

D. A. V PUBLIC SCHOOL

Affiliated to CBSE (10+2) New Delhi
Sec-3 Dhurwa, Ranchi 4

CLASS-VI
HOLIDAY HOMEWORK 2025-26

ENGLISH

A. Write synonyms of the following words:-

1. Blunder
2. Plunder
3. Burgle
4. Scampered
5. Modest

B. Match the words with their antonyms :-

Words	Antonyms
1. Delicious	a. Appear
2. Ingenious	b. Courageous
3. quickly	c. Failure
4. Scared	d. Foolish
5. Success	e. Slowly
6. vanish	f. Teastless

C. Fill in the blanks with the correct form of verb given in the bracket :-

1. Summer.....(swim) regularly.
2. She..... (go) to library every weekend.
3. I plan to.....(visit) all the major beaches in Goa.
4. Raspberries..... (be) slightly sour even when they ripen.

D. Answer the following questions :-

- Q1. Why was there a commotion in the train?
Q2. What did the people of the Irula tribe do for a living?
Q3. What did the Nawab Rangile tell the children?
Q4. Who was Kali?
Q5. What did Sher Singh tell Nawab Rangile?

E. Write meaning of the following words :-

1. Smuggled
2. unconvinced
3. despairingly
4. Nipped
5. Emerged

F. Create a chart showing types of noun with definitions and examples.

MATHS

1. Find the difference between the place values of the nines in 79520986.

2. Find the difference between the place value and the face value of 7 in

27650934.

3. How many 6-digit numbers are there in all ?

4. How many 7-digit numbers are there in all?

5. How many thousands make a lakh ?

6. How many thousands make a crore ?

7. Find the difference between the number 738 and that obtained on reversing its digit.

8. What comes just after 9547999 ?

9. What comes just before 9900000 ?

10. What comes just before 10000000 ?

11. Write all 3-digit numbers using 2, 3, 4 taking each digit only once.

12. Write the smallest number of different digits formed by using the digits 3, 1, 0, 5 and 7.

13. Write the largest number of different digits formed by using the digits 2, 4, 0, 3, 6 and 9.

Word Problems:-

1. There were three candidates in an election. They received 687905 votes, 495086 votes and 93756 votes respectively. The number of invalid votes was 13849. If 25467 persons did not vote, find how many votes were registered.

2. The sale receipt of a company during a year was Rs. 20956480. Next year, it increased by Rs. 6709570. What was the total sale receipt of the company during these two years ?

3. A man had Rs. 20000000 with him. He spent Rs. 13607085 on buying a school building. How much money is left with him ?

4. A man had Rs. 10672540 with him. He gave Rs. 4836980 to his wife, Rs. 3964790 to his son and the rest to his daughter. How much money was received by the daughter ?

5. The cost of a chair is Rs. 1485. How much will 469 such chairs cost ?

6. How much money was collected from 1786 students of a school for a charity show if each student contributed Rs. 625 ?

7. A factory produces 6985 screws per day. How many screws will it produce in 358 days ?

8. Mr Bhaskar saves Rs. 8756 every month. How much money will he save in 13 years ?

9. There are 54 balls in box A and 79 balls in box B. Estimate the total number of balls in both the boxes taken together.

10. An aeroplane covers 1485 km in 1 hour. How much distance will it cover in 72 hours ?

11. The product of two numbers is 13421408. If one of the numbers is 364, find the other.

12. If 36 flats cost Rs. 68251500, what is the cost of each such flat ?

13. The mass of a cylinder filled with gas is 30 kg 250 g and the mass of the empty cylinder is 14 kg 480 g. How much is the mass of the gas contained in it ?

14. From a cloth 5 m long, a piece of length 2 m 85 cm is cut off. What is the length of the remaining piece ?

15. In order to make a shirt, a length of 2 m 75 cm of cloth is needed. How much length of the cloth will be required for 16 such shirts ?

Estimate each sum to the nearest ten, thousand, hundred :-

1. $(57+34)$ 2. $(43+78)$ 3. $(14+69)$

4. $(86+19)$ 5. $(95+58)$ 6. $(77+63)$

7. $(356+275)$ 8. $(463+182)$ 9. $(538+276)$

10.(32836+16466)**11.**(53–18) **12.**(97–38)**13.**

(409–148)**14.**(678–215)**15.**(47005–39488)

Estimate each of the following products by rounding off each number to the nearest ten :-

1.54×472.28×633.42×754. 64×58

5. 15×346.376×1237.264×1478. 423×158

9. 509×17910. 392×138

Express each of the following as a Roman numeral :-

(i) 164 (ii) 195 (iii)226 (iv) 341 (v) 475 (vi) 596 (vii) 611 (viii) 759

Write each of the following as a Hindu - Arabic numeral

(i) XXVII ii) XXXIV (iii) XLV (iv) LIV (v) LXXIV
(vi) XCI (vii) XCVI (viii) CXI (ix) CLIV (x) CCXXIV
(xi) CCCLXV (xii) CDXIV (xiii) CDLXIV (xiv) DVI (xv)
DCCLXVI

Q. Define : (i) factor (ii) multiple. Give five examples of each

Q. What are prime numbers ? Give ten examples.

Q. Make a list of seven consecutive numbers , none of which is prime
:

Q. What are composite numbers ? Can a composite number be odd ?If yes. Write the smallest odd composite number .

Q. What are co-primes ? Give examples of five pairs of co-primes . Are co-primes always primes ? If no. illustrate your answer by an example .

Q. Express each of the following odd numbers as the sum of three odd prime numbers :-

(i)31, (ii)35, (iii)49, (iv)63

Q. Express each of the following numbers as the sum of twin primes :-

(i) 36, (ii) 84, (iii) 120, (iv) 144

Q. Test the divisibility of the following numbers by 5:

(i) 4965 (ii) 23590 (iii) 35208

(iv) 723405 (v) 124684 (vi) 438750

Q. Test the divisibility of the following numbers by 6 :

(i)2070 (ii) 46523 (iii) 71232 (iv) 934706 (v) 251780 (vi) 872536

Q. Test the divisibility of the following numbers by 11 :

(i) 4334 (ii) 83721 (iii) 66311 (iv) 137269 (v) 901351 (vi) 8790322

Q. Test the divisibility of the following numbers by 9 :-

(i) 2358 (ii) 3333 (iii) 98712 (iv) 257106 (v) 647514 (vi) 326999

Q. In each of the following numbers, replace * by the smallest number to make it divisible by 3 :-

(i) 27 * 4 , (ii) 53 * 46 , (iii) 8 * 711 , (iv) 62 * 35 ,

(v) 234 * 17 , (vi) 6 * 1054

Q. In each of the following numbers, replace * by the smallest number to make it divisible by 11 :-

(i) 26 * 5 , (ii) 39 * 43 , (iii) 86 * 72 , (iv) 467 * 91 ,

(v) 1723 * 4 , (vi) 9 * 8071

Q. Test the divisibility of :-

(i) 10000001 by 11, (ii) 19083625 by 11, (iii) 2134563 by 9 , (iv) 10001001 by 3 , (v) 10203574 by 4 , (vi) 12030624 by 8

Q. Give the prime factorization of each of the following numbers:

(i) 48, (ii) 90, (iii) 252, (iv) 945 (v) 8712, (vi) 1035, (vii) 4335

Q. Find the HCF of the numbers in each of the following , using the prime factorization method :

a) 84 , 120 , 138 b.) 106, 159, 371

c.)658, 940, 1128

d.)754, 1508, 1972

e.)1794, 2346, 4761

f.)504, 980

Q. Find the greatest number which divides 615 and 963 , leaving the remainder 6 in each case.

Q.Find the greatest number which divides 2011 and 2623 , leaving remainders 9 and 5 respectively.

Q.Find the greatest number that will divide 445, 572 and 699 , leaving remainders 4, 5, 6, respectively.

Q. Reduce each of the following fractions to the lowest terms :

(i) 161207 , (ii) 517799 , (iii) 296481

Q.Three pieces of timber, 42-m, 49-m and 63-m long, have to be divided into planks of the same length. What is the greatest possible length of each plank.

Q. Three different containers contain 403 L, 434 L and 465 L of milk respectively. Find the capacity of the container which can measure the milk of all the containers in an exact number of times.

Lab Manual

Activity 1 and 2

Sanskrit

प्रश्न 1-वर्ण कितने प्रकार के होते हैं नाम लिखो।

प्रश्न -2 व्यंजन कितने प्रकार के होते हैं विस्तार पूर्वक लिखो

प्रश्न - 3 शब्द किसे कहते हैं? लिखो।

प्रश्न- 4 स्त्रीलिंग पुलिङ्ग नपुंसक लिंग शब्दान् पृथक् कुरुत।

कपोतः, वनम, गजः , पुष्पम्, कोकिला, शुकः , गर्दभः, वर्षा

बालः, उद्यानं, वृक्षः, भोजनं, लता, वस्त्रं, निशा, वसुधा

प्रश्न -4 शरीर के विभिन्न अंगों का नाम संस्कृत में लिखो।

प्रश्न - 5 धातु किसे कहते हैं ? लिखो।

प्रश्न - 7 लिख् और पठ् धातु रूप लट् और लृट् लकार में लिखें।

प्रश्न - 8 बालक और अस्मद् शब्द रूप आठो विभक्तियों में लिखो।

प्रश्न - 9 वर्ग कितने होते हैं? नाम लिखो।

प्रश्न - 10 प्रथमा विभक्ति तीनों लिंगों और तीनों वचनों में रूप लिखो और फोटो पेस्ट करो ।

पेज नंबर 20(व्याकरण)

प्रश्न - 11 शब्दार्थ लिखो।

पिपीलिका ,पिञ्जफलकम् चक्रं,कलिका ,फेनकं ,सरिता

कृषकः,पत्रं , भूषिका, मूषकः,

(प्रोजेक्ट वर्क) A -4 साइज पेपर में बनाएं।

प्रश्न - 12 सौरमंडल का चित्र बनाएं और सारे ग्रहों का नाम संस्कृत में लिखें । प्रत्येक ग्रहण का वर्णन विस्तार पूर्वक लिखें।

SCIENCE

SECTION - A

ANSWER THE FOLLOWING SHORT ANSWER QUESTIONS IN YOUR OWN WORDS:-

- 1) Why is curiosity important in science?
- 2) What are ecosystem?
- 3) What is the scientific method? What is the first step of scientific method?
- 4) What is the benefit of the collaborative method of science?
- 5) What does recycling involve?
- 6) How can working with other benefits science exploration?
- 7) What makes earth unique?
- 8) What is the ultimate goal of starting science?
- 9) Describe how science is involved in everyday activities.
- 10) How does science help us understand everyday for phenomena like it rains?

SECTION- B

Answer the following long answer questions in your own words:-

- 1) What types of venation is found in the leaf of monocots?
- 2) How is doctors adapted to survive in the desert?
- 3) How do amphibians differ from other animals in terms of habitat?
- 4)What are herbs and shrubs? Discuss with the help of dome suitable examples.
- 5) What are climbers and creepers? Give some examples.
- 6) Diffrence between taproot and fibrous root.
- 7) How are camel adapted to live in desert?
- 8) What do you mean by leaf venation? Explain the various types of leaf venation with example.
- 9) Describe the concept of biodiversity and explane its significance in maintaining ecological balance.
- 10) Explain the role of grouping in understanding biodiversity and its impact on conservation efforts.
- 11) How will you convert an iron nail into a magnet?
- 12) What are attractive and directive properties of a magnet explain.

- 13) Why does the freely suspended magnet always align itself in the north south direction?
- 14) What is meant by magnetic and non magnetic materials discuss with the help of suitable examples.
- 15) Describe an experiment to find the poles of the magnet.
- 16) List some everyday uses of magnet.
- 17) What define a material as magnetic?
- 18) It is said that repulsion is a sure test for magnetism why is it so?

SECTION - C

Students are advised to make a project in a stick file based on the following topic with clearly mentioned act and every module with the help of some suitable diagram/model

- Water filtration system
- Building a simple electric circuit

S.S.T

Model -

- 1. Prepare a model of Unity in Diversity.**

Project file Work - (Art integrated based)

1. Paste a picture of a landscape from the Andaman and Nicobar Islands.
2. Draw or paste a picture of any Marine animal.
3. Paste a map of India showing its different time zone.
4. Draw a picture of a compass and so all of the cardinal directions.
5. Draw our paste and outline a map of the world , mark oceans and continents of the world.
6. Paste a picture of an ancient coin or an inscription.
7. Draw a paste of an animal figure as seen in any cave painting.
8. Paste a picture of a Chinese traveller who came to India during the ancient period.
9. Draw a rangoli in the style people make during Pongal celebrations. Write about the Pongal festival.
10. On the political map of India Mark traditional costumes from different parts of India.

Copy work -

1. What do you understand by the scale of a map? Explain.
2. The longitude of New York is 74 ° W. If it is 9:30 a.m. in London, what is the time in New York?
3. If the area of Australia is 800, 000 square units in a special unit of area, find the areas of all other continents.
4. Gautam Buddha was born in 50060 BCE, and India gained

independence in 1947 AD, what is the difference between these two years?

5. Birth of Gautam Buddha is often associated with the beginning of an era. What is the reason for this?
6. What is common in different names which were coined by different civilizations for India?
7. Write the story of the Ramayana in as few words possible.
8. Explain how our National anthem depicts unity in diversity.
9. How can you say that the family is the first school? Explain.
10. Write a difference between nuclear family and joint family.

Hindi

1) दीपिका --- पाठ--1,3,4,प्रश्न उत्तर लिखो और याद करो।

2) व्याकरण ---पाठ-1 भाषा लिपि और व्याकरण(पूरा प्रश्न उत्तर कॉपी में लिखो)

पाठ- 7 --शब्द भंडार---

पर्यायवाची--(1 से 20 तक) अग्नि से दरवाजा तक लिखो

विलोम शब्द--- आदि से आदर्श तक लिखो

वाक्यांशों के लिए एक शब्द--- जिसका अंत न हो से. हाथ से लिखा हुआ तक लिखो

3) पाठ --9 --संज्ञा के विकार -- लिंग परिवर्तन पूरा लिखो

4) पाठ--24--पत्र----जन्मदिन बधाई पत्र ,अवकाश के लिए प्राचार्य को पत्र लिखो और याद करो

5) पाठ---20 --निबंध ---शरद ऋतु और गणतंत्र दिवस 10 से 15 लाइन लिखो और याद करो

6) प्रोजेक्ट-- टॉपिक (मनाली की सैर) एक स्टिक फाइल में A4 साइज के 10पेपर में होना चाहिए ।

Computer

Answer the following questions.

1. How does a barcode reader works ?
2. What is OMR ? Write its one disadvantage.
3. How is a smart card different from magnetic strip card?
4. What is plotter? List different types of plotters.
5. What is the role of output devices ?
6.) Make a project file on Computer and Technology.
 - ◆ Define Computer. Draw a diagram of computer.
 - ◆ Define Hardware and Software with diagrams.
 - ◆ Collect some newspaper articles about technology and paste it.
 - ◆ Uses of Technology in our daily life. Paste some diagram of its uses.

G.K

1. Write five points on how to be a good citizen.
2. How many states in India write their names with capital.
3. How many planets are there in solar system? Write their names.
4. Write the name of five neighboring countries of India.
5. Write the name of five oceans of the world.
6. Write the short notes on the Internet. Write their advantages and disadvantages.
7. Fill in the blanks.
 - i. The bottom of the sea is called
 - ii. A high flat land is called a
 - iii. A lake is a body ofwith land around it.
 - iv. The shape of the Earth is
 - v.is a frozen dew.
 - vi.is a house made of ice blocks.
 - vii. The first women in space was In 1963.
 - viii. was the first women of Indian origin to fly to space .
8. Why yoga is important for us. Write five types of yoga asanas.
9. Draw a picture of the solar system showing the Sun, Earth and Moon.
10. Draw a picture of five medicinal plants.

Art and Craft

1. Draw any bird picture and colour it in A4 size paper.
2. Draw any animal picture with trees and colour it In A4 size paper.
3. Draw a Castle picture and colour it in A4 size paper.
4. Make a Wall hanging craft from colour paper, cardboard etc.
5. Make a Boat craft from Ice-cream sticks.