

General Knowledge

# GK

## INSIGHT

with Values and Life Skills



5

by

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## Unit - 1



## Unit - 2



### The Wonderful Nature

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- ✿ Animal Senses
- ✿ Extinct Animals
- ✿ Our Pets
- ✿ The World of Insects
- ✿ Medicinal Plants
- ✿ Amazing Roots
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### Language & Literature

- ✿ Idiomatic Expressions
- ✿ Confusing Words
- ✿ Words to Say
- ✿ Anagram Fun!
- ✿ Authors and Books
- ✿ Wise Sayings
- ✿ The Ramayana



### LEARNING SKILLS/OUTCOMES AS PER NEP 2020

HD Observation 🔍

HD Curiosity 🧐

CS Information 💡

HD Cognitive 🧠

CS Information 💡

CS Communication 👥

CC Subject Integration 📖

For Unit - 1

For Unit - 2




Do you know that humans are categorized as mammals? Other species of animals are also categorized under specific names based on their body structure, food habits and other characteristics.





# Animal Kingdom



Identify the categories described below and label them correctly using the Hint Box.



1  Animals that suckle their young ones 

2  Animals that are active at night 

3  Animals with strong cutting teeth that help them gnaw their food 

4  Animals that carry their young ones in their pouch 

5  Meat-eating animals 

6  Cold-blooded animals that live both on land and in water 

7  Herbivores that eat grass 

8  Animals without backbones 

## Fact File

Although the elephant is the largest land animal, many elephants weigh less than the tongue of a blue whale.

## Hint Box

- a. rodents, b. invertebrates,
- c. carnivores, d. amphibians,
- e. marsupials, f. nocturnal animals,
- g. grazers, h. mammals


Most animals have highly advanced senses of smell, specialized hearing abilities, wavelength adaptabilities, etc.




# ANIMAL Senses

Given below are the descriptions of some animals with super senses. Write their correct names:


1 It can detect certain types of cancer.




2 It can detect the tiniest drop of blood from more than a mile away.




3 Its each nostril works independently of the other to detect land mines.



4 His brain is one-third of the size of ours, yet the part devoted to smell is five times larger.




5 It can sniff its partner from 6-7 miles away.



6 It is the best air sniffer.



7 Only this bird can follow its nose to food some 20 kilometres away from its starting point.



**Hint Box.**  
Bear, Moth, Dog, Snake, Rat, Albatross, Shark

**Fact File**  
When millipedes feel they are in danger, they curl up into a spiral and some of them release disgusting smelling liquid that deters many of the animals that prey on them.

An animal is called extinct when all the animals of the particular species die out. Most of them extinct due to over hunting by humans.



# Extinct ANIMALS

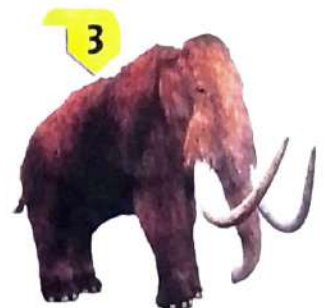
Read the following information and name these extinct birds and animals :



..... is a flightless bird that inhabited the island of Mauritius.



..... was once found all around the world.



..... became extinct about 10,000 years ago due to climate change and hunting by humans.



..... was a flightless bird of the North Atlantic.



..... was found in Costa Rica. It became extinct due to pollution, global warming and disease.



..... was found in Australia.



## Fact File

Extinction may happen due to natural and human induced causes. Natural causes include climatic changes, diseases and natural disasters. Pollution, habitat destruction, excessive hunting are some human, induced causes of animal extinction.



## Hint Box

Golden Toad, Woolly Mammoth, Dodo, Great Auk, Tasmanian Tiger, Passenger Pigeon

Most of us love to have pets. Dogs and cats are considered as favourite pets.



# Our PETS

Look at the following pictures and write the names of the breeds of the animals :



The oldest breed of dog in the world.



The smallest dog in the world.



Most popular dog around the world.



The fastest dog in the world.



The dog that helps the police.



The world's tallest living dog.



World's most expensive cat.



World's tiniest domestic cat.



## Hint Box

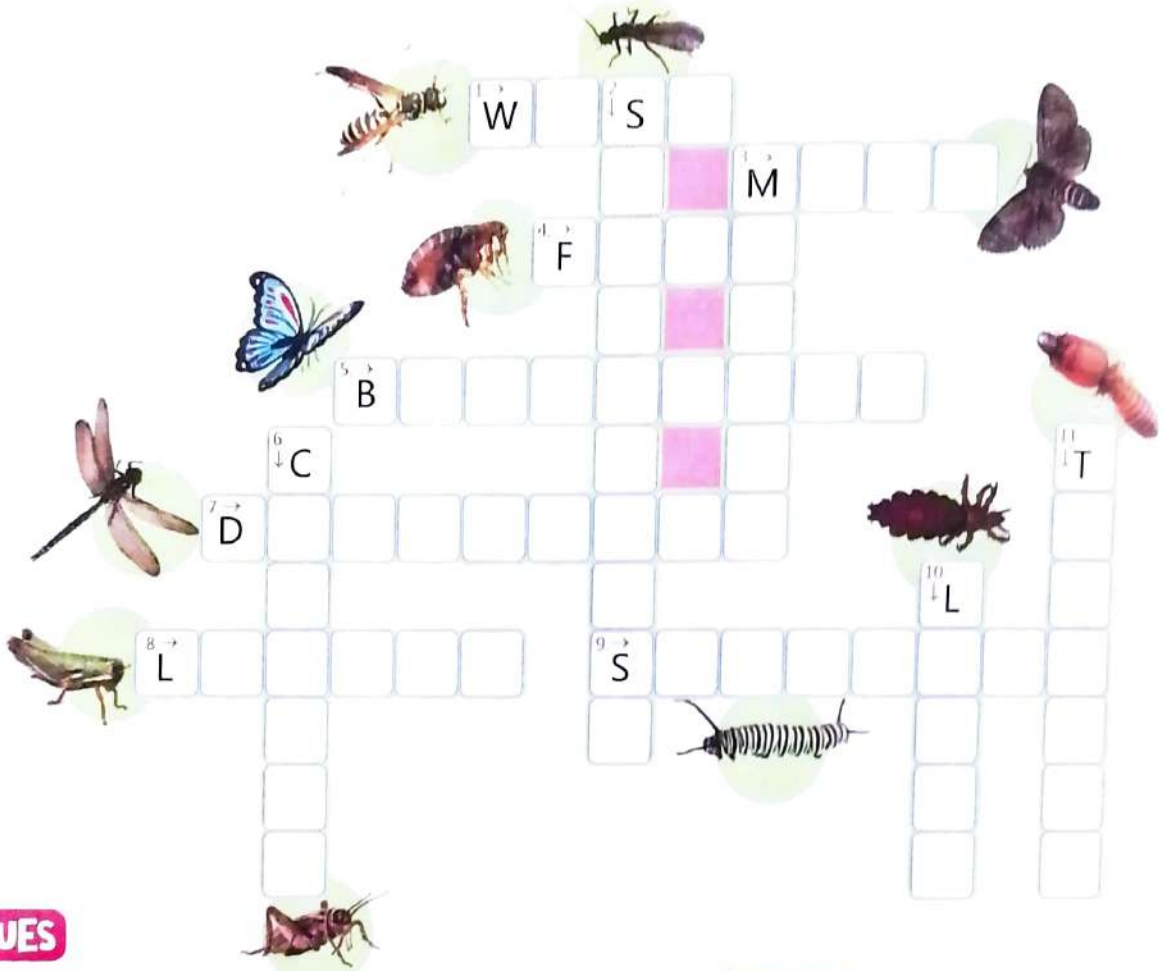
Zeus, Chihuahua, Giant George, Greyhound, Saluki, Labrador Retriever, Peebles, Bloodhound

Insects are certainly not a popular part of the animal kingdom, but play a crucial role in the eco-system.



# The World of Insects

Solve the crossword with the help of the clues given :



## CLUES

### Across →

1. This insect is black and yellow in colour and has a sharp sting.
3. This nocturnal insect resembles a butterfly and generally flies at night.
4. This tiny insect displays a tendency to jump; lives on animals and bites them.
5. This insect has receptors on its feet, which help it locate host plants and food.
7. This insect generally lives near water bodies and is an expert flier. It traps its prey by building a basket with its legs.
8. This insect flies in swarms over wide areas and destroys crops.
9. This insect produces silk threads.

### Down ↓

2. This insect has a grey or silver body, and causes great damage to clothes or paper products.
3. This is a flying insect; it lives near water and has a short life.
6. This insect makes a chirping sound by rubbing its wings together.
10. This tiny insect lives in the bodies of humans and animals.
11. This insect is popularly known as a "silent destroyer", due to its habit of eating wood.

Plants have been used for medicinal purposes long before pre-historic period. Treatment with medicinal plants is considered very safe as there is no or minimal side effect.



# Medicinal Plants

Read the clues about some medicinal plants and write their names :

1

It is a plant having religious values in India. It is used for treating many diseases such as nausea, dysentery and gastric problems.

-----  
-----



2

It is the plant whose seeds are used for extracting oil. The flower of this plant is very beautiful and yellow in colour.

-----

3

The seeds of this herb are used for getting relief from intestinal gas and is also used as spice in a curry.

-----



4

It is a plant used for curing gastric problems. It is used in our food, and also used for treating earache.

-----

5

This herb is of yellow colour having antiseptic property. It is commonly used in our kitchen.



6

Plant which is the source of antibiotic pencillin.

7

Herb which is used in many medicinal remedies and also used in our toothpastes for giving flavor.



8

The stem of this plant is used in our food and sometimes in tea. It is used for curing cold and cough.



### Fact File

Indian sages were known to have remedies from plants which act against poisons from animals and snake bites.



### Hint Box

Garlic, Ginger, Mint, Cinchona, Turmeric, Tulsi, Fenugreek, Sunflower

Roots hold the plants firmly to the ground. They absorb water and mineral salts from the soil for the nourishment of plants. The roots shown below have special functions.



# Amazing Roots



Fill in the blanks with the names of these special roots.



1. \_\_\_\_\_ roots pull the plants deeper into the ground.



2. \_\_\_\_\_ roots penetrate the host plant to get nutrition.



3. \_\_\_\_\_ roots of the mangrove trees grow above the ground to help the tree breathe.



4. \_\_\_\_\_ roots of the sweet potato store food and water.



5. \_\_\_\_\_ roots of the flame of the forest help to hold up the heavy trunk.



6. \_\_\_\_\_ roots of the orchid take in air and moisture, and help the weak stem cling to the support.

7. \_\_\_\_\_ root of the banyan tree support the plant.



## Fact File

The single winter rye plants can grow roots measuring up to 622.8 kilometres.

## Hint Box

Haustorial, Contractile, Prop, Buttress, Aerial, Storage, Breathing

Leaves provide food and air to help a plant grow and stay healthy. Through photosynthesis, leaves turn light energy into food.

8

# ALL ABOUT Leaves

The uses of some leaves have been given below. Match them with the pictures of correct leaves :



Spinach



Curry leaves



Oregano



Neem

1. We use these for flavouring pizzas.
2. We use them to add fragrance to our food.
3. We use them to make tasty green chutney.
4. It is very rich in iron. It gives strength to cartoon character Popeye.
5. We use them to make red designs on the palm of the hand.
6. They have a lot of medicinal value and are used as antiseptic.
7. People love to eat them with betel nut (supari) and gulkand.
8. They are used in South Indian foods like sambhar and utthappam.
9. Hindus use these during prayers. They are also good for coughs.
10. In South India, these are used as a plate, especially during festivals.



Coriander



Henna



Tulsi



Bay leaves



Banana leaves



Betel leaves



## Fact File

The colour of the leaves is green because of the presence of chlorophyll.

There are some plants that eat insects and even small birds to fulfil their nutritional requirements. These are called carnivorous plants.



# Carnivorous Plants



Read the information about carnivorous plants and write their names.

- 1 It has spikes-like structure. When an insect sits on it, the leaves close and the insect gets trapped inside.



- 2 It has leaves covered with shiny, hair-like substances, which produce a sticky juice, and shine as if covered with dew. The insects get stick to this sticky liquid and are eaten up.

- 3 This plant has long, tube-like leaves, which produce a sugary nectar, that attracts insects. These insects when once fall inside the tube, get trapped and eaten by the plant.



- 4 This water plant has floating, hair-like substances which act like traps or bladders. When an insect or animal touches parts of the hair on the outer edges, the trap door opens; the insect is sucked inside and eaten.

- 5 It has a forked leaf which looks like a cobra's fang. It attracts insects with a sweet smell and then captures and kills them.



Cobra Plant, Pitcher Plant, Sundew, Bladderwort, Venus Flytrap



Idiomatic expressions are a type of informal language. They have a meaning different from the meaning of the words in the expression.



# Idiomatic EXPRESSIONS

Some idiomatic expressions are given in the following sentences. Tick (✓) their correct meanings :

1. Everyone thinks that Sana will win the contest, but Reena has an ace up her sleeves.  
(a) A special advantage  (b) Rolling up the sleeves
2. Raman is a couch potato.  
(a) One who is active and attentive  (b) Someone who is lazy
3. If you drive someone up the wall, what do you do?  
(a) Irritate someone  (b) Help someone climb wall
4. Our teacher thinks that the children of our class are full of beans.  
(a) Full of energy and enthusiasm  (b) Not working hard enough
5. After losing the job, Ravi is finding himself in a pickle.  
(a) In a good situation  (b) In a difficult situation
6. Raman was just crying wolf as there was no fire.  
(a) Giving a cause for concern  (b) Giving a false alarm
7. Rakesh is as busy as a bee these days with his studies.  
(a) Very helpless and distracted  (b) Actively involved and working hard
8. If you think I stole your money, you are barking up the wrong tree.  
(a) Focussing on wrong things  (b) Shouting in a wrong way
9. The students of the class are all ears for what their teacher is saying.  
(a) Have big ears  (b) Are listening carefully



## Fact File

An idiom is an expression that may or may not make sense when you read it alone. However, it does convey a meaning when used properly in a sentence.

Some words sound the same but have different meanings and spellings.



# Confusing WORDS

A. Tick (✓) the correct options to complete the sentences :

1. He is the \_\_\_\_\_ to the throne.

(a) hare

(b) heir

(c) hair

2. By \_\_\_\_\_ the burden of the poor servant, he won the gratitude of his parents.

(a) lighting

(b) lightning

(c) lightening

3. To \_\_\_\_\_ the apples, I need a sharp knife.

(a) pair

(b) pear

(c) pare

4. Bread is made of \_\_\_\_\_.

(a) floor

(b) flour

(c) flower

5. He is a \_\_\_\_\_ fellow.

(a) descent

(b) dissent

(c) decent

6. Describe the \_\_\_\_\_ of Ashoka.

(a) reign

(b) rain

(c) rein

7. The bird cannot \_\_\_\_\_ high.

(a) sore

(b) sour

(c) soar

8. Please trim the \_\_\_\_\_ of the lamp.

(a) weak

(b) wick

(c) week

B. Fill in the following blanks by choosing the correct words :

1. I cannot \_\_\_\_\_ this stick into two.

(brake/break)

2. I have lost my school \_\_\_\_\_.

(diary/dairy)

3. Please keep \_\_\_\_\_.

(quiet/quite)

4. The chain is made of \_\_\_\_\_.

(steel/steal)

5. The ball was \_\_\_\_\_ by the child.

(thrown/throne)

6. He donated a \_\_\_\_\_ of land.

(peace/piece)

7. All \_\_\_\_\_ Rahul were present there.

(except/accept)

8. He is \_\_\_\_\_ to take a leave.

(aloud/allowed)



## Fact File

Those words which sound the same but have different meanings are called Homophones.



# WORDS to Say



A. Tick (✓) the correct spellings :

1. assistance  assisstance  asisstance  asisstence
2. professional  proffessional  professionel  profesional
3. tolerent  tolrent  tolrant  tolerant
4. villian  villain  vilian  vilain
5. buisness  bussiness  business  buissness
6. appology  apollogy  apology  appollogy
7. separate  seperate  seprate  saprate
8. occassion  occassion  occasion  ocasion

B. Guess the words and write them here. All these words end in 'ian' :

1. A person who scientifically studies and gives advice about food and eating
2. A person who writes about or studies history
3. A character in a story who has magical powers
4. A person who is skilled in the art of music
5. A person who treats sick animals
6. A person who has special training in medical care for children
7. A person who examines people's eyes and sells glasses or contact lenses to correct sight problems
8. A person who studies grammar and usually writes books on it

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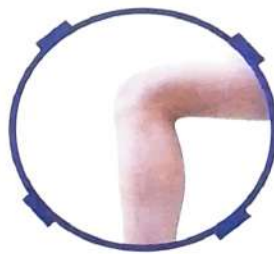
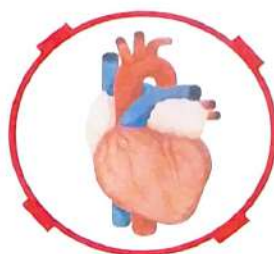
An anagram is a word or phrase formed by rearranging the letters of another word or phrase.



# Anagram Fun!

A. Solve the anagrams below to find the name of a body part:

1. Earth 
2. Sink 
3. Cafe 
4. Inch 
5. Keen 
6. Are 
7. Below 
8. Lamp 
9. Fringe 
10. Waits 



B. Here are two more difficult anagrams, whose answers are also parts of the body. Can you try solving them?

1. Limped 
2. Impart 



## Fact File

*Silent and Listen are anagrams of each other, and also kind of opposites! United and Untied are two more such examples. Words that are anagrams of each other and opposite in meaning are called antigrams.*

There are many authors who have earned a name in their field of writing.



# AUTHORS And Books



Some such authors are given below. Match them with their books :

1



Chetan Bhagat

3



Katherine Mayo

5



Jai Prakash Narayan

7



Ruskin Bond

9



Mary Kom

Freedom in Exile

a

My Favourite Nature Stories

b

Unbreakable

c

Making India Awesome

d

War and Peace

e

Mother India

f

My Life

g

India Divided

h

Broken Wings

i

Prison Diary

j

2



Leo Tolstoy

4



Bill Clinton

6



Sarojini Naidu

8



Dalai Lama

10



Rajendra Prasad



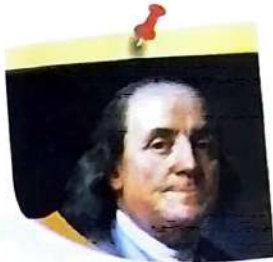
## Fact File

Jai Shankar Prasad is the author of the book Kamayani.

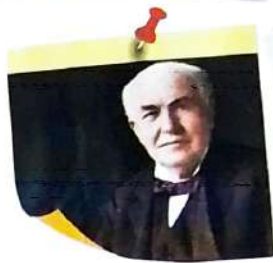


# Wise Sayings

Following are some valuable quotes. Write the names of the people who said these wise words, with the help of the picture clues :



Benjamin Franklin



Thomas Edison



Ralf Waldo Emerson



John F. Kennedy

1. "You must be the change you wish to see in the world."

2. "I haven't failed. I've just found 10,000 ways that won't work."

3. "Anyone who has never made a mistake has never tried anything new."

4. "A penny saved is a penny earned."

5. "If you can't feed a hundred people, then feed just one."

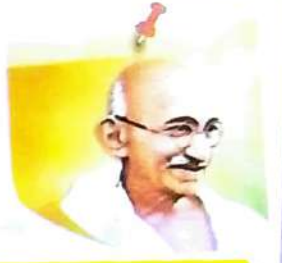
6. "Ask not what your country can do for you, ask what you can do for your country."

7. "The future belongs to those who believe in the beauty of their dreams."

8. "The only way to have a friend is to be one."



Albert Einstein



Mahatma Gandhi



Eleanor Roosevelt



Mother Teresa

## Fact File

"If you can't fly, then run. If you can't run, then walk. If you can't walk, then crawl, but whatever you do, you have to keep moving forward."

*Martin Luther King*

Ramayana is one of the most famous, and the most read epics of all time. It was written by Valmiki, who is regarded as a Maharishi.



# The Ramayana

How much do you know about this great epic? Go through the given quiz and tick (✓) the correct option:

- In which garden was Sita held in captivity in Lanka?  
 (a) Panchvati     (b) Dandakaranya     (c) Ashok Vatika
- Sita was the daughter of which king?  
 (a) Janaka     (b) Dasharatha     (c) Vibhishana
- What was the name of Ravana's wife?  
 (a) Shrutakirti     (b) Mandavi     (c) Mandodari
- Ayodhya was the capital of which Kingdom?  
 (a) Mithila     (b) Kosala     (c) Indraprastha
- Rama is the incarnation of which Hindu God?  
 (a) Vishnu     (b) Shiva     (c) Brahma



6. Which brother of Ravana was cursed to sleep for six months at a stretch?  
(a) Vibhishana      (b) Kumbhakarna      (c) Ahiravana
7. Who put up a brave fight to protect Sita when Ravana was carrying her away forcefully?  
(a) Jatayu      (b) Jambavan      (c) Mareecha
8. Whose help did Ravana take to carry away Sita?  
(a) Khara      (b) Vibhishana      (c) Mareecha
9. Who killed Indrajit, the son of Ravana?  
(a) Rama      (b) Lakshmana      (c) Hanuman
10. Who set Lanka on fire?  
(a) Vali      (b) Hanuman      (c) Jambavan

### Fact File

The Ramayana is an ancient Indian epic, composed some time in the 5th century BCE, about the exile and then return of Rama, prince of Ayodhya. It was composed in Sanskrit by the sage Valmiki, who taught it to Rama's sons, the twins Lava and Kusha.



# Quick Test ①

## Based on Learning Skills

A. Tick (✓) the correct option :

- It can detect certain types of cancer.  
(a) Dog  (b) Shark  (c) Rat
- This herb is of yellow colour having antiseptic property. It is commonly used in our kitchen.  
(a) Sunflower  (b) Ginger  (c) Turmeric
- To \_\_\_\_\_ the apples, I need a sharp knife.  
(a) pair  (b) pear  (c) pare
- Who treats sick animals?  
(a) Magician  (b) Veterinarian  (c) Musician

B. Fill in the blanks :

- \_\_\_\_\_ roots pull the plants deeper into the ground.
- \_\_\_\_\_ is the fastest dog in the world.
- \_\_\_\_\_ says, "You must be the change you wish to see in the world."
- \_\_\_\_\_ set Lanka on fire.

C. Match the following :

- |                                   |                    |
|-----------------------------------|--------------------|
| 1. Freedom in Exile               | (a) Katherine Mayo |
| 2. The smallest dog in the world  | (b) Giant George   |
| 3. Mother India                   | (c) Dalai Lama     |
| 4. The world's tallest living dog | (d) Chihuahua      |

D. Identify the following pictures and write their names :



## Unit - 3



## Unit - 4

### The Amazing India

- ✿ The North of India
- ✿ City Sobriquets
- ✿ Sacred Places
- ✿ Guess the States
- ✿ Social Reformers
- ✿ Women Achievers
- ✿ Prime Ministers
- ✿ Gems of Country

### The World Around Us

- ✿ National Emblems
- ✿ Lines and Boundaries
- ✿ Ancient Monuments
- ✿ United Nations
- ✿ The Flowing Waters
- ✿ Tallest buildings
- ✿ Business Tycoons



### LEARNING SKILLS/OUTCOMES AS PER NEP 2020

For Units - 3 & 4

- 21<sup>st</sup> CS Social Skills
- IE Indian Ethos
- 21<sup>st</sup> CS Information
- 21<sup>st</sup> CS Leadership



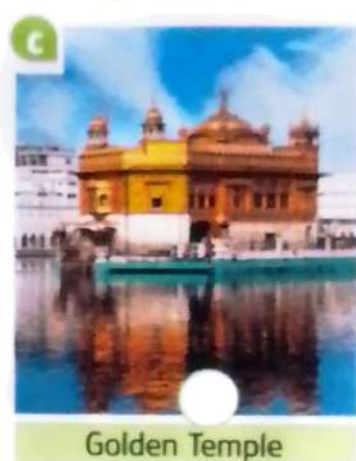
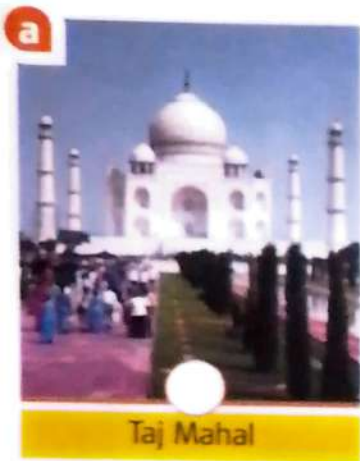
Northern India, also known as Hindustan, is a land and cultural region of India.

Unit 3 The Amazing India



# THE NORTH of India

Some pictures connected to Northern States and Union Territories are given. Match them with their respective regions by writing the number assigned to them.



- 1 Uttar Pradesh
- 2 Jammu and Kashmir
- 3 Punjab
- 4 Himachal Pradesh
- 5 Uttarakhand

**Fact File**

Corbett National Park is the oldest national park in India. It was established in 1936 and named after Jim Corbett, a well-known hunter of tigers and leopards, especially man-eaters.



A Sobriquet, as you already know is a nickname which is so familiar that it can be used in place of a real name.

18

# City Sobriquets

Write the real names of the cities, sobriquets, of which are given below:



## Sobriquets

## Cities

1. Pink City
2. Orange City
3. Blue City
4. Steel City
5. Golden City
6. Silicon Valley
7. The Queen of the Hills
8. City of Pearls
9. City of Joy
10. Leather City
11. Yoga City
12. City of Lakes



### Hint Box

Bengaluru, Amritsar, Hyderabad, Udaipur, Jaipur, Jamshedpur, Kanpur, Nagpur, Kolkata, Jodhpur, Darjeeling, Rishikesh

India is a country of many sacred places. A large number of pilgrims visit these places throughout the year.



# Sacred Places

Read the given statements and write the names of the sacred places :



1. Famous Kalighat Temple dedicated to Goddess Kali is located here.
2. Famous temple of Jagannath is situated here.
3. It is the place where there is a confluence of the rivers- Ganga, Yamuna and invisible Saraswati.
4. This place has a sacred ghat called Har-ki-Pauri.
5. This city is the birth place of Lord Krishna.
6. This place in the Himalayas is dedicated to Lord Shiva.
7. The famous Dargah of Khwaja Moinuddin Chishti is situated here.
8. This place has a Buddhist stupa with relics of Lord Buddha.
9. Meenakshi Temple is located here.
10. This place has the famous Lingaraja Temple.



## Fact File

Banaras Hindu University (BHU) was established in 1916 by Pandit Madan Mohan Malaviya.

## Hint Box

Bhubaneswar, Ajmer, Haridwar, Prayagraj (Allahabad), Amarnath, Madurai, Mathura, Puri, Sanchi, Kolkata

There are 28 States and 8 Union Territories in India at present.

20

# Guess the States

Following are some facts about different states. Read the clues, then guess and write the names of the states being referred to:



1. The first formed Indian state. \_\_\_\_\_
2. The Indian state which shares the maximum number of borders with other states.  
\_\_\_\_\_
3. The Indian state with the longest international land border. \_\_\_\_\_
4. The Indian state with the longest coastline.  
\_\_\_\_\_
5. The Indian state which has the highest percentage of area covered by forest.  
\_\_\_\_\_
6. The Indian state which is called the 'Land of Horned Rhinoceros'. \_\_\_\_\_
7. The Indian state which is the largest manufacturer of cars, motorbikes, tractors, etc.  
\_\_\_\_\_
8. The Indian state which produces maximum silk.  
\_\_\_\_\_
9. The Indian state which is called the 'Fruit Bowl of India'. \_\_\_\_\_
10. The Indian state which is called the 'Home of Bamboo'. \_\_\_\_\_
11. The Indian state with the least number of Assembly seats. \_\_\_\_\_
12. The Indian state which is called the 'Falcon Capital of the World'. \_\_\_\_\_

## Hint Box

Mizoram, Uttar Pradesh, Assam, Himachal Pradesh, West Bengal, Madhya Pradesh, Gujarat, Haryana, Karnataka, Nagaland, Andhra Pradesh, Goa

India is privileged to have number of great souls who managed to bring revolutions by making radical changes in the society.

21

# Social REFORMERS

Identify the following reformers by taking the pictures and descriptions as clues.



1. He founded Arya Samaj. He condemned child marriage, untouchability and caste system.
2. He founded the Ramakrishan Mission. He condemned the caste system, ritualistic ceremonies and superstitions.
3. She was associated with Theosophical Society. She preached against social evils such as child marriage and caste system.
4. He founded Aligarh Muslim University. He always favoured western education. He wanted to raise the status of women in society.
5. He founded Brahmo Samaj and made efforts to stop the custom of Sati and child marriage. He supported western-education.

### Hint Box

Raja Ram Mohan Roy, Annie Besant, Swami Vivekananda, Dayananda Saraswati, Sir Syed Ahmad Khan



### Fact File

The practice of Sati was abolished in 1829.

Women empowerment is the keyword of the current times. In fact, women are creating a benchmark in all possible professional fields, including sports.



# WOMEN Achievers



Identify the famous women personalities with the help of the clues given below :



The first woman Prime Minister of India.



The first woman President of India.



The first Indian woman who won the Nobel Peace Prize in 1979.



The first woman IPS Officer of India.



The first Indian woman who climbed Mount Everest in 1984.



The first woman physician of India.



India got its first woman Train driver in 1988.



The first Indian woman cricketer to score a double hundred in Test Cricket.

## Fact File

Anandibai Gopalrao Joshi was also the first Indian woman to travel to the United States of America.

## Hint Box

Pratibha Patil, Mithali Raj, Bachendri Pal, Mother Teresa, Anandibai Gopalrao Joshi, Kiran Bedi, Surekha Yadav, Indira Gandhi

The Prime Minister is the executive head of the country and all the de facto powers are vested in the PM and his respective council of ministers.

# 23 Prime Ministers

A. Given below are the pictures of the Prime Ministers of India with the span of years they had served. Write their names :



1947 - 1964



1964 - 1966



1964 - 1964, 1966-1966



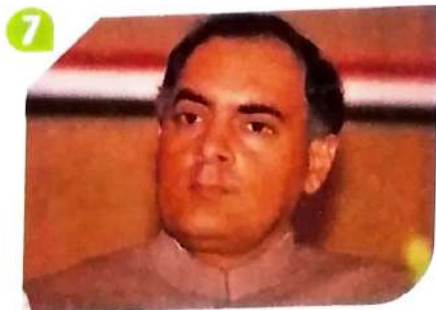
1966- 1977, 1980 - 1984



1977 - 1979



1979 - 1980



1984 - 1989



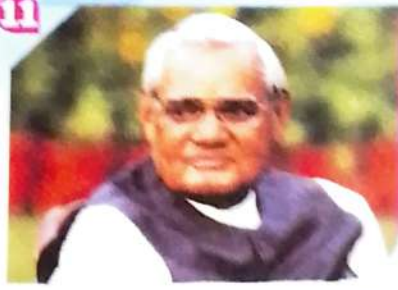
1989 - 1990



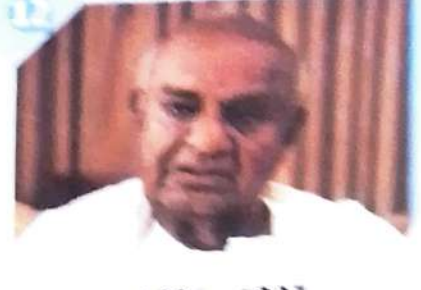
1990 - 1991



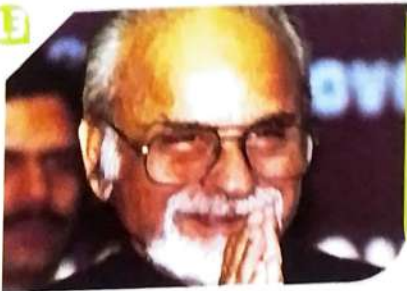
10  
1991 - 1996



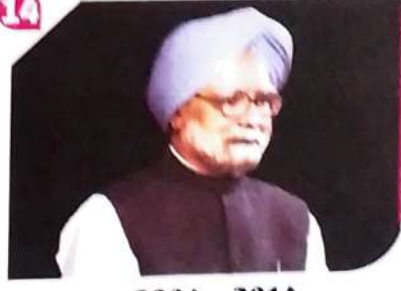
11  
1996 - 1996, 1998 - 2004



12  
1996 - 1997



13  
1997 - 1998



14  
2004 - 2014



15  
2014 - till date

### Hint Box

Indira Gandhi, P. V. Narasimha Rao, Rajiv Gandhi, Chandra Shekhar, Jawaharlal Nehru, I. K. Gujral, Manmohan Singh, Ch. Charan Singh, V. P. Singh, Morarji Desai, H. D. Deve Gowda, Narendra Modi, Lal Bahadur Shastri, Atal Vihari Vajpayee, Gulzarilal Nanda

B. Read the clues and name the Prime Ministers.

1. The longest serving Prime Minister.

2. The only person who worked twice as the acting Prime Minister.

3. The youngest ever Prime Minister.

4. He was the first Prime Minister from the Non-Hindi belt of South India.

5. The first parliamentarian to give a speech in Hindi to the UN General Assembly.



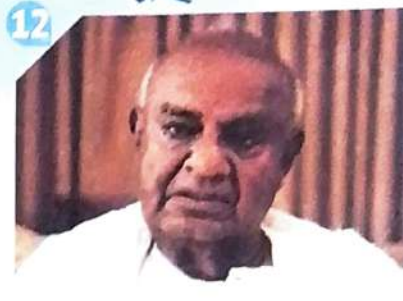
10

1991 - 1996



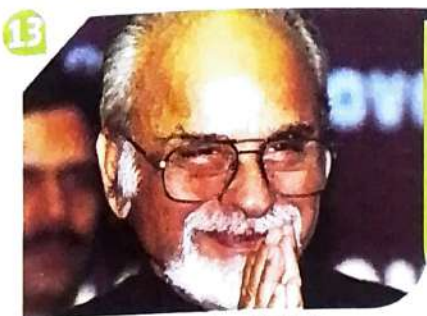
11

1996 - 1996, 1998 - 2004



12

1996 - 1997



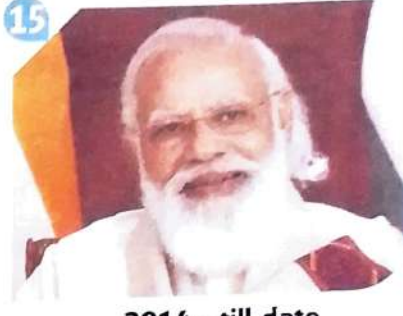
13

1997 - 1998



14

2004 - 2014



15

2014 - till date

### Hint Box

Indira Gandhi, P. V. Narasimha Rao, Rajiv Gandhi, Chandra Shekhar, Jawaharlal Nehru, I. K. Gujral, Manmohan Singh, Ch. Charan Singh, V. P. Singh, Morarji Desai, H. D. Deve Gowda, Narendra Modi, Lal Bahadur Shastri, Atal Vihari Vajpayee, Gulzarilal Nanda

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There are many people who have earned a place of prominence in India through their work.



# GEMS Of Country

Match the description with correct personality :

a



Salim Ali

1. He was the man who laid the foundation of the Birla group.
2. He was an ornithologist and naturalist. Also, known as the 'Birdman of India', he was deeply passionate about study of birds.

b



Baba Amte

c



B.R. Ambedkar

3. He is famously known as the 'Metro Man of India' and renowned architect of Konkan Railway project.
4. A great scientist and a former President of India.

d



E. Sreedharan

e



Sucheta Kripalani

5. A well known social activist of India, she is known for her role in the Narmada Bachao Andolan.
6. Also, popularly known as Babasaheb, he is revered as the 'Father of Indian Constitution'.

f



Medha Patkar

g



G.D. Birla

7. A well known social activist of India, he dedicated his entire life to care and rehabilitation of leprosy patients.
8. She was the first woman to be elected as the chief minister of a state in India.

h



A.P.J. Abdul Kalam

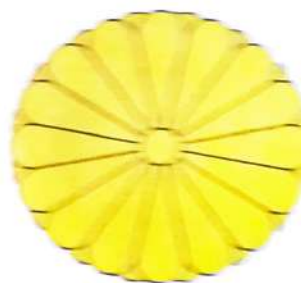


Topic: The World Around Us



# National Emblems

STUDYING THE CIRCLES OF NATIONAL EMBLEMS OF DIFFERENT COUNTRIES, NAME THE COUNTRIES TO WHICH THESE EMBLEMS BELONG.



**Find Out**

Germany Japan Pakistan U.K. Sri Lanka Canada  
Bangladesh Australia USA

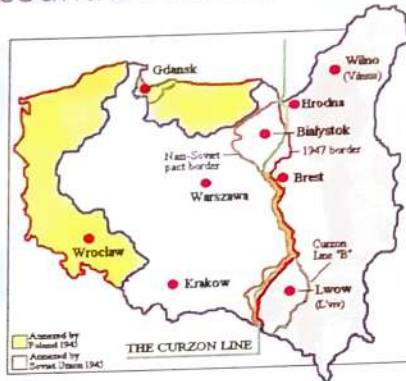


**International boundaries are the geographical borders of political or legal jurisdictions such as countries, customs territories and sovereign states. The process of the creation of a border is called boundary delimitation.**



# Lines and Boundaries

Given below are the names of some border lines dividing two countries. Write the names of the relevant countries for which these lines have been given :



1. 38th Parallel North
2. Oder-Neisse Line
3. Radcliffe Line
4. Alpine Line
5. Maginot Line
6. McMahon Line
7. 49th Parallel North
8. 17th Parallel North
9. Durand Line
10. Mannerheim Line



### Hint Box

France and Germany, Russia and Finland, India and China, Poland and Germany, India and Pakistan, US and Canada, North and South Vietnam, France and Italy, Pakistan and Afghanistan, North and South Korea



### Fact File

Bangladesh and India border divides Ganges delta region and the Sundarbans mangrove delta.

Ancient monuments are fixed assets that are identifiable because of particular historic, national, regional, local, religious or symbolic significance.



# Ancient Monuments



Clues about some of the most famous monuments of the world are given below. Identify the monument and write its name.

1. It is situated in New York, representing the Roman Goddess, Libertas. This statue is an icon of the United States of America.



2. Situated in Beijing, China, this complex is the largest Imperial Palace in the world by area.



3. This palace in London is the official residence and principal workplace of the British monarch (currently, Queen Elizabeth II).



4. A partially ruined ancient temple in Athens, Greece, which was dedicated to Greek Goddess Athena.



5. Situated in Mecca, Saudi Arabia, this is the biggest mosque in the world and the most sacred site in Islam. The Kaaba lies in its centre.



**Hint**  
Parthenon, Al-Masjid Al-Haram, Buckingham Palace, Forbidden City, Statue of Liberty

## Fact File

Petra is an archeological city of Jordan that is famous for its rock-cut architecture and water conduit system.

The United Nations is the largest, most familiar, most internationally represented and most powerful inter-governmental organisation in the world.



# United Nations

Match the logos of organisations and agencies of the United Nations with their names :

1



Food and Agriculture Organisation

a



2

International Monetary Fund

b

3



International Labour Organisation

c



4

World Health Organisation

d

World Bank

e

5



United Nations Industrial Development Organisation

f



6

International Atomic Energy Agency

g

7



United Nations Educational, Scientific and Cultural Organisation

h



8

## Fact File

The UN was established after World War II with the aim of preventing future wars, succeeding the ineffective League of Nations.

Flowing water is a collection of streams and rivers.

29

# The Flowing Waters

Identify and complete the name of the river and the city through which it flows with the help of the information given :

- 1 It is the second largest tributary of the river Ganges and the longest tributary in India. It merges with the Ganges at the Triveni Sangam, Prayagraj. It flows through the city which is home to Qutab Minar.

River : Y \_ \_ \_ \_ A

City : D \_ \_ H \_



- 2 It is the longest river in England with 45 locks along its length. It also happens to be the second longest river in the United Kingdom. The river is historically famous for rowing and has more than 200 rowing clubs. It flows through the capital of England and the United Kingdom.

River : T \_ \_ \_ \_ S

City : L \_ \_ \_ \_ N



- 3 This river is situated in western Russia. In fact, Russia's capital has been named after this river, which flows through it. There are five stations along the river that cater for drinking water for the city.

River : M \_ \_ \_ \_ A

City : M \_ \_ \_ \_ W



- 4 It is the longest river of Africa and is approximately 6,650 km long. It is the chief source of water for Egypt and Sudan. It also flows through the capital of Egypt, which is one of the largest cities in Africa.

River : \_ I \_ E

City : C \_ \_ R \_

There are some buildings which hold the record of having for dizzying heights.



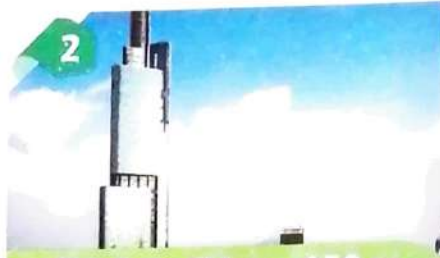
# TALLEST Buildings

Given below are the pictures, height measures and the names of the countries in which these skyscrapers are situated. Identify and write their names :



1

Shanghai, China - 492 m



2

Nanjing, China - 450 m



3

New York, USA - 541 m



4

Taipei, Taiwan - 509 m



5

Dubai, UAE - 828 m



6

Chicago, USA - 442 m



7

Kuala Lumpur, Malaysia - 452 m



8

Mecca, Saudi Arabia - 601 m



9

Kowloon, Hong Kong - 484 m



International Commerce Centre, Burj Khalifa, Taipei 101, Shanghai World Financial Center, Royal Clock Tower Hotel, Zifeng Tower, Petronas Towers, Willis Tower, One World Trade Center

# BUSINESS

31

## Tycoons

Identify and write the name of the business tycoon from the names given in the Hint Box with the help of the information provided:

- 1 He is an Indian business tycoon and the Chairman and CEO of ArcelorMittal. He is famous as the Steel King, as he owns the world's biggest steel factories. He lives in London, and is one of the richest persons there!



\_\_\_\_\_



- 2 He is the principal founder of Microsoft, the world's most successful technology company. He also happens to be one of the richest persons in the world. He is highly involved in charitable causes and has established his own foundation.

\_\_\_\_\_

- 3 He is a famous Indian business tycoon; the Managing Director and Chairman of Reliance Industries Limited (RIL). He has placed his company on the global map as a powerful business group. Initially, his company used to deal only in textiles.



\_\_\_\_\_



- 4 He was an American business leader. He was the co-founder, Chairman and Chief Executive Officer (CEO) of Apple Inc. Apple products were his brainchild, i Phone, i Pad, i Tunes etc., are some of the products of Apple.

\_\_\_\_\_



Bill Gates, Steve Jobs, Mukesh Ambani, Lakshmi Mittal



### Fact File

The Bill and Melinda Gates Foundation is the largest private foundation in the world, that focuses on Health Care and Education in developing countries.

# Quick Test ②

## Based on Learning Skills

A. Tick (✓) the correct option :

1. This city is the birth place of Lord Krishna.

(a) Varanasi

(b) Mathura

(c) Kolkata

2. Who is the first woman IPS Officer of India?

(a) Kiran Bedi

(b) Surekha Yadav

(c) Mithali Raj

3. \_\_\_\_\_ founded the Ramakrishan Mission.

(a) Raja Ram Mohan Roy

(b) Annie Besant

(c) Swami Vivekananda

4. Which is the second largest tributary of the river Ganges and the longest tributary in India?

(a) Yamuna

(b) Narmada

(c) Kaveri

B. Fill in the blanks :

1. \_\_\_\_\_ was the first woman to be elected as the Chief Minister of a State in India.

2. Jagannath Temple is situated in \_\_\_\_\_.

3. Bangladesh and India border divides Ganges delta region and the \_\_\_\_\_ mangrove delta.

4. \_\_\_\_\_ is situated in New York, representing the Roman Goddess, Libertas.

C. Write the real names of the cities, sobriquets of which are given below :

1. Pink City

2. Golden City

3. The Queen of the Hills

4. City of Lakes

D. Identify the following pictures and write their names :

1



2



3



## Unit - 5



### Sports & Entertainment

- ✿ Awesome Adventure
- ✿ Olympic Mascots
- ✿ Aquatic Sports
- ✿ Sports: A Way of Life
- ✿ Folk Theatre
- ✿ Styles of Paintings



LEARNING SKILLS/OUTCOMES AS PER NEP 2020

## Unit - 6



### Science & Technology

- ✿ Up in the Sky
- ✿ Space Talk
- ✿ Great Indian Scientists
- ✿ Branches of Medicine
- ✿ Aadhar Card
- ✿ Computer.com



For Unit - 6

- HD Gross Motor
- HD Teamwork
- 21<sup>st</sup> CS Collaboration
- 21<sup>st</sup> CS Flexibility
- 21<sup>st</sup> CS Leadership
- HD Inter-personal
- 21<sup>st</sup> CS Creativity

For Unit - 5

- HD Observation
- 21<sup>st</sup> CS Productivity
- 21<sup>st</sup> CS Initiative
- HD Curiosity
- 21<sup>st</sup> CS Technology

Adventure when mixed with sports creates a whole new world of life changing experiences, joyous moments, overcoming fears and much more.

# Awesome Adventure

Some adventure sports are given below. Put the correct letters to match these adventure sports with their pictures :



1. Skiing is a sport that involves moving over snow, on a pair of long flat runners attached to shoes or boots.
2. Popular in desert areas or coastal areas with beach dunes, sand boarding is a board sport.
3. Canoeing became a part of the Olympic Games in 1936 for men and 1948 for women. It includes various singles, pairs and team still-water events for distance and speed, racing competitions.
4. Wind surfing combines the elements of sailing and surf boarding. The participants navigate oceanic waves on special surfboards with attached sails. It was introduced at the Olympic Games in 1984.
5. In bungee jumping, the jumper falls from a high place with a rubber cord, known as bungee, attached to his or her feet and also to the jumpsuit.
6. Bicycle motocross is a sport that involved the racing of bicycles on tracks that have obstacles.

## Fact File

*Gulmarg in Kashmir (India) is world's most famous place for skiing.*

A Mascot is a symbol used to represent an event. In Olympics, Mascot was used for the first time at the Munich Games in 1972.



# Olympic Mascots

Some mascots used in different Olympics events are given below. Write their names :

1



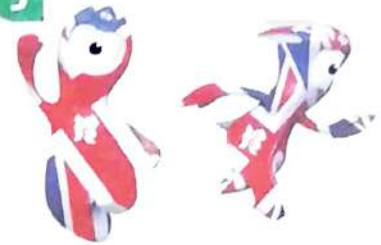
2020-Tokyo, Japan

2



2016-Rio de Janeiro, Brazil

3



2012-London, United Kingdom

4



2008-Beijing, China

5



2004-Athens, Greece

6



2000-Sydney, Australia

7



1992-Barcelona, Spain

8



1988-Seoul, South Korea

9



1984-Los Angeles, USA

## Hint Box

Sam, Hodori, Miraitowa, Olly, Syd and Millie, Cobi, Athena and Phevos, Fuwa, Wenlock and Mandeville, Vinicius

Water sports are adventurous, fun-filled, action packed, and exciting.

# Aquatic Sports

Here are the pictures and clues of some aquatic sports. Write their names :



1. A water sport in which a person is towed behind a boat while attached to a specially designed parachute.

2. A water sport where the participant is towed on a board at a planing speed behind a motor boat.



3. A water sport involving a person riding a small self-propelled vehicle which skims across water on a flat keel.

4. A water ride taken towards the water shore on a surfing board.



5. Underwater diving with an air tank and swim-fins attached to the feet of the diver.

6. A challenging activity using a floating platform to navigate through a river.



7. This is a team sport played in water.

8. Swimming under water being equipped with a mask and a short tube.



## Hint Box

Surfing, Water Polo, Kneeboarding, Parasailing, Rafting, Jet Skiing, Snorkeling, Scuba Diving

Sports are an important part of our lives. Sports have been played for centuries and have evolved over the years. Apart from pictures, we also use pictograms to represent or show the sport.



# SPORTS: A WAY OF LIFE



Shown below are few pictograms. Can you identify which sport each pictogram represents?



### Hint Box

Cycling, Athletics, Archery, Tennis, Basketball, Fencing, Rowing, Weightlifting, Boxing, Sailing

### Fact File

In 2012, Deepika Kumari of India ranked World No. 1 in Women's Recurve Archery, at the age of 18.

Read the text and describe the different folk theatre forms of India. Use the words 'Identify' and write the names:

1. The folk theatre of Gujarat where people belonging to different social classes portray the place for a subtle criticism or satire on society.

2. This traditional wending theatre form is very popular in the districts and small towns of West Bengal, even today.

3. The popular folk theatre of North India where young people play the role of Rama. The entire story of the Ramayana is enacted on the stage.

4. This is a popular theatre form from North India where all the characters stay on the stage throughout the play and speak or sing out their lines and perform when their turn comes.





5. This traditional play from the state of Tamil Nadu takes its theme from the epics.

6. It is a very popular and traditional folk art form of Maharashtra in which thousands of actors are involved. Its name comes from Persian word that means fun.

7. This is the famous folk theatre of Kerala representing the popular ritual forms of worship of various deities.

8. A musical dance drama from Karnataka.

### Fact File

The word 'Tamasha' in Persian language means fun and entertainment. The Tamasha dance form is believed to have been derived from the ancient form of Sanskrit dramas- the 'Prahasna' and the 'Bhana'.

### Hint Box

Tamasha, Therukoothu, Theyyam, Yakshagana, Bhavai, Jatra, Nautanki, Ramlila

Different styles of paintings are known by different names.

37

# Styles of PAINTINGS

Read the descriptions of the following famous styles of paintings and write their names.



1. A large painting with a singular concept done directly on the wall, the ceiling or the floor.

2. A painting that shows objects like flowers, food or musical instruments, depicting the effect of light and shadow.

3. A drawing in a newspaper or magazine intended as a humorous, observation about something.

4. A painting depicting the culture of a particular region.

5. A painting of a person especially of the head and shoulders.

6. A painting showing the beauty of nature like mountains, jungles, gardens, rivers, valleys and the wilderness.



## Hint Box

Cartoon, Portrait, Still Life, Folk Painting, Mural, Landscape

Space is a zone that occurs about 100 kilometers above the planet, where there is no appreciable air to breathe or to scatter light.



# Up in the Sky

Read the following statements and write 'T' for true and 'F' for false statements :



1. The only planet that rotates on its side is Uranus.
2. The first artificial satellite to be launched into space was Spuntnik 1.
3. Halley's Comet was last seen in the inner solar system in 1986; it will be visible again from earth some time in 2061.
4. The sun is over 3,00,000 times larger than the earth.
5. Footprints and tyre tracks left behind by astronauts on the moon will stay there forever as there is no wind to blow them away.
6. Pluto is no longer considered a planet.
7. Venus is the coldest planet in the solar system with a surface temperature of over  $-450^{\circ}\text{C}$ .
8. Andromeda is the star closest to our solar system.
9. The only planet that spins backwards relative to the others is Mercury.
10. Mercury and Venus are the only two planets in our solar system that do not have any moons.

## Fact File

Depending on the geometry of the sun, moon and the earth, there can be between 2 and 5 solar eclipses each year.

# Space Talk

Go through the given space quiz and fill in the blanks with correct words :

1. A person who is trained to travel into space in a spacecraft is called an \_\_\_\_\_.
2. The first person to go into space was \_\_\_\_\_ of Russia.
3. A female dog named \_\_\_\_\_ was the first animal to go into space and circle around the earth.
4. \_\_\_\_\_ of USA was the first man to set foot on the moon.
5. The \_\_\_\_\_ eclipse occurs, when the moon gets between the sun and the earth.
6. The \_\_\_\_\_ eclipse occurs, when the earth gets between the sun and the moon.
7. Sputnik, the first artificial satellite of the world was launched by \_\_\_\_\_.
8. The planet \_\_\_\_\_ is the hottest planet in our solar system.
9. The planet \_\_\_\_\_ is the coldest planet in our solar system.
10. Jupiter, Saturn, Neptune and Uranus are also known as \_\_\_\_\_, as they are made up mainly of gases.

## Hint Box

Venus, Neil Armstrong, Solar, Neptune, Lunar, Astronaut, Yuri Gagarin, Gas Giants, Laika, Russia (USSR)

There are many great Indian scientists whose talent have been fully established in many different areas.



# Great INDIAN SCIENTISTS

Identify the following great Indian scientists with the help of the clues :



He was given the Nobel prize in Physics for the discovery of 'Raman Effect'.

\_\_\_\_\_



He is known as the 'Father of Indian Nuclear Programme'.

\_\_\_\_\_



He received the Nobel Prize in medicines for his research in Genetics.

\_\_\_\_\_



The father of 'India Space Programme' and founder of ISRO (Indian Space Research Organisation).

\_\_\_\_\_



This scientist invented Crescograph to measure growth in plants.

\_\_\_\_\_



He is known for his work in Physics. The sub-atomic particle 'Boson' is named after him.

\_\_\_\_\_

## Hint Box

Jagdish Chandra Bose, Homi J. Bhabha, C. V. Raman, Dr Har Gobind Khorana, Satyendra Nath Bose, Vikram A. Sarabhai

## Fact File

Dr A.P.J. Abdul Kalam was an Indian aerospace scientist and politician who served as the 11th President of India from 2002 to 2007.

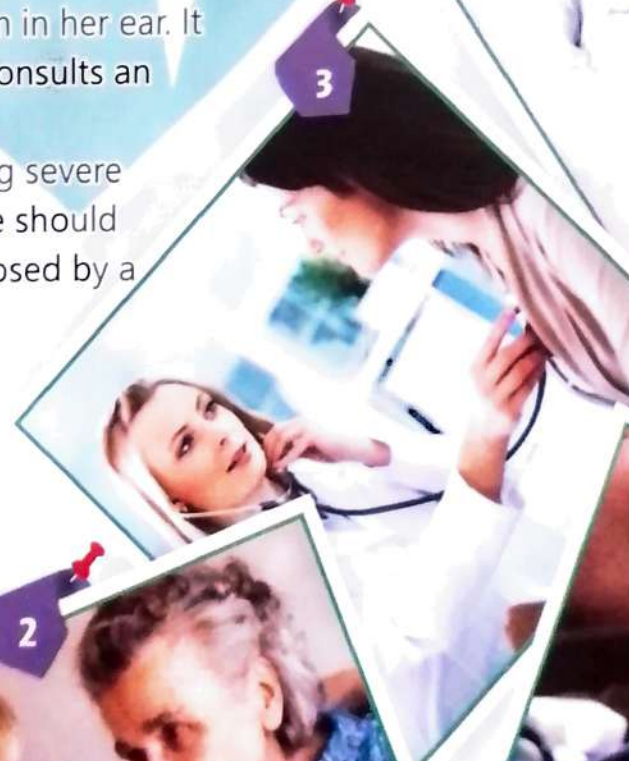
Medicine is the field of health and healing. It includes nurses, doctors and various specialists.



# BRANCHES of Medicine

What kind of doctor would you suggest to the person for the given situations?

1. Shikha has a skin infection. She should consult a \_\_\_\_\_.
2. Reena's great grandmother who is aged needs a check-up. Reena should take him to a \_\_\_\_\_.
3. Nileema has heart problems. She should consult a \_\_\_\_\_.
4. Shubha's aunt is pregnant. She should consult a \_\_\_\_\_.
5. Ritika has some problem in her ear. It would be better if she consults an \_\_\_\_\_.
6. Somesh has been having severe headaches. He thinks he should get his condition diagnosed by a \_\_\_\_\_.





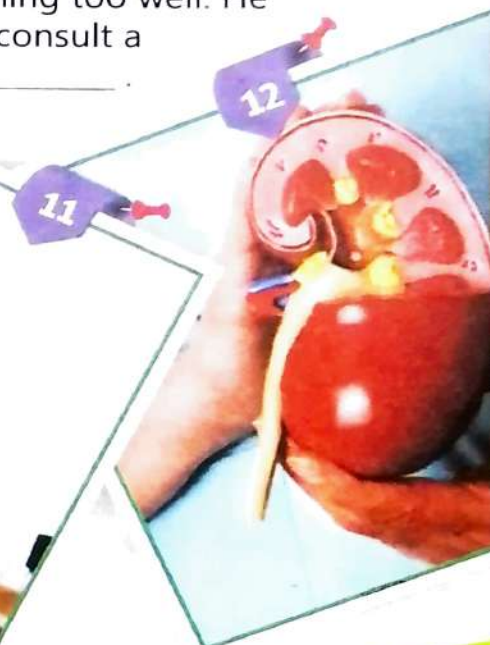
- 7. Ruchi has breathing problems. She needs to get her lungs checked by a \_\_\_\_\_.
- 8. Ragini's little kid has fever. She should consult a \_\_\_\_\_.



- 9. Ritu has crooked teeth. She should consult an \_\_\_\_\_.
- 10. Avinash has a problem in digesting things. He should go to a \_\_\_\_\_.



- 11. Farida is suspected to suffer from cancer. She should go to a \_\_\_\_\_.
- 12. Jaspreet's kidneys are not functioning too well. He should consult a \_\_\_\_\_.



**Hint Box**  
 Gerontologist, Gynaecologist, Gastroenterologist, Cardiologist, Nephrologist, Otologist, Pulmonologist, Orthodontist, Neurologist, Hematologist, Dermatologist, Paediatrician

**Fact File**  
 Florence Nightingale is known to have established nursing as a career. She started the first nursing school.

An Aadhar Card is a proof of identity.



# Aadhar CARD

A. Look at the front and reverse sides of this Aadhar Card. Look at your Aadhar Card and tick (✓) the information you can see on it :



1. Aadhar No.
2. Enrollment No.
3. Name
4. Date of Birth
5. Age
6. File No.
7. Parent's Name
8. Emblem of India
9. Nationality
10. Gender
11. Place of Birth
12. Phone Number

B. Answer these questions :

1. In which two languages is the information given?  
.....
2. What information is given at the back of the Aadhar Card?  
.....

You must have been studying computer as a subject at school.

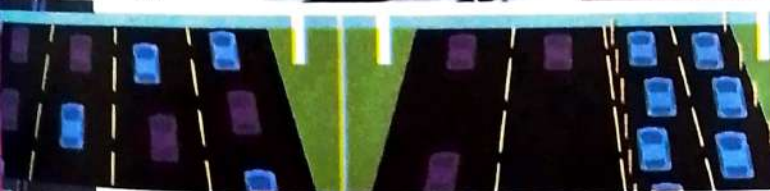


Read the clues and name what is being talked about in each, in relation to computer education.

1. A graphical icon which is used to show emotions during a chat.
2. This is the name given to a regular user of the internet.
3. This is a type of website run by an individual or a small group and updated regularly.
4. This term is used for the correct or acceptable ways of using the internet.



5. A term for the principle that internet service providers should enable access to all content and applications regardless of the source, and without favouring or blocking particular products or websites.
6. A person who uses computers to gain unauthorized access to data.
7. This piece of software allows the server to store its information about a user on his own computer.
8. This is what the unsolicited bulk e-mails are known as.



Netiquette, Cookie, Blog, Emoticon, Hacker, Netizen, Net Neutrality, Spam

# Quick Test 3

Based on Learning Skills

A. Tick (✓) the correct option :

- Gulmarg in \_\_\_\_\_ (India) is world's most famous place for skiing.  
(a) Delhi  (b) Kashmir  (c) Punjab
- Which is the musical dance drama from Karnataka?  
(a) Yakshagana  (b) Nautanki  (c) Ramlila
- The sun is over \_\_\_\_\_ times larger than the earth.  
(a) 2,00,000  (b) 5,00,000  (c) 3,00,000
- Who uses computers to gain unauthorized access of data?  
(a) Hacker  (b) Tracker  (c) Blogger

B. Fill in the blanks :

- \_\_\_\_\_ is known to have established nursing as a career.
- The planet \_\_\_\_\_ is the hottest planet in our solar system.
- In Olympics, Mascot was used for the first time at the \_\_\_\_\_ Games in 1972.
- \_\_\_\_\_ of India became the World No. 1 in Women's Recurve Archery.

C. Write 'True' or 'False' :

- Theyyam is the famous folk theatre of Kerala.
- Andromeda is the star closest to our solar system.
- Homi J. Bhabha is known as the 'Father of Indian Nuclear Programme'.
- The first person to go into space was Yuri Gagarin of Russia.

D. Identify the following pictures and write their names :



## Unit - 7



### Values & Life Skills

- ✿ The Importance of Right Values
- ✿ What would You Do?
- ✿ Conserve Nature
- ✿ Traffic Rules
- ✿ The Clean Air Board Game
- ✿ Balanced Diet

## Unit - 8



### Train Your Brain

- ✿ Symbols, Signs and Numbers
- ✿ Brain Teasers
- ✿ Puzzling Maths
- ✿ Analogies



LEARNING SKILLS/OUTCOMES AS PER NEP 2020



- HD Psychomotor
- HD Self-regulation
- 21<sup>st</sup> CS Social Skills
- HD Empathy
- 21<sup>st</sup> CS Health & Well-being

For Unit - 7

For Unit - 8

- HD Problem-solving
- 21<sup>st</sup> CS Creativity
- 21<sup>st</sup> CS Critical Thinking



# The **IMPORTANT** of Right **Values**

Being a good and honest person is the most important achievement in life. Inculcating the right values and morals, this section contains information on some important values that each one of us must practice.

## **Honesty**

Being truthful and sincere.

## **Kindness**

Being considerate and thoughtful towards others.

## **Respect**

Honouring others.

## **Responsibility**

Being answerable and performing one's duties.

## **Cooperation**

Working together amicably, helping family and friends.

## **Courage**

Strength in the face of difficulty, bravery.

## **Forgiveness**

To pardon.

## **Gratitude**

Quality of being thankful and appreciative.

Which of the above values do you see in the sentences below?

1. My parents have taught me to always listen to elders. \_\_\_\_\_
2. The project that Rahul and Rohit together did for the Science exhibition has won the first prize at the state level. \_\_\_\_\_
3. Pranav fought alone with the burglars and prevented a robbery. \_\_\_\_\_
4. While playing, I accidentally hurt my friend, but he just smiled and continued playing. \_\_\_\_\_
5. When I gifted my sister her favourite watch, she hugged me tight. \_\_\_\_\_
6. My father bought toys for the children living in the orphanage. \_\_\_\_\_
7. Meena performed her task of monitoring the class very well. \_\_\_\_\_
8. I handed over ₹ 100/- that I found on the floor, to my teacher. \_\_\_\_\_



# 45 What Would You Do?

Imagine you are in the situations mentioned below. Choose the option which is closest what you would do in a particular situation :

1. If your classmate needs your help to understand and solve a difficult maths problem, you would:
  - a. say that he/she should do it himself/herself.
  - b. help him/her gladly.
  - c. ignore him/her.
2. If you have broken a flower vase while playing in the house, you would:
  - a. admit that it was your fault and apologize.
  - b. put the blame on your sibling.
  - c. say that you don't know how it happened.
3. If the shopkeeper forgets to take money for the chocolate you have bought from his shop, you would:
  - a. go to the shopkeeper and point out that he forgot to take money.
  - b. go back home happy that you saved the money.
  - c. think that it's only one bar of chocolate and it wouldn't matter.
4. If you have broken the window pane of your neighbour's house while playing cricket, you would:
  - a. run away from the place.
  - b. blame the bowler for the mistake.
  - c. go to the house and apologize to the owner.
5. If you are playing a computer game and your mother asks you to bring something from the neighbourhood shop, you would:
  - a. say that you would do it later.
  - b. leave your game and go to the shop.
  - c. ask your mom to get it done by someone else.



Biodegradable waste is decomposed by the microorganisms present in the soil. Non-biodegradable waste does not decompose easily.



# Conserve Nature

Sort the following things into biodegradable and non-biodegradable items. Write them in the correct columns :

- |                |                         |                  |                 |
|----------------|-------------------------|------------------|-----------------|
| plastic bag    | vegetable peels         | plastic sheets   | crystal glasses |
| old clothes    | lizards and cockroaches | fizzy drink cans | bangles         |
| aluminium foil | empty wooden boxes      | automobile parts | paper           |

## BIODEGRADABLE


## NON-BIODEGRADABLE


### Fact File


The garbage from factories, households, etc. which we dump in our surroundings or nearby places makes our environment dirty. \_\_\_\_\_



Sometimes we walk to our school, the market or a friend's house. We should follow certain safety rules while walking on the road. We should learn to recognise road signs for our safety.

# Traffic Rules

A. Some road signs are given below. Write the correct number against what they fit.

1. 	2. 	3. 	4. 
5. 	6. 	7. 	8. 
9. 	10. 	11. 	12. 

- Narrow road ahead
- Slippery road
- Unguarded level crossing ahead
- Turn right
- Turn left
- Steep ascent
- No overtaking
- Narrow bridge ahead
- Pedestrian crossing
- Men at work
- School ahead
- Parking

B. Tick (✓) the traffic rules which we should follow

- 1. We should run while crossing the road.
- 2. We should walk on the footpath.
- 3. We must look right, left and then right again while crossing the road.
- 4. If there is a pedestrian signal, we should cross the road when the signal is green.
- 5. If there is no footpath, we should walk on the extreme right hand side of the road.



Our air or atmosphere is a natural resource that we must protect from contamination by checking pollution.  
Play this board game and increase your awareness :

48

# The CLEAN AIR Board GAME

**START**

Green Space **1**

You can't exercise because the high ozone levels in the air make it difficult to breathe.  
Lose one turn.

**2**

Your local power station burns coal.  
Add two pollutant to your score.

**3**

The Clean Air Act is passed.  
Breathe the fresh air and take another turn.

**4**

Your parents get their cars serviced regularly.  
Remove one pollutant from your score.

**5**

Your garage contains toxic cleaning solvents.  
Lose one turn.

**6**

You use air conditioner on hot days instead of a fan.  
Add one pollutant to your score.

**7**

**FINISH**

You ride your bicycle to school each day.  
Remove one pollutant from your score.

**20**

## INSTRUCTIONS

1. Play with a friend.
2. Start with the Green Space.
3. Take turns rolling the dice and moving the game pieces. You may choose two different coins as your game pieces. Follow the instructions on each step and add or subtract a pollutant as directed.
4. Record scores on the given Tally Sheet.
5. The player with the lowest score (cleanest air) wins.

**8**

Your parents buy a new car that uses an alternative fuel or is a low emission vehicle.  
Remove one pollutant from your score.

**9**

Your wood-burning barbecue releases harmful gases.  
Add two pollutant to your score.



You voice your concerns to the society through newspaper.  
Remove one pollutant from your score.

19

Every member of your family commutes alone to reach work place each day.  
Add two pollutants to your score.

18

17

16

15

14

13

12

You have solar panels at home.  
Remove one pollutant from your score.

Follow strict national guidelines to your consumption.  
Remove one pollutant from your score.

You burn small bonfires using wood in winters.  
Remove one pollutant from your score.

Your family's diesel car needs engine maintenance.  
Add one pollutant to your score.

Your family reduces their energy use.  
Breathe the fresh air and take another turn.

Tally sheet for score

Me	My friend

10

11

Your parents are careful not to let the car on idle for very long at the red light.  
Remove one pollutant from your score.

You have a headache from harmful gases or toxic exposure.  
Lose one turn.

Here is a list of some food items from all the three groups. Each sub-group has a special colour so that you can identify it. Look at these plates. The meals are not balanced. Add two items to each plate :



# BALANCED DIET



## Body builders

proteins : beans, sprouts, lentils like dal

## Energy givers

carbohydrates : roti, potatoes, sugar, rice, pasta, bread

1

roti,  
ladies finger,  
curry

\_\_\_\_\_

\_\_\_\_\_

2

pasta,  
cream

\_\_\_\_\_

\_\_\_\_\_

## Energy givers

fats : ghee, butter, oil

3

rice, salad,  
oil

\_\_\_\_\_

\_\_\_\_\_

## Protective foods

fruits : strawberry, banana, mangoes, apples, grapes, etc.

## Protective foods

vegetables : spinach, cauliflower, capsicum, brinjal, peas, lady finger, carrot, etc.

## Body builders

dairy products : milk, cheese, paneer, curd, cream



## Fact File

Sugar and salt are found naturally in many foods, but we tend to add and eat huge amounts of both, in desserts, pickles and fast food. This is harmful.

## Clue

If the plate has one item from each of the six groups, you know that you have a balanced meal.





# Symbols, Signs And Numbers

Can you identify the word that gets formed by combining the words, signs, symbols, signs and numbers shown below?

### Column A

### Column B

Answer

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10



L

Any

River



Grey

A

Gr

B

Kit

+	→
+	→
+	→
+	→
+	→
+	→
+	→
+	→
+	→
+	→

milk



1



some

B



B

4

10

=	→
=	→
=	→
=	→
=	→
=	→
=	→
=	→
=	→
=	→

- 
- 
- 
- 
- 
- 
- 
- 
- 
-



# BRAIN Teasers



Read the statement, carefully and choose the correct option

- In how many cases are digits in the number 2138574, their positions in the number and the positions when the digits of the number are arranged in the ascending order identical?  
(a) Nil  (b) Four   
(c) Three  (d) Two
- 'BELOW' is related to 'OBWEL' in a certain way. Which of the following pairs has the same relationship?  
(a) DRAFT : FDTRA  (b) REPLY : LRYPE   
(c) YOUNG : UYGON  (d) YEARS : RESYA
- If 'WING' is written as '\* £ ? = ' and 'THEN' as '@ \$ © ?', then how will 'NITE' be written?  
(a) ? \* @ ©  (b) ? £ @ ©   
(c) ? £ \$ ©  (d) ? £ @ \$
- If R is to the West of P, Q is to the East of R, S is to the South of Q. In what direction is S with respect of P ?  
(a) North  (b) South-East   
(c) South  (d) Cannot be determined
- If PASSPORT is written as RCUURQTV, then how will BOOKLET be written?  
(a) CPPLMFO  (b) CQQMNFY   
(c) DQQMNGV  (d) DRRNMGW
- If GHOST is coded as HOSTE, then HORSE will be coded as :  
(a) ORSEG  (b) ORSEF   
(c) FORSE  (d) SEFOR
- If A is substituted by 2, B by 3, C by 4, D by 2, E by 3, F by 4 and so on, then what will be total of the numerical values of the letter of the word LINE?  
(a) 13  (b) 14   
(c) 16  (d) 15



# Puzzling MATHS



- Fill in the number that comes next in each sequence below:  
(a) 4, 8, 16, 32, 64, \_\_\_\_\_  
(b) 1, 3, 6, 10, 15, \_\_\_\_\_  
(c) 5, 10, 5, 15, 5, \_\_\_\_\_  
(d) 2, 4, 16, 256, \_\_\_\_\_
- Sameer ran 30 laps on Wednesday, 34 laps on Thursday, 38 laps on Friday, and 42 laps on Saturday. If this pattern continues, how many laps will Sameer run on Sunday?
- The kitchen sink got clogged, so Manav called a plumber. The plumber arrived at 11:15 a.m., and finished fixing the sink at 12:35 p.m. How long did it take the plumber to fix the sink?
- The teacher called Dilip, Ganesh and Iti to the library. Whom will she call next, if she is following a pattern?  
(a) Krishna  
(b) Jasmine  
(c) Mala  
(d) Nishant
- Fill in the missing words :  
(a) Gagarin is to astronaut as Newton is to \_\_\_\_\_  
(b) Ganga is to river as Africa is to \_\_\_\_\_  
(c) Gidda is to Punjab as Rouf is to \_\_\_\_\_
- If the day before yesterday is two days after Monday, then what day is it today?  
(a) Monday  
(b) Tuesday  
(c) Wednesday  
(d) Saturday
- If Raman is older than Tara, Tara is older than Jai, then Jai is younger than both Raman and Tara. (True/False)
- Jack carrying a sack on his right shoulder, looked at his reflection in the lake. In the reflection, the sack was over the left shoulder. (True/False)

There are three shapes in the first three boxes. The first two shapes are related to each other in some way. The third shape is related to one of the shapes in the five boxes. Tick (✓) the correct letter :



# Analogies



<b>1</b>		↔			↔					
<b>2</b>		↔			↔					
<b>3</b>		↔			↔					
<b>4</b>		↔			↔					
<b>5</b>		↔			↔					
<b>6</b>		↔			↔					
<b>7</b>		↔			↔					
<b>8</b>		↔			↔					

# Quick Test 4

Based on Learning Skills

A. Tick (✓) the correct option :

- Which of the value do you see in the sentence below?  
My parents have taught me to always listen to elders.  
(a) Honesty  (b) Respect  (c) Kindness
- If you have broken a flower vase while playing in the house, you would.  
(a) admit that it was your fault and apologize.   
(b) put the blame on your sibling.   
(c) say that you don't know how it happened.
- If GHOST is coded as HOSTE, then HORSE will be coded as :  
(a) ORSEG  (b) FORSE  (c) ORSEF
- If the day before yesterday is two days after Monday, then what day it today?  
(a) Tuesday  (b) Saturday  (c) Monday

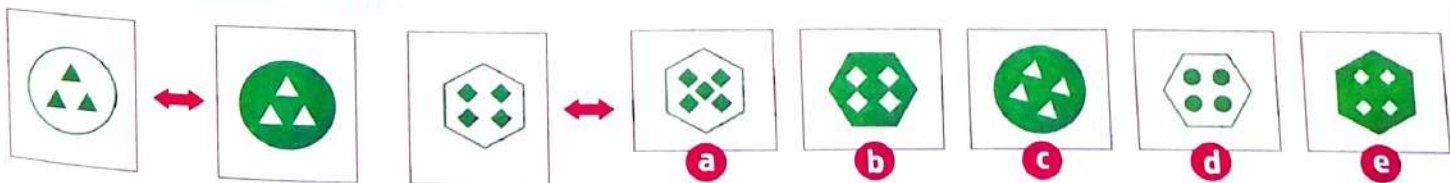
B. Fill in the blanks :

- \_\_\_\_\_ waste does not decompose easily.
- \_\_\_\_\_ like Flipkart, Amazon and Snapdeal can be used to buy things that you want.
- Complete the sequence : 4, 8, 16, 32, 64, \_\_\_\_\_.
- Gagarin is to astronaut as Newton is to \_\_\_\_\_.

C. Understand the correlation and fill in the blanks with correct words :

- Fish : Gills :: Man : \_\_\_\_\_
- Eiffel Tower : Paris :: Opera House : \_\_\_\_\_
- Ocean : Waves :: Deserts : \_\_\_\_\_
- Zoology : Animals :: Mycology : \_\_\_\_\_

D. Tick (✓) the correct letter :



# Half-Yearly Assessment Paper

(Based on CBE)

A. Tick (✓) the correct option :

1. Taj Mahal is located in:

- a. Uttar Pradesh  b. Uttarakhand  c. Himachal Pradesh

2. Who is a famous Indian business tycoon; the Managing Director and Chairman of Reliance Industries Limited (RIL)?

- a. Mukesh Ambani  b. Anil Ambani  c. Lakshmi Mittal

3. These roots of banyan tree support the plant:

- a. Storage  b. Prop  c. Aerial

4. Chetan Bhagat is the writer of:

- a. War and Peace  b. India Divided  c. Making India Awesome

5. He is the \_\_\_\_\_ to the throne.

- a. Hare  b. Heir  c. Hair

B. Fill in the blanks :

1. \_\_\_\_\_ is the author of the book Kamayani.

2. \_\_\_\_\_ is the dog that helps the police.

3. \_\_\_\_\_ is the source of anti-biotic penicillin.

4. A \_\_\_\_\_ is the person who is skilled in the art of music.

5. Mandodari was the wife of \_\_\_\_\_ .

C. Match the following :

1. Silicon valley

(a) Rajendra Prasad

2. Longest coastline

(b) Saluki

3. India Divided

(c) Spinach

4. Oldest breed of dog

(d) Gujarat

5. Rich in iron

(e) Bengaluru

D. Identify the following pictures and write their names :



1



2



3



4

# Annual Assessment Paper

(Based on CBE)

A. Tick (✓) the correct option:

1. A graphical icon which is used to show emotions during a chat:  
a. Emoticons                       b. Netizen                       c. Hacker
2. It is the coldest planet in the solar system:  
a. Neptune                       b. Venus                       c. Mars
3. If PASSPORT is written as RCUURQTV, then how will BOOKLET be written?  
a. CPPLMEO                       b. COQMNFY                       c. DQQMNGV
4. A team sport played in water:  
a. Surfing                       b. Water polo                       c. Jet skiing
5. A painting depicting the culture of a particular region:  
a. Mural                       b. Folk painting                       c. Portrait

B. Fill in the blanks :

1. \_\_\_\_\_ invented crescograph to measure growth in plants.
2. Ganga is to river as Africa is to \_\_\_\_\_ .
3. Sputnik, the first artificial satellite of the world was launched by the \_\_\_\_\_ .
4. \_\_\_\_\_ waste is decomposed by the microorganisms present in the soil.
5. \_\_\_\_\_ is no longer considered a planet.

C. Match the following :

- |                 |                  |
|-----------------|------------------|
| 1. Kidney       | (a) West Bengal  |
| 2. Jatra        | (b) Potatoes     |
| 3. Energy giver | (c) Ears         |
| 4. Otologist    | (d) Gas giant    |
| 5. Uranus       | (e) Nephrologist |

D. Identify the following pictures and write their names :



1



2



3



4

# Olympiad Model Paper

A. Tick (✓) the correct option :

1. This part of the plant is called its food factory because it produces food for the plant using sunlight, water and carbon dioxide. Which part of the plant is this?  
(A) Flower  (B) Stem  
(C) Root  (D) Leaf
2. On which date is International Women's Day celebrated?  
(A) 1st March  (B) 8th March  
(C) 10th March  (D) 25th March
3. Where is Gir National Park located?  
(A) Gujarat  (B) Punjab  
(C) Uttar Pradesh  (D) Bihar
4. Which of the following is not a characteristic of a good student?  
(A) To be obedient.  
(B) To study regularly.  
(C) To participate in sports and extra curricular activities.  
(D) Not paying attention in class.
5. The scientific study of an earthquake is called :  
(A) Ecology  (B) Biology  
(C) Seismology  (D) Acropathology
6. If the day before yesterday is two days after Monday, then what day is it today?  
(A) Saturday  (B) Tuesday  
(C) Monday  (D) Wednesday
7. If a person touches a hot surface and gets burnt then you should :  
(A) Put ice on the burn.  
(B) Apply an antiseptic ointment on the burn.  
(C) Run cool water over the burnt area.  
(D) All of the above.



# ANSWER SHEET

Page 8 : 1. h 2. f 3. a 4. e 5. c 6. d 7. g 8. b

Page 9 : 1. Dog 2. Shark 3. Rat 4. Bear 5. Moth 6. Snake  
7. Albatross

Page 10 : 1. Dodo 2. Passenger Pigeon 3. Woolly Mammoth  
4. Great Auk 5. Golden Toad 6. Tasmanian Tiger

Page 11 : 1. Saluki 2. Chihuahua 3. Labrador Retriever  
4. Greyhound 5. Bloodhound 6. Giant George  
7. Zeus 8. Peebles

Page 12 :



Page 13-14 : 1. Tulsi 2. Sunflower 3. Fenugreek 4. Garlic  
5. Turmeric 6. Cinchona 7. Mint 8. Ginger

Page 15 : 1. Contractile 2. Haustorial 3. Aerial 4. Storage  
5. Buttress 6. Breathing 7. Prop

Page 16 : 1. c 2. i 3. e 4. a 5. f 6. d 7. g 8. b 9. j 10. h

Page 17 : 1. Venus Flytrap 2. Sundew 3. Pitcher Plant  
4. Bladderwort 5. Cobra Plant

Page 18 : 1. a 2. b 3. a 4. a 5. b 6. b 7. b 8. a 9. b

Page 19 : **A.** 1. b 2. c 3. c 4. b 5. c 6. a 7. c 8. b  
**B.** 1. break 2. diary 3. quiet 4. steel 5. thrown  
6. piece 7. except 8. allowed

Page 20 : **A.** 1. assistance 2. professional 3. tolerant 4. villain  
5. business 6. apology 7. separate 8. occasion

**B.** 1. Dietician 2. Historian 3. Magician 4. Musician  
5. Veterinarian 6. Pediatrician 7. Optician  
8. Grammarian

Page 21 : **A.** 1. Heart 2. Skin 3. Face 4. Chin 5. Knee 6. Ear  
7. Elbow 8. Palm 9. Finger 10. Waist

**B.** 1. Dimple 2. Armpit

Page 22 : 1. d 2. e 3. f 4. g 5. j 6. i 7. b 8. a 9. c 10. h

Page 23 : 1. Mahatma Gandhi 2. Thomas Edison 3. Albert  
Einstein 4. Benjamin Franklin 5. Mother Teresa  
6. John F. Kennedy 7. Eleanor Roosevelt  
8. Ralph Waldo Emerson

Page 24-25 : 1. c 2. a 3. c 4. b 5. a 6. b 7. a 8. c 9. b 10. b

Page 26 : **Quick Test-1**

**A.** 1. a 2. c 3. c 4. b

**B.** 1. Contractile 2. Greyhound 3. Mahatma Gandhi  
4. Hanuman

**C.** 1. c 2. d 3. a 4. b

**D.** 1. Dodo 2. Banana leaf 3. Ruskin Bond

Page 28 : 1. a, i 2. d, g 3. c, e 4. f, j 5. b, h

Page 29 : 1. Jaipur 2. Nagpur 3. Jodhpur 4. Jamshedpur  
5. Amritsar 6. Bengaluru 7. Darjeeling  
8. Hyderabad 9. Kolkata 10. Kanpur 11. Rishikesh  
12. Udaipur

Page 30 : 1. Kolkata 2. Puri 3. Prayagraj (Allahabad)  
4. Haridwar 5. Mathura 6. Amarnath 7. Ajmer  
8. Sanchi 9. Madurai 10. Bhubaneswar

Page 31 : 1. Andhra Pradesh 2. Uttar Pradesh 3. West Bengal  
4. Gujarat 5. Madhya Pradesh 6. Assam 7. Haryana  
8. Karnataka 9. Himachal Pradesh 10. Mizoram  
11. Goa 12. Nagaland

Page 32 : 1. Dayananda Saraswati 2. Swami Vivekanand  
3. Annie Besant 4. Sir Syed Ahmad Khan  
5. Raja Ram Mohan Roy

Page 33 : 1. Indira Gandhi 2. Pratibha Patil 3. Mother Teresa  
4. Kiran Bedi 5. Bachendri Pal 6. Anandibai Gopalrao  
Joshi 7. Surekha Yadav 8. Mithali Raj

Page 34-35 : **A.** 1. Jawaharlal Nehru 2. Lal Bahadur Shastri  
3. Gulzarilal Nanda 4. Indira Gandhi 5. Morarji Desai  
6. Ch. Charan Singh 7. Rajiv Gandhi 8. V.P. Singh  
9. Chandra Shekhar 10. P.V. Narsimha Rao  
11. Atal Bihari Vajpayee 12. H. D. Deve Gowda  
13. I.K. Gujral 14. Manmohan Singh  
15. Narendra Modi

**B.** 1. Jawaharlal Nehru 2. Gulzarilal Nanda  
3. Rajiv Gandhi 4. P.V. Narsimha Rao  
5. Atal Bihari Vajpayee

Page 36 : 1. g 2. a 3. d 4. h 5. f 6. c 7. b 8. e

Page 37 : 1. Sri Lanka 2. Canada 3. Australia 4. USA  
5. Germany 6. Japan 7. Bangladesh 8. Pakistan  
9. UK

Page 38 : 1. North and South Korea 2. Poland and Germany  
3. India and Pakistan 4. France and Italy 5. France  
and Germany 6. India and China 7. US and Canada  
8. North and South Vietnam 9. Pakistan and  
Afghanistan 10. Russia and Finland

Page 39 : 1. Statue of Liberty 2. Forbidden city  
3. Buckingham Palace 4. Parthenon  
5. Al Masjid Al-Haram

Page 40 : 1. c 2. f 3. d 4. g 5. a 6. h 7. b 8. e

Page 41 : 1. YAMUNA, DELHI 2. THAMES, LONDON 3. MOSKVA,  
MOSCOW 4. NILE, CAIRO

Page 42 : 1. Shanghai World Financial Center 2. Zifeng Tower  
3. One World Trade Center 4. Taipei 101 5. Burj  
Khalifa 6. Willis Tower 7. Petronas Towers 8. Royal  
Clock Tower Hotel 9. International Commerce Centre

Page 43 : 1. Lakshmi Mittal 2. Bill Gates 3. Mukesh Ambani  
4. Steve Jobs

Page 44 : **Quick Test-2**

A. 1. b 2. a 3. c 4. a

B. 1. Sucheta Kripalani 2. Puri 3. Sundarbans  
4. Statue of Liberty

C. 1. Jaipur 2. Amritsar 3. Darjeeling 4. Udaipur

D. 1. Sri Lanka 2. Burj Khalifa 3. B.R. Ambedkar

Page 46 : 1. f 2. a 3. e 4. c 5. b 6. d

Page 47 : 1. Miraitowa 2. Vinicius 3. Wenlock and Mandeville  
4. Fuwa 5. Athena and Phevos 6. Olly, Syd and  
Millie 7. Cobi 8. Hodori 9. Sam

Page 48 : 1. Parasailing 2. Kneeboarding 3. Jet skiing  
4. Surfing 5. Scuba Diving 6. Rafting 7. Water Polo  
8. Snorkeling

Page 49 : 1. Athletics 2. Basketball 3. Boxing 4. Weightlifting  
5. Tennis 6. Fencing 7. Sailing 8. Rowing 9. Archery  
10. Cycling

Page 50-51 : 1. Bhavai 2. Jatra 3. Ramlila 4. Nautanki  
5. Therukoothu 6. Tamasha 7. Theyyam  
8. Yakshagana

Page 52 : 1. Murali 2. Still Life 3. Cartoon 4. Folk Paining  
5. Portrait 6. Landscape

Page 53 : 1. T 2. T 3. T 4. T 5. T 6. T 7. F 8. F 9. F 10. T

Page 54 : 1. Astronaut 2. Yuri Gagarin 3. Laika 4. Neil  
Armstrong 5. Solar 6. Lunar 7. Russia (USSR)  
8. Venus 9. Neptune 10. Gas Giants

Page 55 : 1. C. V. Raman 2. Homi J. Bhabha 3. Dr Har Gobind  
Khorana 4. Vikram A. Sarabhai 5. Jagdish Chandra  
Bose 6. Satyendra Nath Bose

Page 56-57 : 1. Dermatologist 2. Gerontologist 3. Cardiologist  
4. Gynaecologist 5. Otologist 6. Neurologist  
7. Pulmonologist 8. Paediatrician 9. Orthodontist  
10. Gastroenterologist 11. Hematologist  
12. Nephrologist

Page 58 : A. Do Yourself

B. 1. Hindi and English 2. Address

Page 59 : 1. Emoticon 2. Netizen 3. Blog 4. Netiquette  
5. Net Neutrality 6. Hacker 7. Cookie 8. Spam

Page 60 : **Quick Test-3**

A. 1. b 2. a 3. c 4. a

B. 1. Florence Nightingale 2. Venus 3. Munich  
4. Deepika Kumari

C. 1. True 2. False 3. True 4. True

D. 1. Vinicius 2. Boxing 3. C.V. Raman

Page 62 : 1. Respect 2. Cooperation 3. Courage  
4. Forgiveness 5. Gratitude 6. Kindness  
7. Responsibility 8. Honesty

Page 63 : 1. b 2. a 3. a 4. c 5. b

Page 64 : **Biodegradable**: vegetable peels, old clothes, lizards  
and cockroaches, empty wooden boxes, paper

**Non-biodegradable**: plastic bags, plastic sheets,  
crystal glasses, fizzy drink cans, bangles, aluminium  
foil, automobile parts.

Page 65 : A. 1. Parking 2. School ahead 3. Men at work  
4. Narrow road ahead 5. No overtaking  
6. Narrow bridge ahead 7. Pedestrian crossing  
8. Slippery road 9. Steep ascent 10. Road turn left  
11. Turn right 12. Unguarded level crossing ahead

B. 1. X 2. ✓ 3. ✓ 4. ✓ 5. X

Page 69 : 1. Buttermilk 2. Elbow 3. Anyone 4. Riverbank  
5. Handsome 6. Great 7. Across 8. Grand 9. Before  
10. Kitten

Page 70 : 1. c 2. a 3. b 4. b 5. c 6. b 7. b

Page 71 : 1. a. 128 b. 21 c. 20 d. 65536 2. 46 laps 3. 1 hour  
20 minutes 4. b 5. a. scientist b. continent  
c. Jammu and Kashmir 6. d 7. True 8. True

Page 72 : 1. d 2. e 3. c 4. b 5. e 6. b 7. b 8. e

Page 75 : **Quick Test-4**

A. 1. b 2. a 3. c 4. d

B. 1. Non-biodegradable 2. Websites 3. 128  
4. Scientist

C. 1. Lungs 2. Sydney 3. Sand Dunes 4. Eyes

D. e

Page 76-77 : **Olympiad Model Paper**

1. (D) 2. (B) 3. (A) 4. (D) 5. (C) 6. (A) 7. (D) 8. (A)  
9. (D) 10. (B)



United Nations

SUSTAINABLE DEVELOPMENT

GOALS



These 17 United Nations Sustainable Development Goals (SDGs), also known as the Global Goals, were adopted by the United Nations in 2015 to ensure that by 2030 all people enjoy peace and prosperity, globally.

The SDGs represent an aspiring plan to enhance peace and prosperity, eradicate poverty and protect the planet, now and into the future.