

EMPOWERING GK

with

global
j.gyasa

5

Answer Key



A Note to All Students About the Answer Key & Book Series

Hello students!

I hope you are doing well and working towards enhancing your general knowledge and awareness through the ‘Empowering GK with Global Jigyasa’ series among other resources.

Before you open the answer key, **I just want to make sure that you have tried your best to find the answers for yourself!** All of us as human beings love getting answers to questions asked. It is human nature in fact.

However, when it comes to GK or any other subject, it is important to make sure that **we try our best to find the answers for ourselves before we use resources like answer keys.** Students, trust me when I say that you learn more while searching for answers than you do once you get them.

General knowledge and awareness are all about reading new things. The joy of *jigyasa* or the curiosity to learn is what will make you better at GK. Keep your eyes and ears open to learn about anything happening around you, in your society, your nation and the world. We don't always need to learn with a clear objective in mind like an exam, a test or school homework. **Learn for the fun of it! That's what GK is about.**

Google search, use Wikipedia or other modes to learn more about the topics covered. Discuss answers with your friends and more importantly, discuss all covered topics and chapters in greater detail. And then, once you are done with all of these things, access this answer key! *For students of younger grades (Grades 1 to 3), parents must help and be a part of this process.*

It is for this reason that the answer key has not been provided at the back of the GK book. **We also want you to access all resources on the online portal such as the Weekly Current Affairs Quizzes and Extra Questions (per chapter).** Only when you do this, will you be fully utilizing the book and ensuring that it not only helps you enhance your GK but also your current affairs knowledge.

That said, I hope the answers in this answer key provide you with a gateway to *global jigyasa!*

Stay updated! Stay enlightened!

Regards,
Anansh Prasad
Author – Empowering GK with Global Jigyasa
Founder and MD – SkillSphere Education

*One day our nation is sure to fly. With these wings which at present dormant lie.
And whether anyone else is there or not, we shall be there to see it off.....*

- Anansh Prasad

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CH 1 SAFETY AND EMERGENCY NUMBERS



Safety First! This must be our motto at any cost irrespective of what we do.

Match the columns below related to activities and important safety equipment in each case.

Driving a car



Doctor conducting a surgery



Riding a motorcycle



Going rafting in a lake



Climbing up a building's exterior for construction work



Jigyasu's Challenges!

Emergency Numbers

For different emergencies, India's national helpline has specific numbers on which we can call. Can you find out these numbers for different situations?

1. National Emergency Number - 112 (A century plus a dozen)
2. National Police Assistance Number - 100 (5 scores)
3. National Fire Safety Number - 101 (8 dozens plus 5)
4. National Ambulance Assistance Number - 102 (A century +2)
5. National Helpline Number for Women - 1091 (11 centuries minus 9)



Many surveys carried out suggest that in the case of motorcycle accidents, over 80% serious injuries and deaths are caused due to not wearing a helmet. Always wear one!

For answer keys, facts and more quizzes related to 'Safety and Emergency Numbers' & weekly current affairs quizzes, please visit the following link:
globaljigyasu.com/books/grade5

You can also access them through the following QR Code-



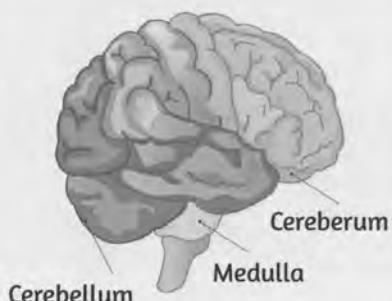
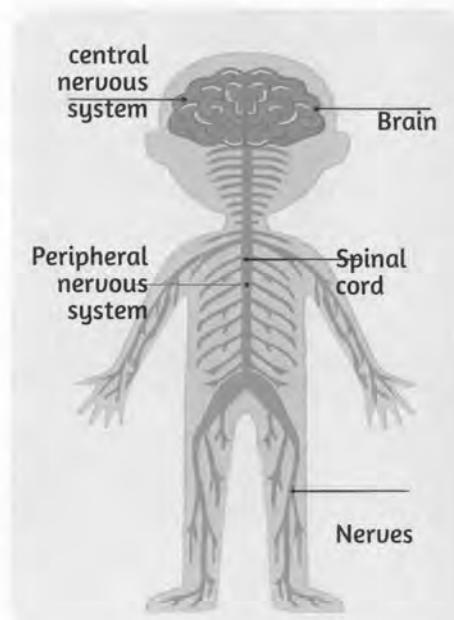
CH 2 INSIDE MY BODY - BRAINY ME!

My Nervous System

How do you realise that you don't like some vegetable? In fact, how are you understanding these words you are reading?! The answer is - your **Nervous System**!

The nervous system is the '**boss of our body**'! It directs the body to perform everything - voluntary as well as involuntary. It is divided into 2 parts.

The first part is the **central nervous system**. It consists of the **brain** and the **spinal cord**. It is the most complex organ in our bodies. The human brain is the most developed of all!!



The **brain** has **3 parts** - the **cerebrum** which is the largest. It helps us sense, think and imagine different things. The 2nd part is the **cerebellum** which is also called the '**little brain**'. It helps us balance, move and learn new things. The 3rd and final part is called the '**medulla**' or the **brain stem**. It looks after the inner workings of our body which are involuntary - we don't directly control them. Like digestion for example. The **spinal cord** helps our brain communicate with our body.

The **peripheral nervous system** is made up of **nerves** that spread all across our bodies. They are like electric wires! They **carry signals** to and from the brain. They are of **2 types** - **sensory nerves** carry **signals or messages** from our senses to our brains. **Motor nerves** carry messages from our brain to the rest of our body telling us what to do. Our life depends on these signals! Luckily, our brain always has network unlike our smartphones!

So the next time anyone taunts you by saying, 'You don't have a brain?', you know what to tell them - it's impossible!





Jigyasu's Quizzes!

Language Integrated Activity

Circle the correct answers in these questions that are related to the passage. More than one answer may be correct.

1. The medulla would be passing signals to which of these organs for digestion?
 a. Stomach b. Lungs c. Veins
2. Which part of the brain helps me decide whether I like the taste of a pizza?
 a. Motor nerves b. Spinal Cord c. Cerebrum
3. What is another word that has a similar meaning as voluntary?
 a. Optional b. Mandatory c. Compulsory
4. The 'little brain' plays a big role in which of these cases?
 a. Running a race b. Helping me taste ginger c. Learning pottery
5. The veins carry blood while the _____ carry signals. Fill in the blank.
 a. Blood b. Signals c. Nerves
6. If leaves are now called roots, and a stem is now called a leaf, then what will the medulla now also be called?
 a. Brain Stem b. Brain Leaf c. Brain Root
7. Motor nerves carry messages to the brain like _____ carry blood back to the heart.
 a. Veins b. Eyes c. Sensory nerves
8. How many nerves does the human body have? (Hint: Think really big!)
 a. 7000 Crores b. 7,00,000 Crores c. 70 Crores



The human brain becomes three times its size in the first year of our lives. Interestingly, it starts getting smaller as we get older.

For answer keys, facts and more quizzes related to 'Inside my Body - Brainy Me!' & weekly current affairs quizzes, please visit the following link:
globaljigyasu.com/books/grade5

You can also access them through the following QR Code-





While our world is beautiful, and we have so much to cherish
 There are a few social issues, causing many people anguish
 Poverty and unemployment, and malnourishment are some
 Pollution and deforestation too, are causing people to be glum
 We must fight these together to make the world a better place
 So that everyone in our society lives with a happy content face!

- Anansh Prasad



Each question provides a real life instance of people from different parts of India facing some social issues. **From the box below, can you identify the social issues they are mainly facing?**

Pollution

Deforestation

Malnourishment

Unemployment

Lack of Medical Facilities

Poverty



1. The Jarawas are a tribal group. They are among the oldest inhabitants of the Andaman and Nicobar Islands. They have lived there for thousands of years. In recent times, their numbers have fallen drastically. One of the main reasons for this is the Andaman Trunk Road being built through a large part of the forests they occupy. This has affected their homes and space. Which issue have they majorly been affected by?

DEFORESTATION

2. Every year, during the festival of Ganesh Chaturthi, when idols are immersed into the Arabian Sea in Mumbai, it causes a lot of harm to the aquatic life in its waters. It is for this reason that everyone is promoting the use of eco-friendly Ganesh idols. Which issue is the Arabian sea being affected by in this case?

POLLUTION





3. During the period of Covid19, a lot of daily wage labourers working on construction sites in Bangalore and Mumbai lost their jobs. They had no source of earning money for several months. Luckily, a lot of them have gotten jobs once again now. What social issue were they facing back then?

UNEMPLOYMENT

4. Deepak is an old man in a small village in Manipur. He is suffering from a disease called tuberculosis. Unfortunately, there is no hospital in his village, and medicines are also not very easily available. Like Deepak, there are many people in villages whose health is affected for similar reasons. What social issues are they facing?

LACK OF MEDICAL FACILITIES



5. Mohan is a 3 year old boy in the village of Chondimukhed, Karnataka. As his family is poor, he gets only one meal a day with a little rice and dal. He is not growing as much as his friends of the same age. What issue is he suffering from?

MALNUTRITION

6. Mohit works in a small factory as a helper. He earns Rs. 7500/- per month for his work. But he has 10 children and a wife. They need to survive on that amount. He is not earning enough money to provide his family with food, shelter and clothing the way he'd like to. Which social issue is he facing? Around 7-8 crore people in India face this same issue as Mohan.

POVERTY



Can you think of atleast 1 solution for each of these 6 social issues discussed in the previous section? Discuss these with your friends, family and teachers.

For answer keys, facts and more quizzes related to 'Social Issues' & weekly current affairs quizzes, please visit the following link:
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Diseases are illnesses which are commonly seen among humans, animals and plants. They spread in many ways such as through direct contact, air, water, insect carriers etc.

Unfortunately, many diseases are commonly seen around us. We need to protect ourselves from them.



Mark the correct option related to different diseases and their carriers.

1. The bite of an infected mosquito is one of the biggest sources of disease spread in India. Apart from chikungunya and dengue, _____ is another common disease spread by mosquitoes. It causes chills, fever, sweating and other symptoms. Name it
- Tuberculosis
 - Common Cold
 - Malaria
 - Chicken Pox



2. This particular disease caused the most recent pandemic across the world. It has led to the deaths of lakhs of people unfortunately. Can you name the disease and a vaccine that is being administered to fight it?

- Covid19 - Covishield
- Dengue - Dolo
- Covid19 - Dolo
- Diarrhoea - Covaxin



3. Influenza is a viral infection that all of us suffer from at least once in our lives. It causes a cough and cold, attacking our lungs, nose and throats. It is spread through air. What is it commonly known as?

- Bact
- Flu
- Pox
- Palsy



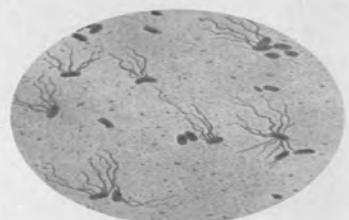
4. Eating contaminated/stale/spoilt food causes a very troublesome illness. Our stool (potty) becomes loose and watery. The number of times we begin passing stool also increases a lot. Can you name this illness?

- Measles
- Rickets
- Diarrhoea
- Malaria



5. Typhoid is a disease that is spread due to a very small organism called salmonella typhi. It causes headaches, stomach pain, high fevers and other symptoms. It spreads through a certain liquid if that liquid is contaminated/infected. Name it.

- a. Water
- b. Ice
- c. Oil
- d. Air



6. This is one of the diseases around us that spreads most easily - either through the air or direct contact with an infected person's hands or eyes. The disease causes irritation, redness and tearing of our eyes. Can you name it?

- a. Conjunctivitis
- b. Mumps
- c. Chicken Pox
- d. Brucellosis



7. This disease commonly spreads through the air specially affecting small children. It causes red rashes across the skin, cough, fever and inflamed eyes. It typically affects us for 1-2 weeks. Can you name it?

- a. Typhoid
- b. Measles
- c. Covid19
- d. Dengue



As they often say, prevention is better than cure! Since most diseases spread mostly through air, water, food, insect carriers and direct contact, what are the precautions that we can take to prevent infections. List down a few below. One example is given.

1. Make sure that the food we eat is fresh and not contaminated
-
-
-
-
-

For answer keys, facts and more quizzes related to 'Diseases and Prevention' & weekly current affairs quizzes, please visit the following link:
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India is a land of biodiversity. Every region of India has unique animals, birds and marine life. All Indian states and union territories have their official animals and birds.

Can you solve this crossword puzzle related to some of them? One example has been given.

ACROSS

1. The GIR Forests in Gujarat are the only remaining natural habitat of the Asiatic Lion where nearly 674 of these animals survive in the wild.
8. The Dugong is a large sea mammal and is the official animal of the Andaman and Nicobar Islands. An infamous prison known as Cellular Jail or KALAPANI is also located here
9. Hangul is the official animal of JAMMU & KASHMIR - a Union Territory that was a state until 2019. In fact, JAMMU & KASHMIR had its own flag till 2019!
11. The Gaur or Indian Bison is the state animal of BHAR. Patna is a city that is also situated in BHAR.

DOWN

2. The Great Indian Bustard is a critically endangered bird. It is the state bird of RJASTHAN - a state where you will find the Blue City, Yellow City and the Pink City.
3. The Red Panda is the state animal of SKKIM India's second highest peak - Mount Kanchenjunga - is situated in this northeast Indian state whose capital is Gangtok
4. The state animal of Tamil Nadu is the NLGIRI Tahr. Once abundant, today only around 3,000 of these animals exist. Part of the Western Ghats, the NLGI Mountains are spread across 3 states majorly - Karnataka, Kerala and Tamil Nadu.
5. The Indian Elephant is the state animal of Karnataka. Bholu - also an Indian elephant - is the mascot of the Indian RAILWAYS. (Hint - Shatabdi and Rajdhani)
6. The one-horned rhinoceros is the state animal of Assam. Can you name the capital of Assam? DISPUR
7. The Snow Leopard is the state animal of HINACHAL Pradesh - also called the 'Apple State of India'.
10. The official bird of Arunachal Pradesh is HORNBILL. It is also a festival celebrated in Nagaland that is called the 'Festival of Festivals'.



1	G	I	2	R
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S
T
H

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K		G	
I		I	
O		R	
R		N	
N		B	
B		I	
I		L	
L		L	

5	R	6	D
A	P	A	S
L	N	N	P
W	I	I	U
Y	R	R	R
S	I	S	S

7	H
I	
M	
9	J A M M U & K A S H
C	N
11	B I H A R
A	
L	

10	H
M	I
I	R
O	I



For answer keys, facts and more quizzes related to 'State Animals and Birds' & weekly current affairs quizzes, please visit the following link:
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CH 6

TRIBES OF INDIA



In the land of diversity, there are many tribes
Who have lived on this land for 1000s of years
Values of living from them we must imbibe
They love trees, animals and their ecospheres

Many of them don't like to be disturbed
Living peacefully in India's different parts
We must not affect their serene world
The importance of tribes we must impart

-Anansh Prasad



**Jigyasu's!
Quizzes!**

There are over 640 different tribes in India!
Answer the questions related to some of them.

1. Gonds are an indigenous people who generally belong to the states situated in Central India. Their largest population resides in a state that is also known as the 'Heart of India'?

- a. Madhya Pradesh
- b. Gujarat
- c. Himachal Pradesh
- d. West Bengal



2. Sherpas are tribal people who generally reside in Sikkim. They are known for their climbing skills and one of the first men to ever climb Mount Everest was a Sherpa. Which of the following persons are we talking about?

- a. Richard Branson
- b. Tenzing Norgay
- c. Charles Darwin
- d. Kim Jong-Un



3. Santhals are one of the largest tribal groups in India. They also form the largest tribal group in Jharkhand. Jharkhand is home to a city that was set up by the Tatas and is called the 'Steel City of India'. Can you name this city?

- a. Jamshedpur
- b. Mumbai
- c. Kochi
- d. Dhaka



4. The Andaman and Nicobar Islands are home to an isolated tribe called the Sentinelese. They have shunned any interaction with the outside world. They still follow a very primitive form of life. Can you name the capital of the Andaman and Nicobar Islands?

- a. Kavaratti
- b. Nagpur
- c. Shimla
- d. Port Blair



5. The Chakma people primarily practice shifting cultivation and their largest population resides in a northeast Indian state. This state is also part of the Seven Sister states of India. Can you name this state?

- a. Odisha
- b. Gujarat
- c. Mizoram
- d. West Bengal



6. The Bhutias are a tribe native to Sikkim. At least two former captains of the Indian national _____ team hail from the Bhutia tribe. One of these is Bhaichung Bhutia. The current captain of India's _____ team is Sunil Chhetri. Fill in the blanks.

- a. Cricket
- b. Football
- c. Volleyball
- d. Hockey



7. The Mundas are a tribe belonging primarily to eastern India. The tribe, led by Birsa Munda, played a great role in the independence movement when they revolted against the British around the year 1900. The airport in Ranchi is named after Birsa Munda. Ranchi is the capital of?

- a. Bihar
- b. Jharkhand
- c. Odisha
- d. Telangana



8. Jammu and Kashmir is home to nomadic tribes like Gujjars and Bakarwals. Even today, a large population of these tribes keep migrating to different places along with their goatherds in search of pasture. Such people, who migrate in search of pasture, are known as?

- a. Barter
- b. Nomads
- c. Aryan
- d. Pilgram

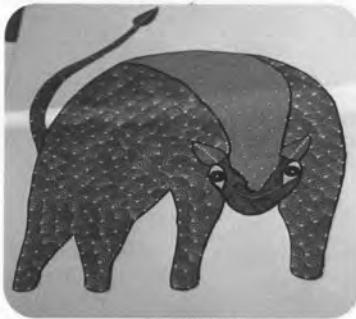


In today's times, many of India's tribes are facing a threat to their existence owing to many of our activities. Deforestation and infections are among the main reasons. We have to take steps to protect our tribes and make sure that they are not disturbed.

Provided below is an example of **Gond tribal art** which is distinct for the use of dots, dashes, curved lines and elements of nature.



Can you copy this piece of art or make something similar in the box along with a message which asks people to protect our tribes?



For answer keys, facts and more quizzes related to 'Tribes of India' & weekly current affairs quizzes, please visit the following link:
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CH 7**WILDLIFE SANCTUARIES OF INDIA**

A wildlife sanctuary is a protected area of importance for animals, birds, plants, trees and other elements of nature. They especially keep animals safe from hunting and deforestation.

**Jigyasu's
Quizzes!**

From the box given below, can you identify the names of these beautiful Indian wildlife sanctuaries using the hints provided?

Corbett National Park
Kaziranga National Park
Sunderban National Park

Kanha National Park
Periyar Wildlife Sanctuary
Ranthambore National Park



1. Located in Rajasthan.
Known for its tigers,
nilgais and hyenas

2. Protected elephant
and tiger reserve in
Kerala's backwaters

3. In Assam, it is home to
2/3rds of the one horned
rhinos found in the world

RANTHAMBORE
NATIONAL PARK

PERIYAR WILDLIFE
SANCTUARY

KAZIRANGA
NATIONAL PARK



4. It is in West Bengal
and is the world's
largest mangrove forest

5. Named after a
famous British hunter
and naturalist. Located
in Uttarakhand

6. Located in Madhya
Pradesh. Home to the
famous barasingha
among other animals

SUNDERBAN
NATIONAL PARK

CORBETT
NATIONAL PARK

KANHA
NATIONAL PARK

For answer keys, facts and more quizzes related to 'Wildlife Sanctuaries of India' & weekly current affairs quizzes, please visit the following link:
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CH 8

INDIAN RAILWAYS

A lifeline for India, the Indian Railways connects almost every part of the country through its rail network.



Transporting people, goods and also providing other services, India would never have developed as much as it has without our extensive railway network.

Strike off the incorrect word in each statement related to the Indian Railways.

1. The Indian Railways is ~~Asia's/Earth's~~ largest rail network



2. It was founded on 16th April, ~~1963/1853~~ with the first train running from Mumbai's Bori Bandar to Thane.

3. Today, the Indian Railways is such a big organisation that it has become India's largest ~~employer/voyager~~ with about 12.5 lakh people working for it.



4. ~~Bholu/Shambhu~~, the railway guard elephant is the mascot of the Indian Railways since 2003

5. With a length of 1.4 km, the railway platform at ~~Hubballi/Gorakhpur~~ Junction in Karnataka, is the longest one in the world.

6. India's longest railway tunnel (11.2 km) as of 2022, passes through the ~~Sahyadri/Pir Panjal~~ ranges in Jammu and Kashmir.

7. The railway coach manufacturing unit of the Indian Railways is called Rail Coach Factory. It is located at ~~Munger/Kapurthala~~ in Punjab.



8. The ~~Chhatrapati Shivaji Terminus/Ahilyabai Holkar Terminus~~ in Mumbai, is a beautiful railway station and a UNESCO world heritage site.



What is the longest distance that you have ever travelled by a train?

For answer keys, facts and more quizzes related to 'Indian Railways' & weekly current affairs quizzes, please visit the following link:
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CH 9

THE DIAMONDS OF GOLCONDA

Diamonds? Necklaces, rings and lockets. Precious, aren't they?! Want to get yourself a **Golconda diamond?** The most precious ones will cost you a few 100 crore rupees at the minimum!

Around 500 years ago, in the region of Golconda close to modern day Hyderabad in Telangana, the fabled **diamond mines of Golconda** were accidentally discovered! For 200 years from thereon, they became the centre for diamond mining and trading.



Koh-i-Noor Diamond

The Golconda mines are home to some of the most precious diamonds ever mined. A **carat** is a unit of measurement for the physical weight of diamonds. It is **equal to 0.2 grams**. Today, 1 carat of diamonds costs between Rs. 1 lakh to Rs. 13 lakhs depending on the quality of the diamond cut, rarity and other factors. That's quite expensive isn't it?!

Nothing in comparison to the most precious diamonds mined in Golconda. The **Koh-i-Noor diamond weighs 105.6 carats!** Want to do some mental maths to calculate its value?! Also as diamonds get bigger, they weigh a lot more and their prices per carat multiply by several times. Currently owned by the King of England, the Koh-i-Noor is considered priceless.

The blue Hope Diamond (45.52 carats), Nas-sak Diamond (43.38 carats), the Daria-i-Noor Diamond (182 carats), and the Dresden Green Diamond (41 carats) are some of the other precious ones from Golconda.

By the early 1800s, the Golconda mines were depleted in diamond reserves and extensive mining stopped. Unfortunately most of these precious diamonds aren't in India anymore. Many of them are in Iran, Russia, USA and Britain. The Indian government is trying to get them back. Today, India is the centre for diamond cutting in the world. **Surat** is called the '**Diamond City**'!



Hope Diamond



Jigyasu's Quizzes!

Question the answers! We are going to try something very different here.

An answer is provided. You must frame a question for which the answer is as mentioned. One example is provided.

1. Golconda mines

Can you name a famous set of diamond mines in India close to Hyderabad, Telangana?

2. Koh-i-Noor Diamond

CAN YOU NAME A DIAMOND SOURCED FROM INDIA THAT IS CURRENTLY OWNED BY THE KING OF ENGLAND?

3. 1 Carat

WHAT IS THE UNIT OF MEASUREMENT USED TO EVALUATE THE SIZE AND WEIGHT OF A DIAMOND?

4. 43.38 Carats

WHAT IS THE WEIGHT OF THE FAMOUS NASSAK DIAMOND?

5. Diamond City of India

WHAT IS SURAT ALSO KNOWN AS?

6. King of England

WHO OWNS THE KOHINOOR DIAMOND TODAY?

7. Iran, Russia, USA and Great Britain

CAN YOU NAME A FEW COUNTRIES WHERE DIAMONDS FROM INDIA'S GOLCONDA MINES CAN BE FOUND?

8. Depletion in the 1800s

WHY ARE THE GOLCONDA MINES INACTIVE TODAY?

For answer keys, facts and more quizzes related to 'The Diamonds of Golconda' & weekly current affairs quizzes, please visit the following link:

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The ills in India's society have been addressed thanks to many great and selfless people. These social reformers have brought about numerous positive changes over the years.

These include fighting for the rights of women, stopping caste based discrimination, uplifting the poor, educating children etc.



Jigyasu's! Answer the following questions related to some of India's greatest social reformers

1. Raja Ram Mohan Roy was an Indian social reformer who fought against Sati – an anti-women ritual that used to be practised in India. Sati was finally abolished in 1829. Roy belonged to a state where you will find the Sundarbans today. Can you name this state?

- a. Odisha
- b. West Bengal
- c. Bihar
- d. Rajasthan



2. Dayanand Saraswati was a revolutionary Indian reformer who advocated for women's right to education, opposed animal sacrifice and the caste system. He passed away near Ajmer in 1883. Which of the following animal festivals is famous from this region?

- a. Pushkar Fair
- b. Dussehra
- c. Hornbill
- d. Onam



3. Swami Vivekananda is known for having introduced Hinduism globally through his lectures across the world. The most famous of these lectures was held at the World's Parliament of Religions in 1893. It took place in a North American country famous for the Rocky Mountains. Name this country?

- a. USA
- b. Mexico
- c. Sri Lanka
- d. Malaysia



4. Savitri Bai Phule is arguably the greatest reformer for women's education in India. She set up the first school for girls in 1853, and went on to open more than 20 schools despite stern opposition from society. She belonged to a city in Maharashtra that is now called the 'Oxford of the East'. Can you name this city?

- a. New Delhi
- b. Darjeeling
- c. Pune
- d. Ahmedabad



5. Anna Hazare is a modern Indian reformer who helped transform his village 'Ralegan Siddhi' in the 1970s. He did this by improving the utilisation of water resources, planting more trees and by fighting social evils like dowry and alcoholism. Which of these monuments is not located in the same state as his village?

- a. Gateway of India
- b. India Gate
- c. Ajanta Caves
- d. Bibi ka Maqbara



6. Known for the Bachpan Bachao Andolan, Kailash Satyarthi is a child right's activist who has freed more than 80,000 children from the practice of child labour and provided them shelter. He belongs to a state whose capital is called the **City of Lakes**. Can you name the state?

- a. Maharashtra
- b. Kerala
- c. Assam
- d. Madhya Pradesh



7. Also called the 'Water Man of India', Rajendra Singh has helped bring back water to more than 1,000 drought-affected villages. He has also successfully revived 5 regional rivers in Rajasthan. He used techniques like rainwater harvesting to bring these changes. Which among the following is **not situated in Rajasthan**?

- a. Thar Desert
- b. Sambar Lake
- c. Hawa Mahal
- d. Brahmaputra River



8. Aruna Roy is a reformer who fought a problem that plagues all of India - corruption. Her movement forced the Indian government (in 2010) to pass a law called the Right to Information Act. One of her colleagues in this movement is now the **Chief Minister of Delhi**. Can you name him?

- a. Nitish Kumar
- b. Uddhav Thackeray
- c. Arvind Kejriwal
- d. Yogi Adityanath



Art Integrated Activity

Taking inspiration from these social reformers, can you make a poster in the box below to support any social cause you strongly feel for?

For answer keys, facts and more quizzes related to 'Social Reformers' & weekly current affairs quizzes, please visit the following link:
globaljigyasu.com/books/grade5

You can also access them through the following QR Code-





The Bharat Ratna is India's highest civilian award. It is conferred upon individuals who are recognised for their "exceptional service/performance of the highest order" without any form of distinction.

As of 2022, only 46 Indians and 2 foreigners have been awarded this rare and prestigious honour.

Answer these questions related to Bharat Ratna Awardees. Also find the answers in the word grid on the next page. One example has been provided



1. Sachin Tendulkar was a great Indian sportsperson who was awarded the Bharat Ratna. He was lovingly called 'Master Blaster' and is the only sportsperson who has received India's top civilian honour. The sport he used to play professionally is C R I C K E T.

2. Atal Bihari Vajpayee was awarded the Bharat Ratna for his service to the country. He served as the P R I M E Minister of India. Indira Gandhi and Manmohan Singh have held the position of the P R I M E Minister of India.



3. JRD T A T A was a great Indian entrepreneur who was awarded the Bharat Ratna for his contributions in the field of business and social service. The T A T A Group owns airlines like Vistara and Air India, as well as cars like Indica and Nexus.



4. Nelson Mandela is one of only 2 non-Indians to have been awarded the Bharat Ratna. He was a freedom fighter from South A F R I C A and served as its first President. Capetown is one of the 3 capitals of South A F R I C A. Fill in the blanks.



5. Mother Teresa was awarded the Bharat Ratna in 1980 for her humanitarian work. She started a charitable organisation called the Missionaries of Charity to help the sick and poor. It is headquartered in K O L K A T A, a city famous for the Victoria Memorial.



6. Dr B R Ambedkar is called the Father of the Indian Constitution. He was a LAWYER by profession. You will take help from a LAWYER if you want to lodge a case against someone.

7. Satyajit Ray was a great Indian filmmaker from West Bengal. He is known for making films like Pather Panchali and the Apu Trilogy. BENGALI is the language spoken in West Bengal



8. Pranab Mukherjee was a great Indian politician who was awarded the Bharat Ratna in 2019. He served as the PRESIDENT of India. Ram Nath Kovind was the previous PRESIDENT of India. Fill in the blanks.

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



Using the Internet or other research sources, can you find out who are the most recent awardees and the only other foreigner to be awarded the Bharat Ratna.

For answer keys, facts and more quizzes related to 'Bharat Ratnas' & weekly current affairs quizzes, please visit the following link:
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You can also access them through the following QR Code-



CH 12 FREEDOM FIGHTERS OF INDIA III



Jigyasu's
Quizzes!

Language Integrated Activity

Fill in the blanks in these passages with the correct words.
One example is given

There are many great Indians who fought for our independence from British rule.
We live in a free country today because of their sacrifices.



Lala Lajpat Rai

He was a part of the popular TRIO (duo/trio) called Lal-Bal-Pal and was called Punjab Kesari. CHANDIGARH (Amritsar/Chandigarh) is the capital of Punjab.

He believed independence could only be attained by revolutionary activities and was deported to our neighbouring nation Burma in 1907 for his political activities. Today, we know Burma as MYANMAR (Myanmar/Japan)

He SACRIFICED (sacrificed/earned) his life for the nation while peacefully protesting against the Simon Commission in 1928

Like India, another country is home to a large state named Punjab. Can you find out the name of this country? PAKISTAN

Bal Gangadhar Tilak

Tilak was lovingly called 'Lokmanya' meaning 'LEADER (leader/owner) of the people'

One of the first leaders to call for complete independence in India, he was called the 'MAKER (Maker/Destroyer) of Modern India' by Gandhiji

He started the public celebration of GANESH (Ganesh/Pongal) Chaturthi so that freedom fighters could meet, as political gatherings had been banned by the British

The capital city of the state he belonged to, is called the 'Financial Capital of India'. Find out the name of the state. MAHARASHTRA





Bipin Chandra Pal

Pal was the third member of the Lal-Bal-Pal trio and belonged to Bengal. Bengal is situated in India's EAST (east/west)

While fighting for India's independence, he strongly called for a BOYCOTT (boycott/usage) of British goods as a means to end poverty and unemployment in India

He believed in revolutionary activities and was one of the few freedom fighters who was OPPOSED (opposed/followed) to Mahatma Gandhi's methods

A great freedom fighter fondly called 'Guru' also belonged to Bengal. What was his actual name? RABINDRANATH TAGORE

Annie Besant

British by birth, Annie was INSPIRED (inspired/against) by the Indian independence movement and launched the Home Rule League movement with Bal Gangadhar Tilak

She ADVOCATED (advocated/opposed) for self-rule in India and went on to become the first woman President of the Indian National Congress

She contributed greatly to India's heritage by translating Sanskrit texts like the BHAGAVAD GITA (Bhagavad Gita/Bible) into English

Annie Beaant passed away at a place known as Madras in India. What is this place in South India called today? CHENNAI



Pakistan received independence from British rule on 14th August, 1947. The partition of India and Pakistan officially took place on 15th August, 1947.

For answer keys, facts and more quizzes related to 'Freedom Fighters of India Part 3' & weekly current affairs quizzes, please visit the following link:
globaljigyasu.com/books/grade5

You can also access them through the following QR Code-





Population is the number of people who live in a specific area - whether it is a town, city, country, continent or the whole world.

It is a very important factor in determining a lot of things for countries - especially governance.

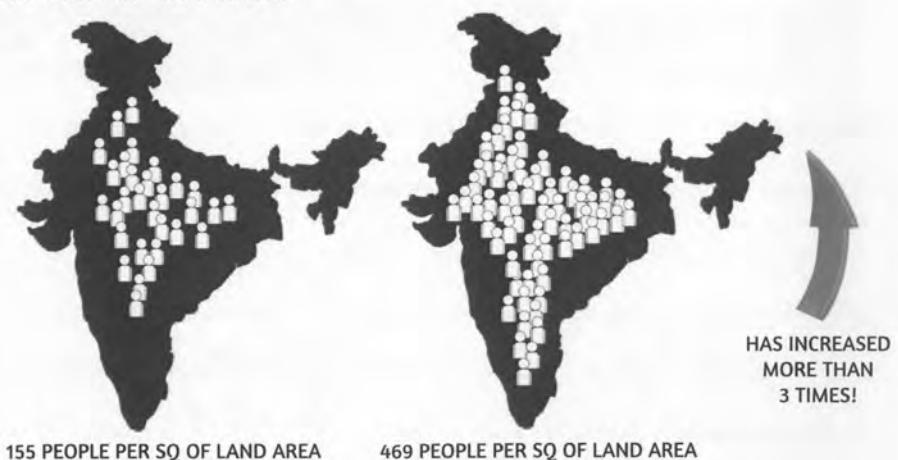
The current population of the world as of 2022 is approximately 790 crores (790,00,00,000 people)! That's a lot, isn't it?



In which case would there be more division of resources? Of course, house no 2!

This concept is called population density - the number of people living in a particular area divided by the size of the area.

Here's how the population density of India has changed in the past 60 years (World Bank Data).



An increase in population density causes a lot more pressure on resources - water, food, living area among many others. Controlling population growth is hence very important.

Overpopulation is a big issue affecting many countries like India, China, Thailand among many others.



Can you think of some of the advantages of having a larger population like India does?



Jigyasu's Quizzes!

Math Integrated Activity

Learn a lot more about the population of the world by correctly answering these questions!

1. The population of the world in 1900 was approximately 1/5th of the world's population in 2022 (790 crores). What was the world's population in 1900?

- a. 280 crores b. 90 crores c. 165 crores d. 340 crores

2. India is the second most populous country in the world. Approximately 1/6th of the world's population lives in our country as of 2021! What is our approximate population? Also think of the advantages and disadvantages of this.

- a. 139 crores b. 80 crores c. 210 crores d. 65 crores

3. Canada is about 3 times (99.8 lakh sq km) the size of India (32.9 lakh sq km). However, the population of Canada as of 2022, is approximately 3.8 crores only! Roughly, what fraction of India's population is this?

- a. 1/4 b. 1/40 c. 1/10 d. 1/15

4. The most populous country in the world is China as of 2022. Its population is just a few crores more than that of India. In fact, India is soon expected to become the world's most populous country. Roughly, what is the current population of China?

- a. 200 crores b. 78 crores c. 122 crores d. 145 crores

5. About 60% (3/5ths) of the world's population lives in Asia as of 2022- the largest continent. Many Asian countries have high population densities causing more pressure on resources. Roughly, how many people live on the other 5 continents?

- a. 320 crores b. 450 crores c. 100 crores d. 210 crores

6. Bangladesh is a country with the world's highest population density as of 2022. It is slightly less than 3 times the population density of India (469 people per sq km). What is its population density (per sq km)?

- a. 1250 people b. 500 people c. 320 people d. 2400 people

7. Vatican City, the smallest country in the world, also has the smallest population as of 2022. Its population is about half the value of the Indian rupee note of the highest denomination we use today. What is its population?

- a. 800-1000 people b. 100-200 people
c. 5000-6000 people d. 2000-3000 people



Jigyasu's
Quizzes!

Businesses and companies are a very important part of our world. They do work in different areas, provide employment and make money!

In each question, there are 3 logos of famous companies associated with a particular industry (area of work). Can you identify their industry from the box? One example is given.

Automobiles

Telecommunications

Clothing & Apparel

Smartphones

Chocolates &
Confectionaries

Watches

Ice Cream &
Desserts

Gaming



1. Telecommunications



2. CHOCOLATES AND CONFECTIONARIES



3. CLOTHING AND APPAREL



4. SMARTPHONES



5. GAMING



Go Further

6. AUTOMOBILES



7. WATCHES



8. ICE CREAM AND DESSERT



Jigyasu's Jokes!

Which company can help you keep the doctor away?
Answer: Apple! (An apple a day keeps the doctor away!)

For answer keys, facts and more quizzes related to 'Global Businesses' & weekly current affairs quizzes, please visit the following link:
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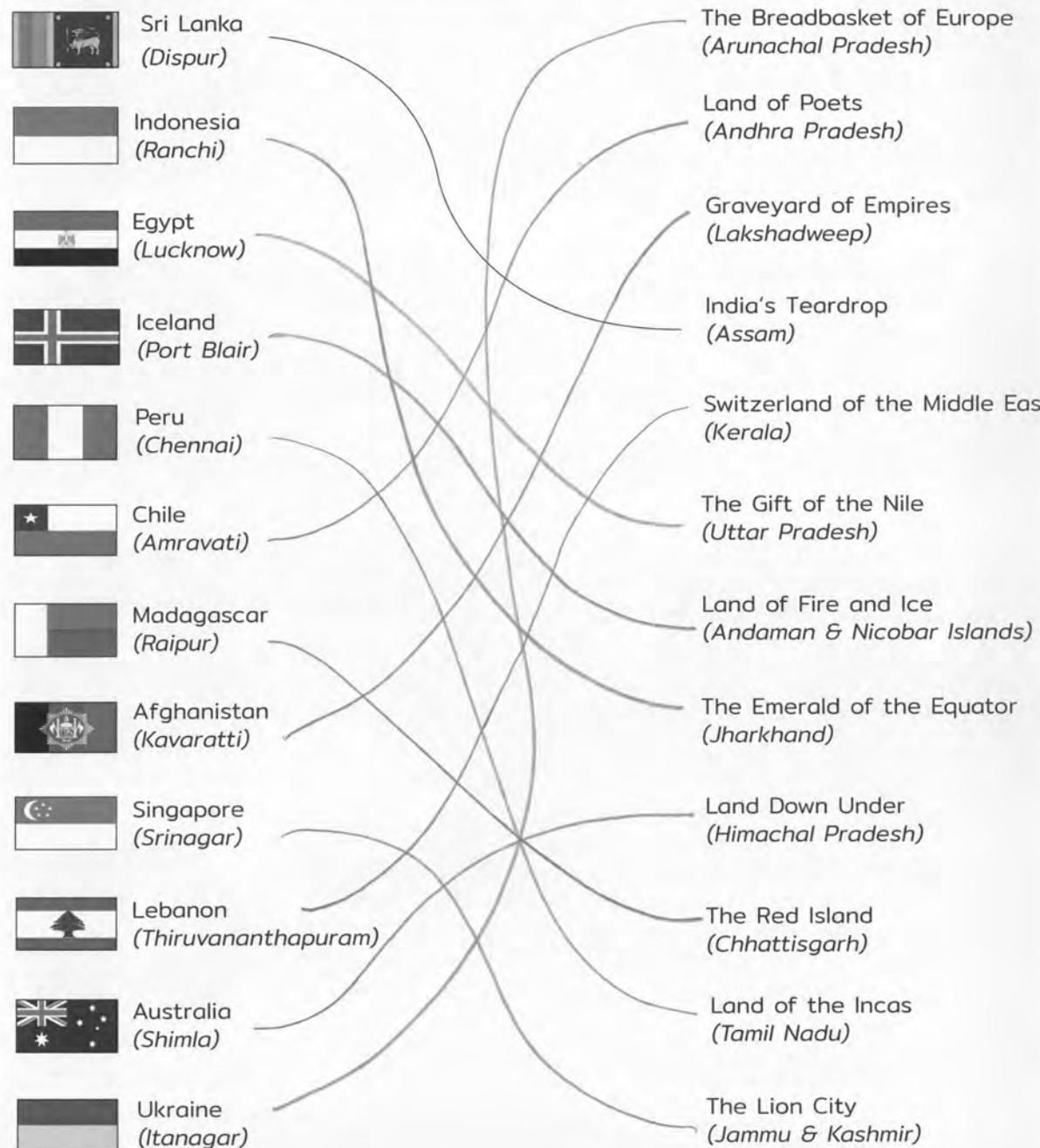
You can also access them through the following QR Code-





Match the columns of countries with their nicknames.
Use the Indian states-capitals hints provided below each country and nickname to match correctly. One example is given.

Also, via the Internet, find out the reason for the countries having these nicknames!



For answer keys, facts and more quizzes related to 'Country Nicknames' & weekly current affairs quizzes, please visit the following link:

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CH 16 PHYSICAL FEATURES OF THE WORLD II



The world is full of beautiful physical features!
In each of the questions, choose the correct option.

1. Situated in Australia, the **Great Barrier Reef** is the largest coral reef system in the world. It is home to thousands of species of plants and animals. Australia is situated towards the _____ of the planet. If you travel further _____, you will reach Antarctica where you will find the _____ Pole. Fill in the blanks.

- a. East
- b. West
- c. North
- d. South



2. The **Great Rift Valley** is a 7,000 kilometre crack in the Earth's surface running across Africa. It is home to many volcanoes. It is believed that ancestors of modern humans inhabited this place and spread out to different parts of the world. Modern humans are called _____. Fill in the blank.

- a. Neanderthal
- b. Homo Sapiens
- c. Homo Habilis
- d. Macaquez



3. The **Grand Canyon** is another natural marvel that has an almost 1-mile deep valley cut by the _____ river in the USA. The Canyon is nearly 450 kilometres long. Fill in the blank.

- a. Ganga
- b. Nile
- c. Amazon
- d. Colorado



4. **Cappadocia** is a unique landform situated in Turkey. It is also called 'Fairy Chimneys' and is a famous tourist attraction. Turkey is one of the few countries that lies on 2 continents - _____ and Europe. Fill in the blank.

- a. Australia
- b. Asia
- c. North America
- d. South America



About 90% (9/10s) of the Earth's population lives in the Northern Hemisphere (above the equator)

5. The **Dead Sea** is a salt lake situated in a country whose official language is Hebrew. The capital of this country is Tel Aviv. Can you name the country? The Dead Sea's water is so dense that it's almost impossible to drown as you keep floating because of the density.

- a. Venezuela
- b. South Africa
- c. Israel
- d. Nepal



6. **Lonar Lake** is one of the only lakes in the world to be formed by a crater. It is situated in Maharashtra. This state has 2 capitals - Mumbai and _____. _____ is also called the 'Tiger Capital of India' and the 'Orange City'. Fill in the blanks.

- a. Lucknow
- b. Nagpur
- c. Ahmedabad
- d. Thiruvananthapuram



7. The **Mariana Trench** is the deepest point in the ocean known to humans. It is almost 11 kilometres deep. It is situated in the world's largest ocean. Which ocean is this?

- a. Southern
- b. Atlantic
- c. Pacific
- d. Indian



8. **Mauna Loa** is considered the largest _____ in the world. When a _____ erupts, ash and dust are blown into the air while hot lava flows out. Fill in the blanks.

- a. Volcano
- b. Mountain
- c. Hot water spring
- d. Tsunami



Where do you find an ocean with no water?
On a map!

For answer keys, facts and more quizzes related to 'Physical Features of the World Part 2' & weekly current affairs quizzes, please visit the following link:
globaljigyasu.com/books/grade5

You can also access them through the following QR Code-





Provided below are the images of different dances and the name of the country they belong to. Fill in the blanks with the correct dance's name from the box.

-  Ballet
-  Kabuki
-  Samba

-  Haka
-  Tango
-  Salsa

-  Waltz
-  Flamenco
-  Lion Dance



New Zealand

Haka



China

LION DANCE



Cuba

SALSA



Brazil

SAMBA



Spain

FLAMENCO



Argentina

TANGO



Japan

KABUKI



Germany

WALTZ



Russia

BALLET

For answer keys, facts and more quizzes related to 'Dances of the World' & weekly current affairs quizzes, please visit the following link:
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CH 18

NATURAL PHENOMENA

The world is full of interesting natural phenomena. There is science happening all around us!



Fill in the blanks with the correct name of the natural phenomena using the names in the box and the provided hints. One example is given.

Decomposition
Germination

Scattering of Light
Solar Eclipse

Mirage
Rusting



Decomposition

1. Breaking down of dead things into simpler form



SOLAR ECLIPSE

2. When the sun comes between Earth and its Moon



RUSTING

3. Iron objects develop a reddish-brown flaky layer



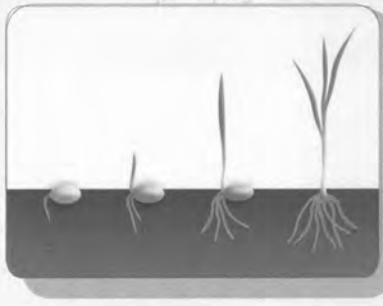
SCATTERING OF LIGHT

4. During sunset, the sun and horizon look reddish orange because of this



MIRAGE

5. Due to this, it decievingly seems like there is a pool of water on the road



GERMINATION

6. Growth of a plant from a seed



Close your eyes. For one minute, imagine living without electricity for a week. Think of how many things you'd be unable to do anymore. Electricity is super important, isn't it?!

We get energy for electricity and other purposes from 2 types of sources - renewable and non-renewable.



Non-renewable sources like coal are those energy sources that **are limited in amount**. If used excessively, they will get over and our future generations will be unable to use them.



Renewable sources are those energy sources which are **available in very large quantities** - often so much that they can't get over.

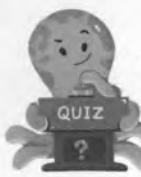
Which of the 2 energy resources do you think it is better to use?

RENEWABLE

As obvious as the answer seems, it's not that simple! **Globally, 4/5ths of our energy requirements (80%) are covered through non-renewable energy sources!** They are slowly getting over and using them is also causing many environmental issues.

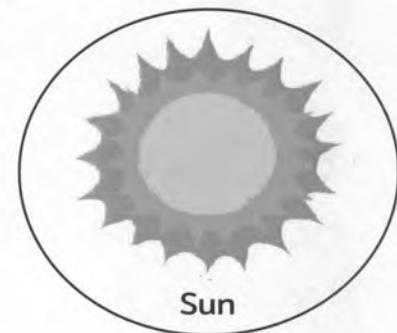
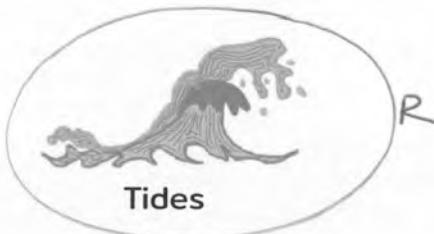
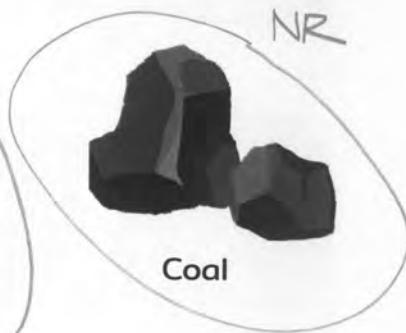
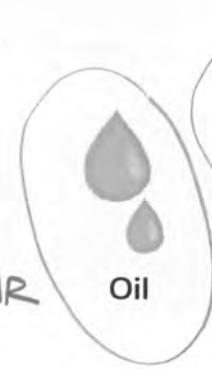
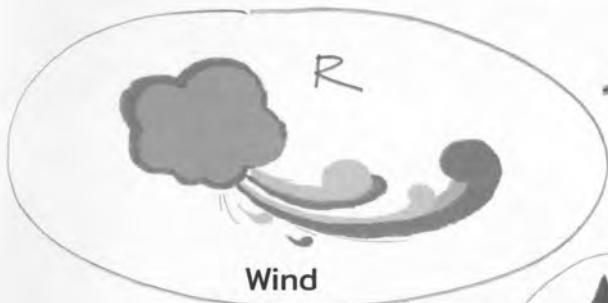
Efforts are on to slowly switch to renewable energy sources completely but it will take time. **We must do our best to conserve electricity!**





Jigyasu's Quizzes!

Provided below are pictures of different things. Circle them if you believe they are energy sources that can be used on a large scale. Write R next to them if you believe they are renewable and NR if you believe they are non-renewable.



In the past week, can you think of at least 5 different examples in which you observed the wastage of electricity? What could have been done differently in each case?

For answer keys, facts and more quizzes related to 'Sources of Energy' & weekly current affairs quizzes, please visit the following link:
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You can also access them through the following QR Code-



CH 20 COMPUTERS - ESSENTIAL SOFTWARES



We use different softwares on our computers, laptops and smartphones. They are used for making documents, browsing the internet and many other purposes.

Match the columns by matching different softwares with their logos. Also, try using at least 3 of these softwares for different purposes!



Safari

(You use this internet browser if you use Apple products)

Google Chrome

(This is the most used internet browser)

Microsoft Excel

(Software for making information tables and tough calculations)

Microsoft Word

(We use this software to make word documents with information)

Microsoft Powerpoint

(We use this software to make presentations)

Adobe Acrobat Reader

(We use this software to read PDF files)

Gmail

(This is the most used e-mail software in the world)

Microsoft Teams

(This is a popular video conferencing software)

For answer keys, facts and more quizzes related to 'Computers - Essential Softwares' & weekly current affairs quizzes, please visit the following link:
globaljigya.com/books/grade5

You can also access them through the following QR Code-



Today, almost all adults and most children have smartphones. Most of us use a smartphone for 2-3 years at max.

What happens to the used smartphones after that? We typically either exchange them for new ones or discard them. Same is the case for televisions, computers, laptops and other electronics.



These discarded smartphones, computers, televisions and other electronic items form a part of what we call electronic waste or e-waste.

Electronic waste is very different from regular waste. If not disposed of correctly, it can lead to major health risks and environmental pollution. More than 4/5ths of e-waste (80%) is disposed of incorrectly into large garbage heaps (landfills).



E-waste components like CPUs contain harmful chemicals and substances like lead. They enter into the soil, water and also affect the air, causing major harm to all living things.

E-waste has severely impacted the environment and people in many places like China, Africa, India and other countries.

So how do we reduce e-waste and its harmful impacts?

1. Recycle electronic components
2. Reuse and repair electronic items rather than continuously buying new ones
3. Dispose e-waste separately from regular waste



Art Integrated Activity



Make a poster with a message that encourages people to reuse and recycle electronic items. This will prevent e-waste and its harmful effects. Show it to at least 10 people and spread the message.

For answer keys, facts and more quizzes related to 'Electronic Waste' & weekly current affairs quizzes, please visit the following link:
globaljigyasu.com/books/grade5

You can also access them through the following QR Code-



CH 22

PROVERBS

While speaking in English, a lot of people use common sayings which give advice or express truths based on common sense and experience. These are called proverbs.

E.g. **Better safe than sorry.** It means that it's better to take precautions rather than suffer later because of not doing so.


**Jigyasu's
Quizzes!**

Provided below are 6 numbered proverbs.

Can you match the correct proverbs (using their numbers) with the different situations in which it would be right to use them? One example is given.

1. All that glitters is not gold
2. Don't count your chickens before they hatch
3. The journey of a thousand miles begins with a single step
4. Time and tide wait for none
5. You can't have your cake and eat it too
6. Necessity is the mother of invention

1. While this car looks very elegant and expensive, it is known to have engine issues - Proverb 1
2. His pen had no ink left to write. So he began dipping the pen in paint to continue writing - PROVERB 6
3. The girl missed her 7 am train to Jaipur because she was busy watching television - PROVERB 4
4. Don't feel scared because your test portion is very vast and long. Just start preparing slowly and steadily - PROVERB 3
5. We have not won the match yet. There are still 2 overs left and anything can happen! - PROVERB 2
6. You can either go to your friend's birthday today or go to the AR Rahman music concert. Both can't happen - PROVERB 5


**Jigyasu's
Challenges!**

Learn at least 5 more proverbs and try to use them in different situations!

For answer keys, facts and more quizzes related to 'Proverbs' & weekly current affairs quizzes, please visit the following link:
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You can also access them through the following QR Code-





Correct all the incorrect statements below, by striking off words and replacing them with correct ones. Use the words in the box for the correct words. One example is given.

Matilda's	4th	Pauper	2nd	Panchtantra
Gulliver's	Oliver	Princess	Roald Dahl	Rabbit
Cat	Eighty	RK Narayan	Forty	Alice's



1. Harry Potter and the Chamber of Secrets is the book in the Harry Potter series written by JK Rowling.
Correct Word - 2nd



2. The BFG and Matilda are books written by Enid Blyton.
Correct Word - ROALD DAHL



3. Butch's Adventures in Wonderland is a book written by Lewis Carroll.
Correct Word - Alice's



4. The Tale of Peter Fox is a classic novel written by Beatrix Potter.
Correct Word - RABBIT



5. Malgudi Days written by APJ Abdul Kalam is an Indian novel about the life of a village boy named Swamy.
Correct Word - RK NARAYAN



6. Oliver's Travels is a book written by Jonathan Swift about the adventures of a voyager on the island of Lilliput.
Correct Word - GULLIVER'S



7. The Prince and the Peepal is a classic novel written by Mark Twain. It is the story of two young boys.
Correct Words - PAUPER



8. Around the World in Hundred Days is a tale of travel written by Jules Verne.
Correct Words - EIGHTY

For answer keys, facts and more quizzes related to 'Books and Authors' & weekly current affairs quizzes, please visit the following link:
globaljigyasu.com/books/grade5

You can also access them through the following QR Code-



CH 24

FAMOUS QUOTES

Great people from across the world have inspired us in many ways - through their actions, their speeches and of course - their famous quotes!



Provided below are 6 of the most famous quotes in world history and images of the great people who said them. Can you match the quotes (via their number) with the people?

Use the hints provided next to the quotes. One example is given.

1. An eye for an eye makes the whole world blind - (Hint: Sabarmati Ashram)
2. The greatest glory in living lies not in never falling, but in rising every time we fall - (Hint: Bharat Ratna Awardee)
3. The question isn't who is going to let me; it's who is going to stop me - (Hint: Author of Books like Fountainhead)
4. We make a living by what we get, we make a life by what we give - (Hint: Former British Prime Minister)
5. Only a life lived for others is a life worthwhile - (Hint: Famous Scientist)
6. I didn't fail the test. I just found 100 ways to do it wrong - (Hint: Discovered electricity while flying a kite in 1752)



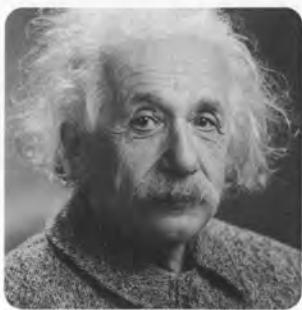
Mahatma Gandhi - 1



Benjamin Franklin - 6



Winston Churchill - 4



Albert Einstein - 5



Ayn Rand - 3



Nelson Mandela - 2



Language Integrated Activity

Take inspiration from these great people, and come up with a quote of your own! Share it with a few people around you and explain what it means.

CH 25

ANIMATED MOVIES



Jigyasu's
Quizzes!

Identify the names of these famous
animated movies from these related images
and letter hints. One example is given



FINDING
NEMO



SHREK



WALL E



TOY
STORY



LION
KING



ALADDIN



TANGLED



FROZEN



KUNG FU
PANDA



Dumbo, an animated film about a flying elephant by Disney, is their shortest feature film. It is only 64 minutes long

For answer keys, facts and more quizzes related to 'Animated Movies' & weekly current affairs quizzes, please visit the following link:
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You can also access them through the following QR Code-



We all spend money for different goods and services. But where does this money come from? The answer is - **from our income!**

Income is the money we receive for work we do (in the form of salary) or as interest for money deposited in a bank/other financial institution. It's a word literally derived from 'in' and 'come'!

Example: A carpenter earns income for his furniture.

Some people receive income for the goods they sell, and others receive it for the services they provide.



What do your parents receive income for? Write a couple of lines about the work they do.

For people who do business, **income is not as important as the profit they make**. Let's take the example of a vegetable seller.

Let's say he buys 1 kg of tomatoes for Rs. 8/- He sells it for Rs. 15/-.

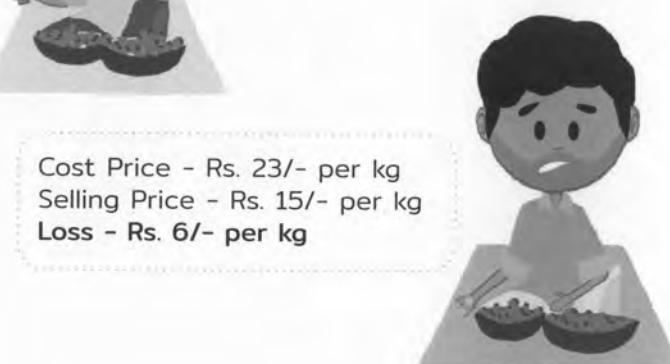
Thus, he has made an income of Rs. 15/-. But the actual money he is left with is Rs. $(15-8)$ = Rs. 7/- per kg of tomatoes. This amount is called his **profit**!

Hence, **profit** is the difference between the amount we spend (cost price) and the amount we earn (selling price) for different goods and services.

Businesses that spend more than they earn are said to be in **loss**.



Cost Price - Rs. 8/- per kg
Selling Price - Rs. 15/- per kg
Profit! - Rs. 7/- per kg



Cost Price - Rs. 23/- per kg
Selling Price - Rs. 15/- per kg
Loss - Rs. 6/- per kg



Jiggyasu's Challenges!

One of the best ways to learn to do business and make profits, is to speak with others who do business! There are many factors on which making a profit is dependent - especially cost price and selling price.

Can you speak with at least 2 different people who do business and make them answer the following questions? Fill their answers in the boxes provided.

Name of person 1: _____

What business does he/she do? _____

What is the general selling price for his/her goods or services (amount earned while doing business)?

Has the business ever made a loss? If yes, then why and what did he/she learn from this?

Name of person 2: _____

What business does he/she do? _____

What is the general selling price for his/her goods or services (amount earned while doing business)?

Has the business ever made a loss? If yes, then why and what did he/she learn from this?

For answer keys, facts and more quizzes related to 'Money - Income & Profit' & weekly current affairs quizzes, please visit the following link:
globaljigyastra.com/books/grade5

You can also access them through the following QR Code-



CH 27 THE OLYMPICS-A GLOBAL SPECTACLE



Jigyasu's
Quizzes!

Keep answering these questions related to the
Olympics and learn along!

The Olympics is the biggest sporting event in the world. In fact, it is a global spectacle that brings all of the countries of the world together!



Today's Olympics are actually inspired by the ancient Olympics which took place in Europe in Ancient **GREECE** (Hint: Athens is its capital). After taking place for almost 1000 years, they disappeared around 400 AD.

The first modern Olympics took place 51 years before India's independence in **ATHENS** and were founded by Baron Pierre De Coubertin

Since then, the Olympics have taken place every **4** years (Hint: Same gap between leap years) except in 1916, 1940 and 1944 owing to World War 1 and World War 2.

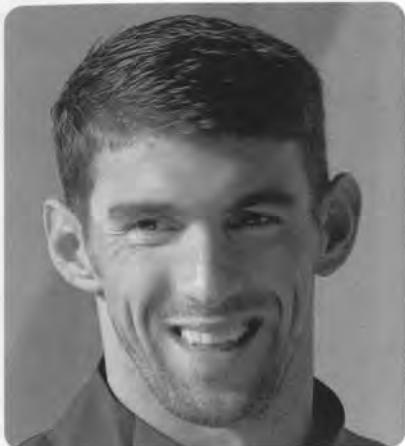
The Tokyo 2020 Olympics were postponed by 1 year to 2021 owing to the **COVID-19** pandemic. It witnessed participation from **205** countries (Hint: Double century + 5)



The motto of the Olympic Games is 'Citius, Altius, **FORTIUS**' which means faster, higher and stronger

The flag of every country in the world has at least 1 of the **6** colours in the Olympic flag. The 5 rings in it represent the 5 inhabited **CONTINENTS** of the world. Asia-Oceania or Australasia is considered as a single one.

There are 2 different Olympic Games actually - the **SUMMER** and the **WINTER** Olympics (Hint: Think of seasons)



The most successful country at the Olympics has been the USA (Hint: New York City). It has won a whopping 2959 medals across all Olympic Games as of 2022!

With 23 golds, 3 silvers and 2 bronze medals, Michael Phelps is the most successful Olympian of all time. His is a retired SWIMMER (Hint: Water)

Larisa Latynina is the greatest lady Olympian of all time. She belonged to the erstwhile Soviet Union, which is now the country of RUSSIA (Hint: Moscow is the capital). With 9 golds, 5 silvers and 4 bronze medals, she dominated in the sport of GYMNASTICS (Hint: Pole Vault and Bars)

The 2024 Olympics is going to be held in the city in which the Eiffel Tower is located in - PARIS!



This is Usain Bolt. Belonging to Jamaica, he has won 8 Olympic gold medals, and holds the world record in the 100 M_race. (Hint: 1/10th of a km)



This is Simone Biles, one of the world's most famous gymnasts. She has won 7 Olympic medals. She belongs to a country in North America called USA.



Can you find out the names of at least 10 different sports played at the Summer Olympics?

For answer keys, facts and more quizzes related to 'The Olympics – A Global Spectacle' & weekly current affairs quizzes, please visit the following link:
globaljigya.com/books/grade5

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Neeraj Chopra

Neeraj Chopra! That's probably the first name that comes to your mind when we think of the Olympics. This talented Indian javelin thrower  did us proud by winning India's first ever individual track and field gold medal at the Tokyo 2020 Olympics.

India recorded its best performance ever at the Tokyo 2020 Olympics. Its sportspersons and athletes secured **1 gold**  **2 silver**,  **and 4 bronze medals**  While

we must be proud of this, we are still nowhere close to the sporting superpowers of the world. Some of these include the USA  and China  . They won 113 medals and 88 medals respectively at Tokyo 2020.

What do you think are the reasons for this? There are many! One major reason is the lack of importance we as Indians give to sports in our own lives. Playing a sport needs to become a way of life for us. By the time we reach higher grades in school, many of us stop playing sports.

Sports is not simply about winning competitions. It has multiple other benefits including fitness  and development of skills like teamwork and problem solving. Unless we give sports its deserved level of importance, it will be difficult for our nation to beat the sporting superpowers in Olympic medal tallies.

In some sports like **wrestling** , **shooting**  and **boxing** , India has slowly developed a winning culture at the Olympics over the past few editions. A lot is still left to be done though.

With more government investment and sports initiatives, better infrastructure and more awareness, sports in India is growing. But the real change starts with you! So which sportsperson do you want to emulate then?!

PV Sindhu , MC Mary Kom , Abhinav Bindra , Karnam Malleswari  ? There are many great Olympians to choose from!



Abhinav Bindra and Mary Kom



Jigyasu's
Quizzes!

Math Integrated Activity

Using these hints, can you find out the number of medals that India has won in different disciplines at the Olympics?

SPORT	NAME OF SPORT	NO. OF MEDALS	HINTS
	<u>HOCKEY</u>	<u>12</u>	1.5 times the number of Union Territories in India
	<u>SHOOTING</u>	<u>4</u>	Number of colours in the Indian flag
	<u>ATHLETICS</u>	<u>3</u>	Half the number of colours in the Olympic flag
	<u>WRESTLING</u>	<u>7</u>	Number of colours in the rainbow
	<u>BADMINTON</u>	<u>3</u>	9 less than a dozen
	<u>WEIGHT LIFTING</u>	<u>2</u>	Divide 52 by 26
	<u>BOXING</u>	<u>3</u>	Divide 99 by 33
	<u>TENNIS</u>	<u>1</u>	Neither a prime number nor a composite number



Jigyasu's
Quizzes!

Answer these questions related to India's Olympians

1. Karnam Malleswari became the first Indian lady to win a bronze medal (in weightlifting) at the Sydney 2000 Olympics. Which country was this in?

- a. Australia
- b. New Zealand
- c. Greece
- d. Great Britain



2. Name the sportsperson who won India's first Olympic medal in badminton (at London 2012). Since then, we have gone on to win 2 more badminton medals at the Olympics.

- a. PV Sindhu
- b. Saina Nehwal
- c. Lakshya Sen
- d. Kidambi Srikanth



3. Abhinav Bindra won India's first individual Olympic gold medal at the Beijing 2008 Olympics. In which sport did he win it?

- a. Wrestling
- b. Boxing
- c. Shooting
- d. Tennis



4. Who among these are the only two players to win more than one individual Olympic medal? (more than one answer may be correct)

- a. Sushil Kumar
(Wrestling)
- b. PV Sindhu
(Badminton)
- c. Vijender Singh
(Boxing)
- d. Mirabai Chanu
(Wrestling)



5. Rajyavardhan Singh Rathore was the first individual Indian Olympian to win a silver medal. He won it at the Athens 2004 Olympics. In which shooting discipline did he win this medal?

- a. Freestyle
- b. Double Trap Shooting
- c. Triads
- d. Sudden Death



6. If you were Virat Kohli and you wanted to participate in the Olympics, then you'd have to switch sports as cricket isn't played at it. Which of these sports can you switch to?

- a. Kabaddi
- b. American Football
- c. Lawn Tennis
- d. Kho-Kho



According to you, what are 5 steps that need to be taken to make India a global sporting superpower?

For answer keys, facts and more quizzes related to 'India at the Olympics' & weekly current affairs quizzes, please visit the following link:
globaljigyasu.com/books/grade5

You can also access them through the following QR Code-



Mathematics is a magical subject with mysterious numbers! Some numbers are a little more interesting than others. We are going to learn about 4 such numbers!

1. This number is 1 followed by a 100 zeros. Try writing it to see just how big this number is! The number has a name similar to a popular search engine we use everyday. What do you think is the name of this number?

- a. Micron
- b. Euler
- c. Goldon
- d. Googol

Fun Fact: Interestingly, this was the name that the search engine's founder Larry Page planned to give this search engine. The name this search engine is known by today, came up because of a spelling error by him!

2. The second number we are going to learn about is one of the most magical ones in mathematics. In fact, we are going to find this number out. Follow these steps:

Step 1: Take any four digit number with at least 2 digits being different. E.g. 8532, 7561. We shall take the number 1764 as an example.

Step 2: Arrange its digits in ascending order - 1467 in our case

Step 3: Now arrange its digits in descending order - 7641 in our case

Step 4: Subtract the smaller of these 2 numbers from the bigger one - (7641 - 1467 in our case)

Step 5: The number we get is 6174!

Note: If you don't get this number on your first then repeat the first 4 steps with the answer you get. If you keep repeating these 4 steps, you will always end up with the number 6174 within a few tries! Amazing isn't it?!

It does not matter which 4 digit number you decide to take. The answer you will get at the end of these 4 steps is always 6174!

This magical number 6174 is called Kaprekar's constant after DR Kaprekar, an Indian maths teacher who discovered it!

Maths is beautiful, isn't it? Try searching for more interesting numbers like these 2!



For answer keys, facts and more quizzes related to 'Magical Numbers' & weekly current affairs quizzes, please visit the following link:

<https://www.globaljigyasa.com/books/grade5.html>

You can also access them through the following QR Code-



MIXED BAG

Mixed Bag Set 1 - Bullseye

Each question in this set has 4 options of which 1 is correct. Mark the correct one. One example is given.

1. Which of these are not a part of our nervous system?
a. Brain
✓ b. Veins
c. Nerves
d. Spinal Cord

2. Name the first Indian person post independence to win an individual Olympic gold medal for India.
✓ a. KD Jadhav
c. Abhinav Bindra
b. Neeraj Chopra
d. Leander Paes

3. In this animated movie, a type of bear only found in China fights with his inner demons to achieve 'inner peace'. He also specialises at martial arts. Can you name the movie?
a. Jungle Book
c. Madagascar
b. Frozen
✓ d. Kung Fu Panda

4. Which of these is not the name of a commonly used internet browser?
✓ a. Microsoft Excel
c. Safari
b. Microsoft Edge
d. Google Chrome

5. Among these countries, which one has the least population?
a. Egypt
c. USA
✓ b. Vatican City
d. India

6. India is also known commonly by another name. Which one of these is this name?
a. Lanka Mulk
c. Uncle Sam
b. Torries
✓ d. Bharat

7. Used fridges and monitors are an example of _____. Fill in the blank.
✓ a. Electronic Waste
c. Vermicompost Waste
b. Natural Waste
d. Useless Waste

8. This tribe is famous for its artwork. In its distinct style, a person is always depicted using 2 triangles for the body and a circle for the head apart from a few lines. The tribe occupies large parts of Western and Central India. Name it.
a. Gond
c. Santhals
✓ b. Warli
d. Bhils

9. In 2001, the Bharat Ratna was awarded to one of India's greatest singers of all time. She has sung many inspiring songs like *Ae Mere Watan Ke Logon*. Name her?
a. Asha Bhonsle
c. MS Subbulakshmi
✓ b. Lata Mangeshkar
d. Kavita

10. What is the national emergency number of India?
a. 100
c. 544
b. 911
✓ d. 112

Mixed Bag Set 2 - One Too Many!

Each question in this set has 4 options. More than one option can be correct in each question. Mark all the correct options. One example is given.

1. Which of these is not a name of a wildlife sanctuary located in India?
 - a. Bharatpur
 - b. Gir
 - c. Lone Pine Koala
 - d. Sloth Sanctuary

2. Which of these are names of dance forms which are popular across the world?
 - a. Mandala
 - b. Ballet
 - c. Calligraphy
 - d. Salsa

3. Which of these social reformers played an active role in India's freedom struggle?
 - a. Dayanand Saraswathi
 - b. Anna Hazare
 - c. Savitribai Phule
 - d. Raja Ram Mohun Roy

4. Which of these is not the name of a lake found in India?
 - a. Victoria
 - b. Lonar
 - c. Vembanad
 - d. Superior

5. Which of these books have been written by Dr. APJ Abdul Kalam?
 - a. Malgudi Days
 - b. Ignited Minds
 - c. Wings of Fire
 - d. Palace of Illusions

6. Gold, copper and silver are examples of _____ metals. Fill in the blank.
 - a. Ductile
 - b. Lustrous
 - c. Insulator
 - d. Malleable

7. The first modern Olympic Games took place in 1896 in the capital of a European country which was the birthplace of the ancient Olympics. Name this city.
 - a. Athens
 - b. Ottawa
 - c. Buenos Aires
 - d. Baku

8. Which of these ~~is~~ ^{are} an example of a renewable source of energy?
 - a. Oil
 - b. Coal
 - c. Wind
 - d. Sun

9. Which of these are state animals of different Indian states?
 - a. Indian Giant Squirrel
 - b. Asiatic Lion
 - c. Barasingha
 - d. Orangutan

10. Which of these are names of famous diamonds mined from the Golconda mines?
 - a. Koh-i-Noor Diamond
 - b. Hope Diamond
 - c. Tiffany Diamond
 - d. Cullinan IV Diamond

Mixed Bag Set 3 - Is It True?!

This mixed bag set consists of statements - some of which are true while others are false.
Identify each statement as true or false!

If false, then write the correct statement in the blank provided. One example is given.

1. All businesses are profitable if they earn less money than they spend.

~~True/False~~

Correct Statement: All businesses are profitable if they earn more money than they spend

2. PV Sindhu won a gold medal in badminton at the 2020 Tokyo Olympic Games.

~~True/False~~

Correct Statement: PV SINDHU WON A BRONZE MEDAL IN BADMINTON
AT THE 2020 TOKYO OLYMPIC GAMES

3. Malaria is a disease that is caused by a bee bite.

~~True/False~~

Correct Statement: MALARIA IS A DISEASE CAUSED BY A MOSQUITO BITE

4. When the sun passes between the Earth and the moon, we call it a lunar eclipse

~~True/False~~

Correct Statement: WHEN THE EARTH PASSES BETWEEN THE SUN
& THE MOON, WE CALL IT A LUNAR ECLIPSE

5. Annie Besant is a famous Indian social reformer and educator who was born after India's independence

~~True/False~~

Correct Statement: ANNIE BESANT IS A FAMOUS BRITISH SOCIAL REFORMER
AND EDUCATOR BORN BEFORE INDIA'S INDEPENDENCE

6. Levis is the name of a famous telecommunications company

~~True/False~~

Correct Statement: LEVIS IS THE NAME OF A FAMOUS CLOTHING COMPANY

7. The Bharat Ratna has been awarded to Dr. APJ Abdul Kalam as well

~~True/False~~

Correct Statement: _____

8. When 1 is added to any number, we get the number itself

~~True/False~~

Correct Statement: WHEN 0 IS ADDED TO ANY NUMBER, WE GET
THE NUMBER ITSELF

9. Haka is a famous dance form that originally started in Belgium

~~True/False~~

Correct Statement: HAKA IS A FAMOUS DANCE FORM THAT ORIGINALLY
STARTED IN NEW ZEALAND

10. 'An eye for an eye makes the whole world deaf' is famous quote by Mahatma Gandhi

~~True/False~~

Correct Statement: 'AN EYE FOR AN EYE MAKES THE WHOLE WORLD
DEAF' IS A FAMOUS QUOTE BY MAHATMA GANDHI

11. 'Don't count your chickens before they jump' is a commonly used proverb

~~True/False~~

Correct Statement: 'DON'T COUNT YOUR CHICKENS BEFORE THEY HATCH
IS A COMMONLY USED PROVERB

12. Poverty and unemployment are some of the social issues affecting India

~~True/False~~

Correct Statement: _____

Mixed Bag Set 4 - Picture Perfect!

In this mixed bag set, each question is related to a picture provided with it. Read the instructions and answer the questions.



1. This is a picture of Bholu, the official mascot of the Indian railways. Which of these is incorrect about the animal that Bholu is?
- They are reptiles
 - They are India's national heritage animal
 - They have tusks
 - They are mammals



2. This is a picture of a mountain range located in parts of Northern and Western India. Guru Shikhar is the highest peak in these ranges. Name them
- Aravalis
 - Andes
 - Himalayas
 - Nilgiris



3. The lady in this picture is performing a beautiful dance form that began being performed in the late 18th century in Spain. Name this dance form?
- Waltz
 - Flamenco
 - Samba
 - Hip Hop



4. This is a picture of India's second Prime Minister. He was a great freedom fighter who came up with the slogan 'Jai Jawan, Jai Kisan'. Can you name him?
- Sardar Vallabhbhai Patel
 - Lal Bahadur Shastri
 - Jawaharlal Nehru
 - Rajendra Prasad

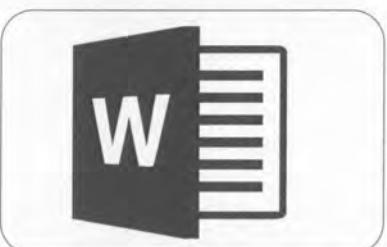


5. What is the capital city of the country which is also called the 'The Teardrop of India'?
- Islamabad
 - Jakarta
 - Dhaka
 - Colombo



6. These 2 characters belong to a popular children's book series written by one of the greatest children's authors of all time. Can you name another famous book series written by her?

- a. Hardy Boys
- b. Malgudi Days
- c. Flying Fox
- d. Secret Seven



7. This is the logo of a very essential computer software that we use especially for making text documents. Name this software

- a. Microsoft Word
- b. Google Chrome
- c. Apple Edge
- d. Microsoft Excel



8. This is a picture of wrestling, one of the many sports that take place at the Olympic games. Wrestling has been there since the times of the ancient Olympics. Can you name the sport in which India has won the most Olympic medals?

- a. Hockey
- b. Basketball
- c. Cricket
- d. Volleyball



9. This is a picture of a cold desert located in the Himalayan ranges of India. It is largely located in an Indian Union Territory that was recently formed. Can you name it?

- a. Chandigarh
- b. Puducherry
- c. Lakshadweep
- d. Ladakh



10. What would you commonly associate the logo of this company with?

- a. Furniture
- b. Automobiles
- c. Chocolates
- d. Smartphones



11. Which of these is the name of a famous train operated by the Indian Railways?

- a. Rajdhani Express
- b. Bagan Minthar Express
- c. Rawalpindi Express
- d. Dhobi Talao Express

Mixed Bag Set 5 - Isn't it Odd?!

In each question there are 3 sets of words/images. Mark the odd one out in each set.

The 1st and 6th questions have been shown as examples. Refer to the word mentioned in brackets for help.

1. Pandit Ravi Shankar

2. Khasi

3. Liver

4. 96

5. Tidal Flow

6.



PV Sindhu

Bhupen Hazarika

Munda

Spinal Cord

142

Electroplating



MC Mary Kom

Sourav Ganguly

Maori

Brain

112

Lightning



Mithali Raj

(Bharat Ratnas)

(Indian Tribes)

(Nervous System)

(Multiples of 8)

(Natural Phenomenon)

(Olympic Medalists)

7.



Great Hornbill



Bald Eagle



Asian Koel

(Indian State Birds)

8.



Ashfaqulla Khan



Ram Prasad Bismil



George Curzon

(Indian Freedom Fighters)

9.



Afforestation



Pollution



Malnourishment

(Social Issues)

10.



Plastic Bags



Smartphones



Refrigerators

(Might Contribute to Electronic Waste)

MY CURRENT AFFAIRS DAIRY

While increasing general knowledge  is necessary, keeping updated about current affairs  is most important!

The happenings across our city, India  and the world  in all spheres/sectors have an impact on us - the environments  , society  , sports  , entertainment  , science and technology  , finance and other areas. 

To be a **globally aware individual**, we must be able to answer the following question with a resounding YES at any point in time:

Can you think of 3 things that have taken place across your city, India and the world this month, and their impact on your life?

If you are able to answer this question with a yes each week, then you will know more than most people in the world! **Focus on pieces of news apart from politics at your age.**

Different Sources for Current Affairs News

There are unlimited sources for learning about the happenings of the world today. Just make sure that the information you read is correct. Don't believe in fake news!

Use any of these current affairs sources for just 15 minutes everyday and see the impact!



Newspapers
(E.g. Times of India, Indian Express etc.)



The Internet
(Use Google Search, Wikipedia etc.)



Mobile Apps
(E.g. Inshorts, GoogleNews etc.)



Speaking and Listening to People
(Discuss current affairs with others)

Interpreting Current Affairs News

Every time you read a piece of news, try and think about how it impacts your life and society. This is very important. If you are unable to think of this by yourself, seek help from adults like your teachers and parents. This makes current affairs and GK more valuable.

My Current Affairs Diary

This is one of the most important parts of this book. Update this current affairs diary without fail each month. Try and find out about some local, national and maybe some international news of different genres – sports, society, environment, science etc. Absolutely anything is okay for a start! Try to find 2 pieces of local news and 1-2 pieces of national news. If you are able to find some international news as well, then that's great!

This book gives you a start. **Follow this habit for 6 months and you will see it becoming a part of your life.** Continue this habit beyond this book by making a similar current affairs diary.

Month	What are the 5 things that you learnt about the happenings of the world this week?	How did these pieces of news impact your life/society/country?
September 2022	<ol style="list-style-type: none"> 1. Heavy rains affect parts of Mumbai and Thane (local news for Mumbai) 2. Cheetahs from Namibia are brought into India in an attempt to revive this animal species in India (national news) 3. For the first time since Covid19, the festival of Ganesh Chaturthi was celebrated in a big way across India, especially in Maharashtra. 	<ol style="list-style-type: none"> 1. Will impact children going to school, slum dwellers and other property which will get damaged 2. Good chance of improving India's wildlife and diversity if this project is successful 3. This is a very positive thing for people as festivals increase the spirit of joy and togetherness.
Month:		
Month:		

Month:		
Month:		