

PANCHSHEEL PUBLIC SCHOOL



CURIOUS MINDS - V
TERM - 2



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TERM 2

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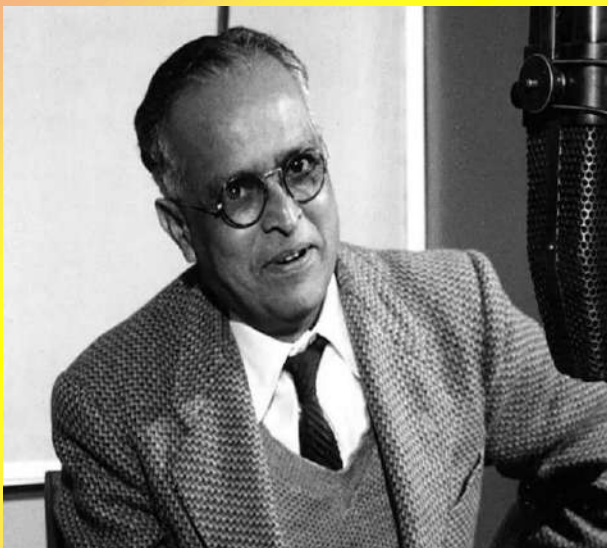


INDIAN AUTHORS THEIR FAMOUS BOOKS



Indian literature is magic in itself. It is a vast and diversified collection of writings covering various genres, themes, and styles like fiction, non-fiction, poems, dramas, and whatnot. There is also a strong heritage of modern Indian literature in several languages, including Tamil, Malayalam, Hindi, Urdu, Bengali, and English. Numerous Indian authors have received praise for their works on a global scale, and their literature is still read and researched today. In addition to winning Sahitya Academy Awards, many Indian authors have also won the Booker Prize.

R.K. NARAYAN



Rasipuram Krishnaswami Iyer Narayanaswami, who wrote under the name R.K. Narayan, was an Indian author from Chennai, Tamil Nadu. He was a notable early English-language author of Indian literature. R.K. Narayan's writing style is observational social commentary with a hint of realism. Malgudi, a fictional town, was the backdrop for most of his books. His narratives and language center on the day-to-day lives of ordinary people.

He has many novels and short stories to his credit.

A few of his famous books include: THE GUIDE, MALGUDI DAYS, SWAMI AND FRIENDS, UNDER THE BANYAN TREE ANOTHER STORIES, ENGLISH TEACHER

RUSKIN BOND

Ruskin Bond was born in Kasauli, Himachal Pradesh. He is famous for his simplistic writing style, which is more connected to nature and its visual beauty. Many of his books feature Rusty, a teenager who is a literary alter ego of himself. His tales focused on finding optimism and hope in daily life. While affectionately referred to as the “Children’s author,” he explored various genres, including fiction, romance, non-fiction, autobiography, essays, etc.



MULK RAJ ANAND



English author Mulk Raj Anand was born in Peshawar (Currently it is in Pakistan). His works were known for capturing the lives of outcasts and low-caste individuals, as he despised the orthodox constraints imposed on them. As a progressive writer, he frequently his expectation of a painted a fair and upright picture of society. His works were less concerned with imagery and beautiful depictions and more with the harsh facts of life.

If you are looking forward to reading books that make you think and reflect on society, here are some of his most recognized works:

TEST YOUR KNOWLEDGE

Q1. Fill in the blanks:

- A) The house with the Golden window is written by _____.
- B) Laura Elizabeth Richards wrote a book named _____.
- C) The novel _____ was written by Anna Sewell
- D) Sudha Murty wrote the story _____.
- E) Ruskin Bond is an Indian author of _____ descent.

Q2. State whether True or False:

- A) Sudha Murty is an Indian writer and social worker.
- B) Ruskin Bond received Padma Bhushan in 1999
- C) Toety Maklis is an Indonesian author.
- D) Laura Richards wrote only one book in her life time
- E) The author of Divide and Eat is Sudha Murty.

Q3. Write five lines about the following authors:

- 1. Harry Behn,
- 2. T. S Eliot
- 3. Ellena Ashley



RIDDLES TIME

- 1. WHAT OCCURS TWICE IN A WEEK AND ONCE IN A YEAR?
- 2. THE FIRST LETTER OF THE ALPHABET IS THE LAST LETTER OF THE GIVEN WORD. THE LAST LETTER OF THE ALPHABET IS THE FIRST LETTER OF THE GIVEN WORD. WHAT IS THAT WORD?

Insects are found in almost all parts of the world. They are most diverse creatures on the earth. They are in the soil underneath your feet, in the air above your head and in the plants around you. Even in the frozen extremers of the polar regions insects are found active in the warmer months.



In a popular sense, "insect" usually refers to familiar pests or disease carriers, such as bedbugs, houseflies, clothes moths, Japanese beetles, aphids, mosquitoes, fleas, horseflies, and hornets, or to conspicuous groups, such as butterflies, moths, and beetles. Many insects, however, are beneficial from a human.

Insects play many important roles in nature. They aid bacteria, fungi, and other organisms in the decomposition of organic matter and in soil formation. The decay of carrion, for example, brought about mainly by bacteria, is accelerated by the maggots of flesh flies and blow flies.

Certain insects provide sources of commercially important products such as honey, silk, wax, dyes, or pigments, all of which can be of direct benefit to humans.



A ladybird might eat more than 5,000 insects in its lifetime!

- Fruit flies were the first living creatures to be sent into space³
- Houseflies find sugar with their feet, which are 10 million times more sensitive than human tongues.
- Ticks can grow from the size of a grain of rice to the size of a marble.
- Approximately 2,000 silkworm cocoons are needed to

produce one pound of silk.

- While gathering food, a bee may fly up to 60 miles in one day.
- Ants can lift and carry more than fifty times their own weight.
- Mexican Jumping Beans, sometimes sold commercially, actually have a caterpillar of a bean moth inside.
- When the droppings of millions of cattle started ruining the land in Australia, dung beetles were imported to reduce the problem.
- Wasps feeding on fermenting juice have been known to get "drunk" and pass out.
- The queen of a certain termite species can lay 40,000 eggs per day.

- Bees can see things five times faster than human.
- Fireflies have their own light pattern.
- Grasshoppers existed before dinosaurs.
- Most caterpillars have 12 eyes.
- An entomologist is someone who studies bugs.



TEST YOUR KNOWLEDGE

Identify the given pictures and name them

1.



5.



2.



6.



3.



7.



4.



8.



THE GREAT INDIAN MATHEMATICIAN AND THEIR CONTRIBUTION

ARYABHATTA

- He discovered the spherical shape of Earth.
- He notified that one year consist of 365 days.
- His contribution includes the field of Trigonometry, Geometry, Astronomy etc.



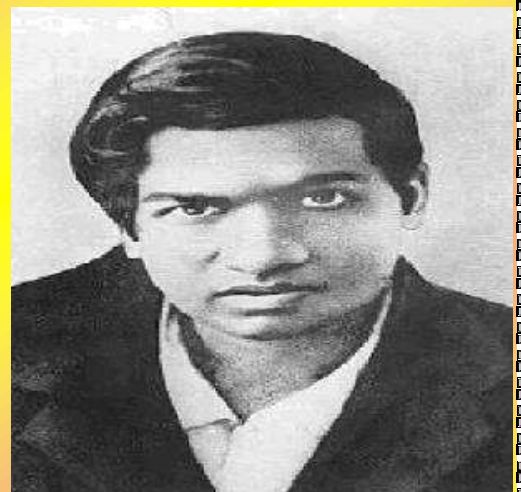
BRAHMAGUPTA

- He was the first mathematician to provide the formula for the area of a cyclic quadrilateral.
- He wrote "Siddhanta Siromani", a famous book on mathematical concepts.
- He introduced zero in mathematics and stated that zero means "nothing".



SHRINIVASA RAMANUJAN

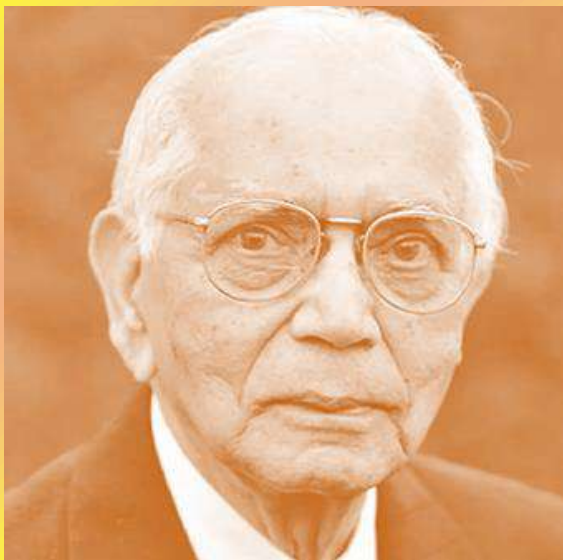
- He is famously known as "The man who knew Infinity".
- He completely transformed mathematics with his theories and concepts in the early 20th century.





P. C. MAHALANOBIS

- His most significant contribution in the field of statistics was the Mahalanobis Distance.
- He also contributed to the design of large – scale sample surveys in India.



C. R. RAO

- He is a well – known statistician, famous for his “Theory of estimation”.
- His other contributions include Rao theorem and Rao distance

SHAKUNTALA DEVI

- She holds the Guinness World Record for “Fastest Human Computation.”
- She **applied** her mathematical strength to a pursuit of Astrology.
- She correctly multiplied two 13 digit numbers in just 28 seconds at Imperial College of London.





SATYENDRA NATH BOSE

- He worked on quantum mechanics.
- He discovered one of the classes of particles, which came to be known as the Boson.



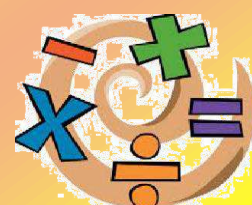
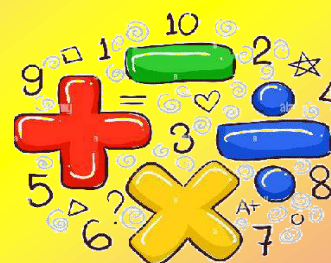
KATYAYANA

- He was the last mathematician of Vedic period and written Katyayana Sulba Sutra.
- He computation of square root of 2 correct to 5 decimal places.

TEST YOUR KNOWLEDGE

Fill in the blank

- Last mathematician of Vedic Period _____.
 - Holds Guinness World Record _____.
 - Well Known statistician _____.
 - Man, who knew Infinity _____.
 - Wrote Siddhanta Siromani _____.
- Write the name of 5 famous Indian mathematician with their contribution in mathematics.
 - Write the name of 5 International mathematician.

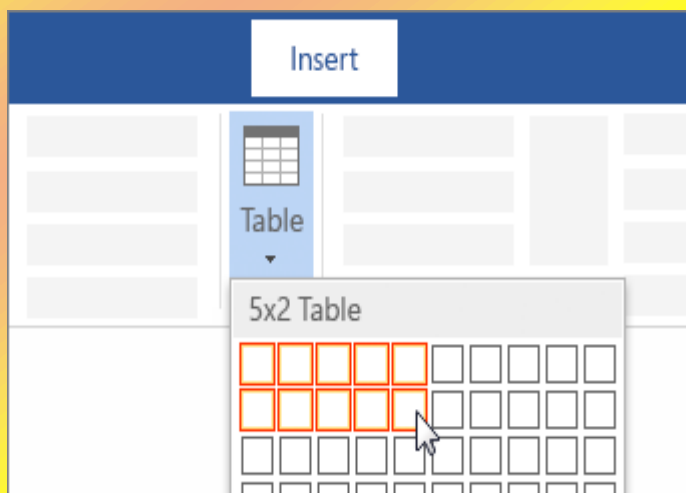


TABLES IN MS WORD

ADDING AND DELETING A TABLE

Ms Word has a feature that allows the user to present information in a tabular form. This is a useful and effective way of organising and representing data.

A table comprises rows and columns. The intersection of a rows and a columns is called a cell.



Inserting a Table

Inserting a table in a Word in a Word document is very simple. Word provides different ways to insert a table. You can add a table using Insert, Trace or Draw option.

To insert a table using the Trace method:

1. Place the cursor where you want to insert the table:
2. Click the **Insert** tab.
3. From the **Table** group, click on the **table icon**.
4. Move the mouse pointer on the grid to select the number of rows and column you want in your table.
5. Click on the last square that you have selected.

Selecting cells, row or column:

Cell

- Move the cursor to the lower left corner of the cell.
- Click on the cell when a small black arrow appears.

Row

- Move the cursor outside the table on the left side near the row to be selected.
- A white arrow appears.
- Click to select the entire row.
- To select multiple rows, click and drag.

Column

- Move the cursor to the top near the border of the column you want to select.
- A small black arrow appears
- Click to select the entire column.
- To select multiple columns, click and drag

Deleting a Table

It is possible to delete a table as well as the data entered in it.

To delete a table:

1. Place the cursor on any of the cells.
2. Click the layout tab.
3. From the **Rows & columns** group, click the delete option.

Entering Data in a table

Table in Ms word allow you to enter data in the cells in the form of words, number and pictures.

To enter alphanumeric data in a cell:

1. Place the cursor inside the cell in which you want to enter data.
2. Type the data.
3. Use keyboard arrow keys to move to adjacent cells.

Merge : Merge is a feature that allows you to 'merge' or 'join' two or more cells to combine them into one single cell.

To merge cells:

1. Select the cells to be merged
2. Click the **layout** tab
3. From the **merge** group, Click **Merge cells** option.

Spilt

The **Spilt** features allows you to spilt or break a cell into multiple smaller cells.

To spilt cells:

To spilt cells:

1. Select the cell or adjacent cells to be spilt
2. Click the layout tab.
3. From the **Merge** group, click the **spilt cells**
4. Enter the number of columns and rows required.
5. Click ok.

Amazing Facts

1. Using the insert option, you can add a table that has up to 63 columns.
2. Using the trace method, a table with up to 8 rows and 10 columns can be added.
3. Use the Tab key to move to the cell on the right and Shift + Tab to move to the cell on the left.
4. The row height and column width can be increased or decreased.
5. Use the Tab key to move to the cell on the right and Shift + Tab to move to the cell on the left.
6. Press Shift + Delete to delete the tables.

Test your knowledge

1. What is table?

Ans: _____

2. What is cell?

Ans: _____

3. How can you select a cell?

Ans: _____

4. Define spilt.

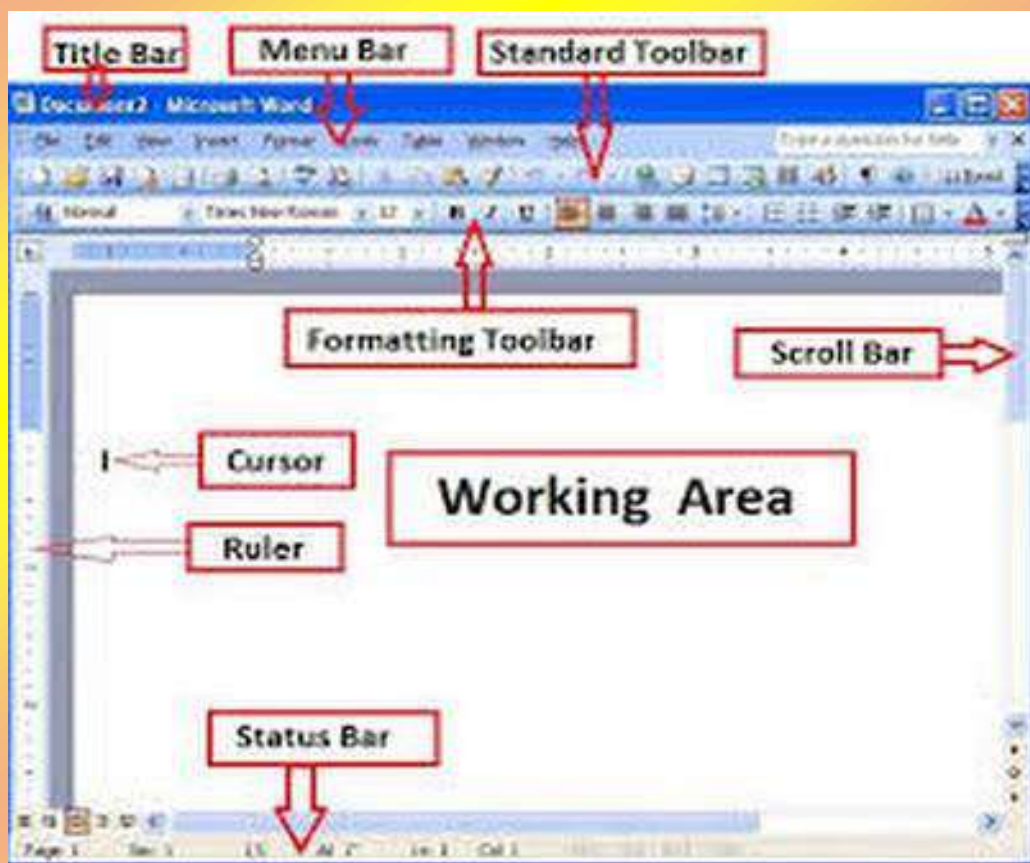
Ans: _____

5. What is merge in Ms word?

Ans: _____

1. Write the steps for merge cell

Ans: _____



FAMOUS ATHLETES OF INDIA 2



MITHALI RAJ

Mithali Dorai Raj is an Indian woman cricketer and the captain of India's women's ODI team. She has both the Arjuna Award (2003), Padma Shri (2015), and Major Dhyan Chand Khel Ratna Award (2021). She is the highest run-scorer in Women's International Cricket across all the formats. She is the 'Lady Sachin' because of her immense stature like Tendulkar in Women's cricket. In the 2018 ICC Women's World Twenty20, Raj got into a controversy with team management.

She accused the coach Ramesh Powar and BCCI COA member Diana Edulji of bias, humiliation, and not including her in the T20 world cup semifinals in a letter to BCCI.

P.V. SINDHU

Double Olympic medallists and ace shuttler PV Sindhu is one of the most famous Indian shuttlers in India. PV Sindhu added one more gold medal to her kitty by winning the women's singles title at the Commonwealth Games 2022 in Birmingham. She also won the women's singles title at the Singapore Open 2022 BWF Super 500 tournaments after beating Chinese shuttler Wang Zhi Yi in July 2022.



HIMA DAS



HIMA DAS aka “Dhing Express”, is an Indian sprint runner from Assam. Das is also the first Indian athlete to ever win a gold medal in a track and field event on the global stage in the IAAF World U20 Championships.

Hima Das was conferred with the Arjuna Award by Hon, President, Mr. Ram Nath Kovind on 25th September 2018. The Government of Assam has appointed her as the state’s brand ambassador of sports. Also, the 2nd largest sports brand in the world, Adidas has signed her for an endorsement deal. She is UNICEF India’s first-ever youth ambassador for sports.

DUTEE CHAND

Dutee Chand is a successful Indian professional sprinter and the current national champion in the women’s 100m category. She is the third Indian woman ever to qualify for the Women’s 100 meters event in the Summer Olympic Games. In 2018, Chand clinched India’s first medal since 1998 as she won silver in women’s 100m at the Asian Games in Jakarta, Indonesia.

In May 2019, Dutee bravely came out as India’s first openly gay athlete as she made the revelation that she is in a same-sex relationship with a partner from her village. Her revelation attracted a lot of attention as her parents and villagers opposed her calling her act unethical and unacceptable. While she gained appreciation from the LGBTQ+ community and celebrities all around the world for her brave decision.



TEST YOUR KNOWLEDGE

Write 'True' or 'False' for the below given statements and correct the wrong ones:

- 1.Hima Das is known as Dhing Express.
- 2.PV Sindhu is a renowned cricketer.
- 3.Mithali Raj is an Indian woman cricketer and the captain of India's ODI Team.
- 4.Dutee Chand is the first Indian woman ever to qualify for the women's 100 metres event in the Summer Olympic Games.

Fill in the blanks with appropriate words:

- 1.Dutee Chand is a successful Indian professional _____.
- 2._____ has appointed Hima Das as the state brand ambassador of sports.
- 3._____ is also the Lady Sachin because of her immense stature like Tendulkar.
- 4.PV Sindhu is a double Olympic medallist and ace _____.



UNITED NATIONS

The United Nations is an international organization founded in 1945 after the Second World War by 51 countries committed to maintaining international peace and security, developing friendly relations among nations and promoting social progress, better living standards and human rights.

The United Nations system is based on five principal organs (formerly six-the Trusteeship Council) the General Assembly, the Security Council, the Economic and Social Council, the Secretariat and the International Court of Justice.



UNITED NATIONS

THE GENERAL ASSEMBLY

In the General Assembly all members exchange ideas and decide what needs to be done .The General Assembly is the largest body of the UN.The members countries form the General Assembly. It is like an International Parliament.



THE SECURITY COUNCIL



The Security Council has primary responsibility for the maintenance of international peace and security. It has 15 Members, and each Member has one vote.

Five of them are permanent members and the other ten are elected by the General Assembly for a period of two years . The permanent members are the USA,RUSSIA, UNITED KINGDOM, FRANCE AND CHINA.Under the Charter of the United Nations, all Member States are obligated to comply with Council decisions.

The Security Council takes the lead in determining the existence of a threat to the peace or act of aggression. It calls upon the parties to a dispute to settle it by peaceful means and recommends methods of adjustment or terms of settlement. In some cases, the Security Council can resort to imposing sanctions or even authorize the use of force to maintain or restore international

ECONOMIC AND SOCIAL COUNCIL

The Council has 54 members, elected by the General Assembly for three-year terms. It meets throughout the year and holds a major session in July, during which a high-level meeting of Ministers discusses major economic, social and humanitarian issues.



INTERNATIONAL COURT OF JUSTICE



The International Court of Justice, sometimes known as the World Court, is one of the six principal organs of the United Nations. It settles disputes between states in accordance with international law and gives advisory opinions on international legal issues. The International Court of Justice meets at Hauge in the Netherlands.

UN SECRETARIAT

The United Nations Secretariat carries out the day-to-day work of the UN as mandated by the General Assembly and the Organization's other main organs.

The Secretary-General is the head of the Secretariat, which has tens of thousands of UN staff members working at duty stations all over the world. UN staff members are recruited internationally and locally, and work in duty stations and on peace keeping missions.



AMAZING FACTS

- The U.N. has six official Languages.
- It has its own News Site.
- It has 36 specialized agencies programs and partnerships.
- The UN headquarters are located at First Avenue 750 in New York City.
- At present, the United Nations has a total of 193 members.

TEST YOUR KNOWLEDGE

Identify the symbols and write full forms:



1. _____



2. _____



3. _____



4. _____

Fill in the blanks.

- (a) The prime objective of the UN is _____
- (b) The highest functionary of the UN is called _____
- (c) The UN Security Council has _____ permanent and _____ non permanent members.
- (d) _____ is the present UN Secretary-General.

Q 3-Match the following:

- | | | |
|----------------------|--------------------------|-----------------------------|
| 1-General Assembly. | <input type="checkbox"/> | A) eradication of diseases |
| 2- Security Council. | <input type="checkbox"/> | B) Paris |
| 3- UNICEF. | <input type="checkbox"/> | C) Anganwadi |
| 4-WHO. | <input type="checkbox"/> | D) World peace and security |
| 5-UNESCO. | <input type="checkbox"/> | E) Largest body of UN |



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