

NATIONAL PUBLIC SCHOOL
SUMMER ASSIGNMENT 2022-23
CLASS: VII

ENGLISH :-

Describing a picture – Draw / Paste picture related to any trip / event / family function and make it creative by adding idioms, proverbs, catchy slogans.

HINDI :-

1 जल संग्रहण का संदेश देते हुए आकर्षक पोस्टर बनाइए और नारा लिखिए ।

पोस्टर निर्माण हेतु आवश्यक निर्देश -

- ❖ पोस्टर A-4 साइज़ की ड्राइंग शीट पर बना हो ।
- ❖ रंग संयोजन को ध्यान में रखा जाए ।
- ❖ पोस्टर पर सीमा रेखा अंकित हो ।
- ❖ कम से कम दो स्वरचित नारे लिखें ।

अपना नाम तथा कक्षा पीछे की ओर अंकित हो ।

2 दिए गए विषयों पर 80 से 100 शब्दों में अनुच्छेद लिखिए -

- 1) अनुशासन सफलता की पहली सीढ़ी
- 2) मित्रता एक अनमोल रत्न

3 दिए गए विषयों पर पत्र लेखन कीजिए -

- 1) पेड़-पौधों के अनियंत्रित कटाव को रोकने के लिए जिलाधिकारी को पत्र लिखिए ।
- 2) जन्मदिन पर मित्र द्वारा भेजे गए उपहार के लिए उसका आभार प्रकट करते हुए पत्र लिखिए ।

MATHEMATICS:-

1 Perform the operations and write the answers in ascending order.

- a. $-17 - (-14)$ b. $-39 + 45$ c. $-83 + 81$ d. $-100 + 96$ e. $-37 + 37$

2 Find the products.

- a. $(-36) \times 4$ b. $(-163) \times (-15)$ c. $-845 \times (-12)$ d. $-5 \times -6 \times -1$

3 Divide. (a) $(-1089) \div (-9)$ b. $5236 \div (-11)$ c. $17 \div [(-6) + 5]$

4 Simplify the following :

- a. $-3 \times \{(-10) + 16\}$ b. $-15 \div [10 \div (-2)]$

5 Write four pairs of integers whose product is -36 .

6 Write one pair of integers p and q such that

- a. $p + q = 71$ b. $p - q = -11$ c. $pq = -12$ d. $p \div q = -4$

7 Find out which is greater.

- a. $11 - [16 + (-3)]$ or $11 \times [(-32) \div 8]$
b. $-52 - [(-42) \div 7]$ or $10 \times [9 - 25] + 18]$

8 A kite which is flying at a height of 215 m above the ground level descends at the rate of 5 m per minute. Find its height from the ground after 30 minutes.

9 At the end of fifth round of a quiz completion, Sujata's score was 115. In the final round, she lost 3 points each for 8 questions and gained 5 points each for 7 questions. What was her final score ?

10 Subtract the first integer from the second in each case :

- a. 6, 18 b. -27, -54 c. 12, -7

11 Arrange the following integers in ascending order.

- 8, -4, 0, -11, 9, 4, 6, 13, -27, 19

12 Arrange the following integers in descending order.

- 6, -11, 12, -32, -23, 14, 0, 32, 16, -19, -18.

- 13 Using properties of integers, find the value of :
 (i) $-295 \times (-63) + (-295) \times (33)$ (ii) $20935 \times 99 - (-20935)$
- 14 The product of two numbers is -180 . If one number is 12 , find the other number.
- 15 Write a pair of integers whose sum :
 (i) Is an integer smaller than both the integers.
 (ii) Is an integer smaller than only one of the integers.

Activities

- 1 Draw and complete the following magic squares.

4	9	2		8	3	?		?	3	4
?	5	7		?	5	25		1	?	9
8	1	?		12	2	?		?	7	2

- 2 Maths lab activity given in the book.
 Objective: To find the product of two integers.
- 3 Collect, Fill and Paste any 12 SUDOKU puzzles from any news papers or books. Paste it on A4 size drawing sheet.

SCIENCE:-

1 Activity

To grow fungi on bread and observe its structure (record your observation day wise).

2 Writing work

- Write different modes of ingestion in unicellular and multicellular organisms.
- Draw chart/diagrams of two unicellular and any five multicellular organisms on the basis of nutrition absorption/ intake.

SOCIAL SCIENCE:-

- Write a note about Medieval India.
- Draw Rock Cycle.
- Collect different types of stones
- Draw the diagrams of
 (a) Internal structure of the Earth (b) Layers of the atmosphere (c) Heat Zones

COMPUTER :-

- Name the world fastest super computer.
- Which company is known as big blue?
- Where is RAM located?
- If a computer has more than one processor then it is known as .
- Name the device through which data is entered into computer?
- Hardware device that are not part of the main computer system and are often added later to system .
- Who build the Mechanical analog computer.
- CPU is called the _____ of computer.
- When was the first computer invented?
- Who is known as father of computer?

SANSKRIT :-

- (क) पाठ्य पुस्तक में दिए गए सुभाषितानि में से कोई दो श्लोक A-4 साइज की कार्ड शीट पर लिखिए।
- (ख) धातुरूपाणि :- भू व कृ के धातु रूप (लट् लकार, लङ् लकार, लृट् लकार) तीनों लकारों में संस्कृत उत्तर पुस्तिका (कॉपी) में लिखिए।
- (ग) शब्दरूपाणि :- राम व कवि के शब्द रूप याद करना।