



Estd. 1994

SANT NISCHAL SINGH PUBLIC SCHOOL

LADWA (KURUKSHETRA)



HOLIDAY HOMEWORK (2025-26)



CLASS - VI



SANT NISCHAL SINGH PUBLIC SCHOOL

L A D W A

Date : 22-05-2025

Dear Parents

It's vacation time! Time to refresh yourself and visit new places. At the same time, we want our students to learn and explore more. So here we have fun filled holiday homework, It is a great time to learn and explore new things!!

HAPPY
Holidays

- We believe that reading is a great way to improve your language skills, increase your attention span, and expand your vocabulary. Therefore, we encourage you to read as many books as you can during the vacations.
- Spending time in nature and with your elders can also be beneficial for your overall wellbeing. We recommend waking up early in the morning, going for a walk, and enjoying the fresh air.
- Staying hydrated and eating healthy food is crucial during summers. Therefore, we encourage you to drink plenty of water and eat a balanced diet.
- Integrating activities with your curriculum can help you understand the subject matter more deeply and recognize the relationship between different areas of study. Moreover, art integration projects carry marks, so it is essential to submit your work and projects in a neat and presentable manner before 10th July.
- Holiday homework is available on school website. (www.snspsladwa.org)

We hope you have a fantastic summer vacation and take advantage of all the opportunities for learning and growth that it offers.

The School office will remain open from 9:30am to 1:30pm during Vacation.

Admissions are open: Nursery to Class IX & XI.

Note: Summer vacation commences from 26th May 2025, and the school will reopen on 4th July 2025.

Principal

Mrs. Amarjit Kaur Sandhu

June holidays homework

Dear students

Wishing you a season of happiness, positivity and cherished memories. It is the time to recharge your spirits and should come back refreshed the purpose of holidays homework is to make you independent , efficient in time management and to develop life skills such as researching ,critical thinking and problem solving.

Hindi

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IT

Do Revision of Chapter 1 & 2

Project Work: Note: Make your Scrap file beautiful in Artistic way (Cover & Introduction Page)

- Draw and color the Logo of any four antivirus paste in your scrap file.
- Draw and color the images the types of malware Paste in your scrap file.
- Draw and colour the Smart Phone Apps and paste them in your scrap file.

Art and Craft

Complete the following pg.no.- 7,8,14,21,, 29,30,39,41,44,45

Social-Science (087)

Dear Students!

Wishing you a season of happiness, positivity, and cherished memories. It's the time to recharge your spirits, and come back refreshed. The purpose of holiday's homework is to make you independent, efficient in time management and to develop life skills such as researching, critical thinking, and problem-solving.

*** Subject Enrichment Activity**

1. List 5 inventions which were made during the 18th century.
2. How surveys are conducting?
3. Question framing

***Art Integrated Project**

Haryana and Telangana :

1. Famous places
2. Culture and Tradition
3. Festival
4. Folk dance
5. Folk Painting

*** Learning Task**

Revise the following chapters :

History - chapter 2 (The Earliest societies: From Hunters and Gatherers to Farmers)

Geography - chapter 2(Globe: Latitudes and Longitudes)


= chapter 3 (Motions of the Earth)

Note: Submit your holiday's home work in a handmade file cover.

Use A4 ruled sheets and do extensive art and craft .


English


1 Be a Reading Detective!

 Solve five comprehension passages from BBC Module 1.

(Hint: Pretend you're solving a mystery! Read carefully and crack the clues.)


2 Word Wizard Challenge

 From Chapter 5 to Chapter 7, pick 20 new words from each and write their meanings.


 Present your word treasure neatly on an A4 size sheet. You can decorate it too!

3 Poetry Time – A Tribute to Dad 

 Compose a short and sweet poem for Father's Day.

 Write it beautifully on an A4 sheet and feel free to add drawings or decorations.

4 Yoga for Life! 

 Create a catchy slogan on "Benefits of Yoga" and write it creatively on an A4 sheet.

(Think of how yoga keeps us calm, strong, and healthy!)

5 Picture This! 📷✍️

Look at the given picture :



✦ Choose one of the following fun tasks:


- Spot the differences and describe them
- Write a story inspired by the picture
- Explain a process you see happening in it

Use your imagination and write on an A4 sheet.


7 🎨 Art Integrated Activity

- Make a collage on dresses and food taste of people of Telangana and Haryana.


Team Environmental Heroes! (Roll No. 1–10)


 Conduct a mini survey in your area:

 Find out the biggest environmental problems people are facing.


 Suggest 5 creative solutions to help fix them. Present your findings on an A4 sheet with drawings or charts!

The Power Within (Roll No. 11–20)




 Create a picture story based on self-realization and self-worth.

 Write a short story (100–120 words) on an A4 sheet. Let your pictures and words inspire others!

Tech Talk Poster (Roll No. 21–30)

 Create a poster that shows how technology can both bring us closer and push us apart.

Be thoughtful and artistic—use both pictures and words to show the two sides of tech!

 *Bonus Tip: Be creative. Use colors, stickers and your imagination. Make each task your own masterpiece!*  

SUBJECT:- SCIENCE

Solve the given worksheet on colorful A4 size sheets.

Multiple Choice Questions.

1. Which of the following plants has soft and thin stems?
(a) Tulsi (b) Hibiscus (c) Neem. (d) Common Grass
2. Which of the following trees is cone-shaped and has flexible and sloping branches?
(a) Neem (b) Dodder (c) Cactus. (d) Oak
3. Which of the following animals has a different habitat?
(a) Lion. (b) Camel (c) Zebra. (d) Hyena
4. Which of the following plants has reticulate venation?
(a) Grasses (b) Banana (c) Ginger (d) Rose
5. Which of the following has tap roots?
(a) Wheat (b) Rice. (c) Corn. (d) Neem

2. Very Short Answer Questions.

Question 1.

Write one word or two words for each of the following:

- (a) The place where plants and animals live _____.
- (b) The special features that enable plants and animals to survive in a particular region _____.
- (c) Plants having seeds with two cotyledons _____.
- (d) Plants whose roots arise from the base of the stem. _____
- (e) Plants having seeds with one cotyledon _____.

Question 2.

Give one example of an animal that can live both in water and on land.

Question 3.

Give two characteristics of aquatic plants which help them to survive in their habitat.

Question 4.

Give two characteristics of aquatic animals which help them to survive in their habitat.

Question 5.

Give two characteristics of a cactus plant that help it to survive in its habitat.

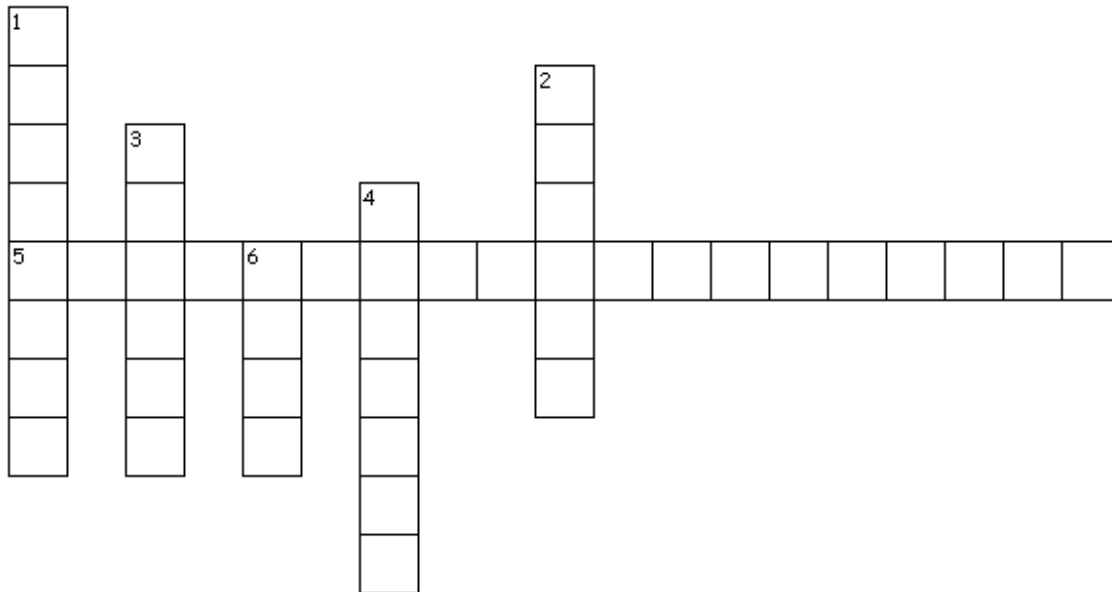
6. Explain the classification of plants as herbs, shrubs, and trees. Give two examples in each case.

Herbs	Shrubs	Trees
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7. Differentiate between the following with two examples and diagram in each case:

Tap Root	Fibrous Root
<hr/>	<hr/>
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8. Solve the below crossword



Across

5. comes out of leaves in the form of vapour and this is called

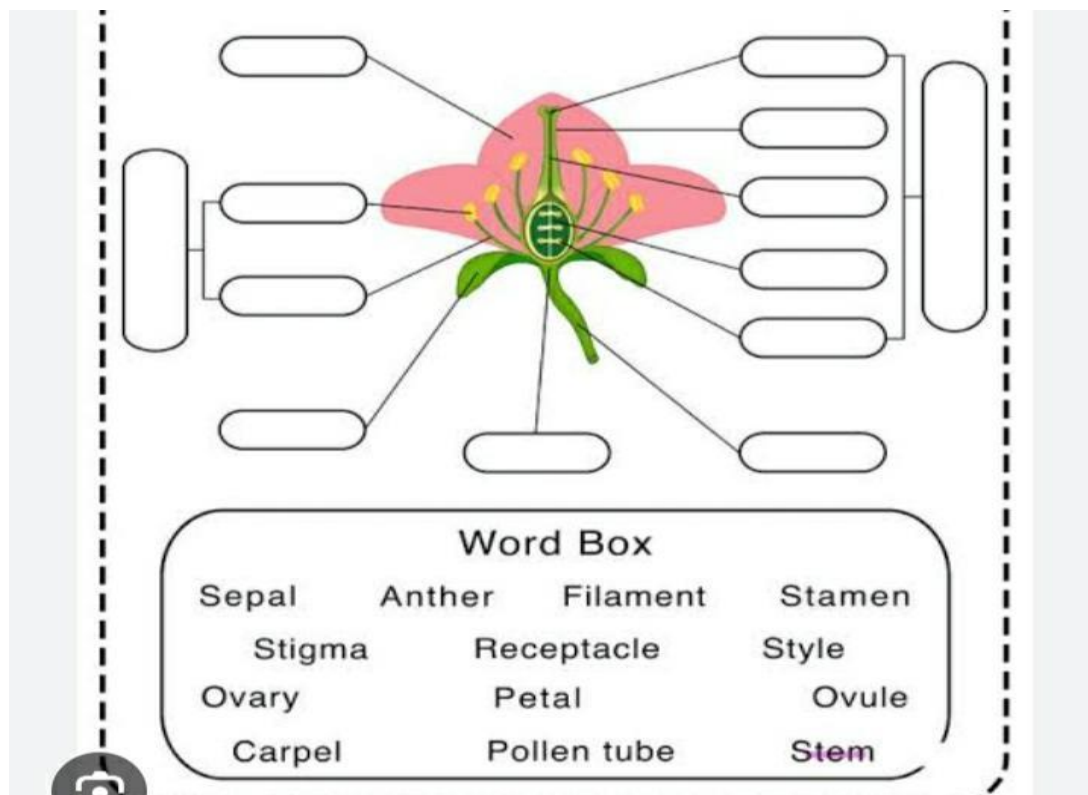
Down

1. arrangement of veins on the leaf
2. This part of flower has stigma, style ovary
3. This part of flower has anther and filament
4. root has parallel venation
6. It holds the plant upright

9. Match the column.

Column A	Column B
plants which have branches at the base are	creepers
Plants with weak stem that cannot stand upright and spreads on the ground	shrubs
Plants which are very tall and have hard and thick brown stem	Herbs
Plants with green and tender stems	Trees
Plants who take support of neighbouring structures and climb up	climbers

10. Label the parts of flower from the word box.



- Revise and learn all the syllabus which was done in class.

A. ART INTEGRATED PROJECT.

Visit a habitat like National Park or backyard near your locality and note down the specific arrangements that are made for the different types of plants and animals of Haryana and Telangana also, like different species , their unique features, their behaviour and also importance of biodiversity.

Try to collect all information and paste pictures to make one scrapbook or create their own illustrations of plants and animals they observe in Haryana and Telangana. Compare the species with their different features in both states.

B. REPRESENTING MODELS.

1. DIY Biodiversity model. (roll 1 to 5)
2. Robot hand (roll 6 to 10)

3. Catapult with cardboard. (roll 11 to 15)
4. Paper ball run game (roll 16 to 20)
5. A complete flower by using colorful cardboard and papers. (roll 21 to 25)
6. Paper well with wheel and axle (roll 26 to 32)

Maths

Art Integrated project:- Compare the literacy rate of Haryana and Telangana.

Maths- Do the following Worksheet on A4 Sheets in neat and clean Handwriting.

And Revise all the work done in class.

SUBJECT-MATHEMATICS, CLASS-VI
CHAPTER-2 (FACTORS AND MULTIPLES)
WORKSHEET (STANDARD)

TIME : 45 MINS

MAX. MARKS : 20

Choose the correct option: (2 x 1=2)

- Two prime numbers whose difference is 2 are called _____.
a) co-prime b) twin prime c) even number d) none of these
- A number is divisible by 6 if it is divisible by _____ factors of six.
a) prime b) co-prime c) composite d) even

Fill in the blanks: (2 x 1=2)

- When two or more integers are multiplied, each integer is called a _____ of the product.
- LCM of co-prime numbers is the _____ of the numbers.

Answer the following: (2 x 1=2)

- Express the predecessor of the smallest 5-digit number as the product of primes.
- Find all the numbers less than 50 that are the common multiples of 3 and 4.

Short Answer Type Question-I: (2 x 2=4)

- What least number should be added to 423987 to make it divisible by 8?
- Can 40 and 160 be the HCF and LCM of two numbers respectively? Give reasons.

Short Answer Type Question-II: (2 x 3=6)

- Find the least length of a rope which can be cut into whole number of pieces of lengths 45cm, 75cm and 81cm.
- Find the smallest number which when increased by 20 is exactly divisible by 90 and 144.

Long Answer Type Question: (1 x 4=4)

- A terrace of dimension 10m x 7m is to be fitted with square tiles of largest possible size. What should be the size of the tiles and how many such tiles are required?

SUBJECT-MATHEMATICS, CLASS-VI
CHAPTER-2 (FACTORS AND MULTIPLES)
WORKSHEET (ADVANCE)

TIME : 45 MINS

MAX. MARKS : 20

Choose the correct option: (2 x 1=2)

- LCM of co-prime numbers is the _____ of the numbers
a) sum b) difference c) product d) quotient
- The HCF of two numbers is 24. The number which can be their LCM is _____.
a) 84 b) 120 c) 128 d) 148

Fill in the blanks: (2 x 1=2)

- The smallest 3-digit odd composite number is _____.
- A number less than the sum of its factors except itself is called an _____.

Answer the following: (2 x 1=2)

- LCM of two numbers is 12 times their HCF. The product of the numbers is 3072. Find their HCF and LCM.
- The product of two numbers is 2028 and their HCF is 13. Find the number of such pairs.

Short Answer Type Question-I: (2 x 2=4)

- The LCM of two prime numbers a and b ($a > b$) is 161. Find the value of $2a-b$.
- Determine the greatest 3-digit number exactly divisible by 7, 9 and 12.

Short Answer Type Question-II: (2 x 3=6)

- If the ratio of two numbers is 4:5 and their HCF is 4, then find their LCM.
- Mohan has a cricket match every 4th day. Ramesh has one every 5th day. When will they have a match on the same day?

Long Answer Type Question: (1 x 4=4)

- Six bells commence tolling together and toll at intervals of 2, 4, 6, 8, 10 and 12 seconds respectively. In 30 minutes, how many times do they toll together?

PA6-4 Pattern Rules

- What number was added to make the sequence?

- | | | | |
|-----------------------|--------------|-----------------------|-----------|
| a) 12, 17, 22, 27 | add <u>5</u> | b) 32, 35, 38, 41 | add _____ |
| c) 28, 34, 40, 48 | add _____ | d) 50, 57, 64, 71 | add _____ |
| e) 101, 106, 111, 116 | add _____ | f) 269, 272, 275, 278 | add _____ |

- What number was subtracted to make the sequence?

- | | | | |
|-------------------|-------------------|-----------------------|----------------|
| a) 58, 56, 54, 52 | subtract <u>2</u> | b) 75, 70, 65, 60 | subtract _____ |
| c) 20, 19, 18, 17 | subtract _____ | d) 91, 88, 85, 82 | subtract _____ |
| e) 67, 61, 55, 49 | subtract _____ | f) 900, 890, 700, 600 | subtract _____ |

- What do you multiply by to make the sequence?

- | | | | |
|-------------------|-------------------|-------------------|-------------------|
| a) 2, 6, 18, 54 | multiply by _____ | b) 3, 6, 12, 24 | multiply by _____ |
| c) 5, 20, 80, 320 | multiply by _____ | d) 5, 15, 45, 135 | multiply by _____ |

- What do you divide by to make the sequence?

- | | | | |
|---------------------|-----------------|-------------------|-----------------|
| a) 120, 60, 30, 15 | divide by _____ | b) 189, 63, 21, 7 | divide by _____ |
| c) 2000, 200, 20, 2 | divide by _____ | d) 125, 25, 5, 1 | divide by _____ |

- How do you get each term from the previous term?

- | | | | |
|-------------------|--------------|---------------------|-------|
| a) 8, 11, 14, 17 | add <u>3</u> | b) 81, 79, 77, 75 | _____ |
| c) 3, 12, 48, 192 | _____ | d) 2, 10, 50, 250 | _____ |
| e) 46, 41, 36, 31 | _____ | f) 4000, 400, 40, 4 | _____ |

- Ella says she made a pattern by adding 4 each time. Write the first three terms for two different patterns she could have made.

Pattern 1: _____ Pattern 2: _____

- Sara says she made a pattern starting at 4. Write the first three terms for two different patterns she could have made.

Pattern 1: _____ Pattern 2: _____

- John says he made a pattern by starting at 3 and adding 5 each time. Write the first three terms of John's pattern.

SUBJECT-MATHEMATICS, CLASS-VI
CHAPTER-2 (FACTORS AND MULTIPLES)
WORKSHEET (BASIC)

TIME : 45 MINS

MAX. MARKS : 20

Choose the correct option: (2 x 1=2)

- A composite number has _____ factors.
a) one b) two c) more than two d) none of these
- A number is divisible by 5 if the digit at ones place is _____.
a) 1 or 3 b) 0 or 5 c) 1 or 2 d) 4 or 8

Fill in the blanks: (2 x 1=2)

- HCF of 12 and 36 is _____.
- The first even multiple of 13 is _____.

Answer the following: (2 x 1=2)

- Write the prime factorization of 64.
- Are 16 and 21 co-prime?

Short Answer Type Question-I: (2 x 2=4)

- Write down the last four 2-digit multiples of 12.
- By what smallest digit the * will be replaced to make 2346*1 divisible by 9

Short Answer Type Question-II: (2 x 3=6)

- Test the divisibility of 6790852 by 11.
- Find the greatest number that will divide 120, 160 and 145 leaving remainder 2 in each case.

Long Answer Type Question: (1 x 4=4)

- The wall of a room is 5 m 75 cm long and 7 m high. It is to be decorated with square photo frames leaving no gaps. Find the largest size of frame needed.

SUBJECT-MATHEMATICS, CLASS-VI
CHAPTER-2 (FACTORS AND MULTIPLES)
WORKSHEET (HOTS)

- Pencils come in packages of 10. Erasers come in packages of 12. Aayesha wants to purchase the smallest number of pencils and erasers, so that she will have exactly 1 eraser per pencil. How many packages of pencils and erasers should she buy?

- How many numbers less than 20 can be written as the sum of two prime numbers?

- A farm has two bells – one that rings every 3 minutes and another that rings every $3\frac{1}{2}$ minutes. Suppose the bells ring together at noon. What is the first time after 2 pm that they will ring together again?

- What are the two numbers nearest to 20000 which can exactly divide by 4, 7, 8, 6 and 5.

- Three numbers are in the ratio of 3:4:5 and their LCM is 2400. Find their HCF.

- The LCM of two numbers is 12 times their HCF. The sum of the HCF and LCM is 403. If one number is 93, then find the other.

- What will be the least number which when doubled will be exactly divisible by 12, 18, 21 and 30?

- Three numbers which are co-prime to each other are such that the product of the first two is 551 and that of the last two is 1073. Find the sum of the three numbers.

- Find the HCF of $\frac{9}{10}$, $\frac{12}{25}$, $\frac{18}{35}$ and $\frac{21}{40}$

- The sum of two given numbers P and Q is 56. Their LCM and HCF is 96 and 8 respectively. Find the sum of $\frac{1}{P} + \frac{1}{Q}$.

A pattern rule tells you how to make a pattern. For some patterns, you can make a pattern rule by saying:
• how to start the pattern and
• how to get each term from the term before it.

- Use the first three terms in the pattern to find the rule. Then write the next term.

- | | |
|--------------------------|--|
| a) 52, 57, 62, <u>67</u> | The rule is: <u>Start at 52 and add 5 each time.</u> |
| b) 3, 9, 27, _____ | The rule is: _____ |
| c) 78, 75, 72, _____ | The rule is: _____ |
| d) 64, 32, 16, _____ | The rule is: _____ |

- Use the pattern rule to make the pattern. Write the first five terms.

- | | |
|--|-------|
| a) Start at 8 and subtract 1 each time. | _____ |
| b) Start at 3 and multiply by 2 each time. | _____ |
| c) Start at 5 and add 6 each time. | _____ |
| d) Start at 81 and divide by 3 each time. | _____ |

- Find the given term in the pattern.

- | | |
|--|-------------------|
| a) Start at 36 and add 12 each time. | Rough Work: |
| The third term is <u>60</u> . | <u>36, 48, 60</u> |
| b) Start at 32 and divide by 2 each time. | _____ |
| The fourth term is _____ | _____ |
| c) Start at 50 and subtract 4 each time. | _____ |
| The eighth term is _____ | _____ |
| d) Start at 2 and multiply by 4 each time. | _____ |
| The third term is _____ | _____ |

- Which term in the pattern is equal to 18?

- | | |
|---|---------------------|
| a) Start at 3 and add 5 each time. | Rough work: |
| The <u>4th</u> term is <u>18</u> . | <u>3, 8, 13, 18</u> |
| b) Start at 2 and multiply by 3 each time. | _____ |
| c) Start at 88 and subtract 10 each time. | _____ |

- The first term is missing. Fill it in.

- | | | |
|-------------------------|--------------------------|--------------------------|
| a) _____, 7, 10, 13, 16 | b) _____, 98, 96, 94, 92 | c) _____, 6, 18, 54, 162 |
|-------------------------|--------------------------|--------------------------|

Activity Time:

Note: Do it in A3 size sheets.

1 . Make a beautiful table booklet (tables1-20) (for all)

2. Make a photo frame on “RAMANUJAN- The Great Mathematician.” You need to make a picture of Ramanujan and write his important contributions in about 50 words. (for all)

2. Make a project on the following:

- a. Make a collage of indian mathematician. (Roll no. 1-15)**
- b. Properties of factors and multiples. (Roll no. 16- 30)**



Conversation

1. What is your name?
2. In which class do you study?
3. What is the motto of your School?
4. Name the Chairman of your School?
5. What is the name of your Principal?
6. How many friends do you have?
7. Which is your favourite game?
8. Which is your favourite colour?
9. What is the name of your mother?
10. What is the name of your father?
11. Which type of family do you have?
12. How many members are there in your family?
13. What is the name of your school?
14. What is the name of your class teacher?
15. What are the activities for which we need air?
16. What makes the air dirty?
17. How many sense organs do we have?
18. Which organ helps us to see?
19. Which organ helps us to hear?
20. Which organ helps us to smell?
21. Which organ helps us to taste?
22. Which organ helps us to touch/feel?
23. What happens to fruit if you leave it out in the sun for a long time?
24. What do plants and trees give us?



SANT NISCHAL SINGH PUBLIC SCHOOL

LADWA

General Knowledge

1. How many days are there in a week?
2. How many hours are there in a day?
3. How many letters are there in the English alphabet?
4. How many colours are there in the rainbow?
5. How many months are there in a year?
6. How many vowels are there in the English alphabet?
7. In which city do you live?
8. What is the name of your state?
9. Which word cannot fly?
10. How many days are there in a year?
11. What is the capital of India?
12. Which festival is called the festival of colours?
13. Name the national bird of India.
14. Name the national flower of India.
15. Which word cannot fly?
16. National sport of India.
17. What are the three colours of the national flag?
18. How many colours are there in the rainbow?
19. When do we celebrate Independence Day?
20. Name the national anthem of India.
21. Name the national song of India.
22. National dress of India.
23. Which is the national monument of India?
24. What is the national currency of India?
25. Who is called the father of our nation?
26. Which is the longest river in India?

