (i) Malaysia



# Nicknames In Sports



As all of you know that nickname is an informal, often humorous name for a person that is connected with his/her real name, personality or appearance, or with the work he/she does or has done.

Match the nickname with the sportsperson.

## Nickname

1. Tiger Pataudi
2. Gabbar
3. The Wall
4. Turbanator
5. Captain Cool
6. Flicker Singh
7. The Prince of Pune
8. Master Blaster
9. Flying Sikh
10. Haryana Hurricane
11. Rawalpindi Express

## Sportsperson

- Sachin Tendulkar  
Milkha Singh  
Shoaib Akhtar  
Harbhajan Singh  
Kapil Dev  
Shikhar Dhawan  
Sandeep Singh  
Mansoor Ali Khan  
Rahul Dravid  
MS Dhoni  
Pankaj Advani

