

DELHI PUBLIC SCHOOL DHANBAD

CLASS IV NOVEMBER MONTHLY ASSIGNMENT

1. Fill in the blanks :-

- a) Liquid changes into solid by _____.
- b) _____ is a continuous process .
- c) Water is found in _____ states .
- d) Heavy snowfall and _____ can destroy trees and power lines .
- e) In the Kalahari desert people store water in the shells of _____ eggs .

2. Circle the odd one out :-

- a) Solid , Gas , Molecule , Liquid
- b) Vapour , Water , Ice , Diesel
- c) Dew , Hail , Snow , Pollution
- d) Surface area , Humidity , Temperature , Fog
- e) Cholera , Jaundice , Typhoid , Asthma

3. Draw , colour and label :-

- a) Filtration
- b) Water cycle
- c) Three states of water

4. Competency based questions :-

- a) Water into gas : Evaporation :: Vapour into water : _____
- b) Insoluble impurity : Residue :: Clean water : _____
- c) Collecting rainwater : Rainwater Harvesting ::
Underground water : _____

MATHS MONTHLY ASSIGNMENT

Class - IV

- 1) Write common factors of 80 and 60.
- 2) Make factor tree for --- (a) 175 (b) 64
- 3) Is 14310 divisible by 2, 3, 5 and 10? Justify using Divisibility Rule.
- 4) Write next four equivalent fractions --
(a) $\frac{3}{7} = \frac{6}{14} = \frac{12}{28} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
(b) $\frac{5}{9} = \frac{10}{18} = \frac{20}{36} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
- 5) Which are equivalent fractions --
(a) $\frac{10}{15}$ and $\frac{6}{9}$ (b) $\frac{25}{49}$ and $\frac{5}{7}$
- 6) Arrange in ascending order -- $\frac{5}{13}$, $\frac{5}{7}$, $\frac{5}{6}$, $\frac{5}{11}$
- 7) Arrange in descending order -- $\frac{14}{9}$, $\frac{7}{9}$, $\frac{100}{9}$, $\frac{81}{9}$
- 8) Add :- $\frac{2}{15}$, $\frac{7}{15}$ and $\frac{3}{15}$
- 9) Subtract :- $\frac{3}{13}$ from $\frac{8}{13}$
- 10) Kishu read $\frac{2}{7}$ of a book on Monday and $\frac{3}{7}$ on Tuesday. What part of book did she finish in these two days?

1. निम्नलिखित प्रश्नों के उत्तर एक शब्द में लिखें।

- क) चाँद की जमीन पर पहला कदम किसने रखा?
- ख) फूल हमें क्या देता है?
- ग) गाँधी जी का पूरा नाम क्या है?
- घ) छोटा जादूगर किसे कहा गया है?
- ड) लड़के ने कितने खिलौनों जीते?

2. शब्दार्थ लिखें।

- क) कार्निवाल
- ख) अविचल
- ग) योग्य
- घ) मनन

3. दिए गए शब्दों के विलोम शब्द लिखें।

- क) सुविधा
- ख) विजय
- ग) आकाश
- घ) प्रकाश

4. वर्ण विच्छेद कीजिए

- क) मैदान
- ख) क्योंकि
- ग) खिलौने
- घ) रस्सी

5. पर्यायवाची शब्द लिखें।

- क) पेड़
- ख) हवा
- ग) बादल
- घ) खुशबू

6. दिए गए वाक्यों में क्रिया शब्द रेखांकित करके उसका भेद लिखें।

- क) माँ खीर बना रही है।
- ख) प्रशांत आम खाता है।
- ग) पारुल रोती है।

7. योग्यता पर आधारित प्रश्न

क) आसमान का ऐसा परिंदो
जिसमें रहता मानव बैठा
अंतरिक्ष की सैर करवाता
नाम बताओ क्या कहलाता।

ख) नाम बताएँ।
साल का पाँचवा महीना :
सप्ताह का दूसरा दिन :



Delhi Public School, Dhanbad
Monthly Assignment (November)
Sub: AI
STD IV



Q1. Fill in the blanks:

- a. _____ is the process of creating instructions for computers using programming languages.
- b. The latest version of Scratch is _____
- c. We create programs in Scratch by dragging and connecting blocks. These programs are known as _____
- d. A _____ is a character on the stage that performs actions.
- e. The _____ is where you create code using programming blocks.
- f. The programming blocks are stored in a _____

Q2. Write the steps to start Scratch3:

- a. Click on the _____ button.
- b. Select _____.

Q3. Write the steps to make the Sprite speak.

Step1: Click on the _____ block category

Step2: Drag out a _____ block, change the text, and place it at the top of the stack

Step3: When you click the Green Flag, your script will start running. This block is found in the _____ block category and is yellow

Step 4: Click on the _____ scripts

Step 5: Drag a when _____ clicked block and attach at the top of the stack

4. Draw any five blocks. Colour and name them

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Crack the code to find the answers to the questions about Elephants

A	B	C	D	E	F	G	H	I	J	K	L	M
1	2	3	4	5	6	7	8	9	10	11	12	13
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
14	15	16	17	18	19	20	21	22	23	24	25	26

Q1. What do elephants eat?

12	5	1	22	5	19

Q2. How does elephant swim?

20	18	21	14	11

And

19	14	15	18	11	5	12	19

Once there was a boy who loved cashew nuts more than anything else in the world. He could eat a whole jar full of them at one go! His mother would give him a few cashew nuts every day but he would always say ,”I want some more !Give me some more please !” “If you eat too much cashew, your tummy will hurt ! His mother would say to him. But he just wouldn’t listen. One day his mother had to go out of the house for some work .Soon after she left ,he climbed on the platform of the kitchen to reach the shelf where his mother kept a variety of nuts. His happiness knew no bounds! He opened the jar that also had cashews and started eating them. One by one they went into his mouth. Soon ,the entire jar of nuts was empty. The boy kept the jar back and went to sleep. He woke up feeling under the weather. Soon , his tummy began to hurt. He burst into tears and howled in pain. His mother had to rush him to the doctor. He cried and cried and repented not paying attention to his mother's advice.

Read the passage carefully and do as instructed.

1. Read the extracts given below and answer the questions that follows:-

a) “I want some more!”

i)Who is the speaker?

ii) What does the speaker want?

iii) Why does the speaker want “more”?

2. Soon after she left, he climbed on the platform of the kitchen.

i) Who is “she”?

ii) Who climbed on the platform?

iii) Why did “he” climb on the platform?

3. Frame sentences with the given words:-

a) whole_____

b) hurt_____

c) empty_____

d) attention_____

4. Tick the correct choice:-

a) Once there was a boy who loved

i) Cashew ii) almonds

iii) dates

b) His mother would give him a few

cashew every i) week

ii) hour iii) day

c) One day his mother went out of the house for some i) food

ii) work iii) clothes

d) The boy kept the jar back and went to i) play ii) study iii) sleep

5. Complete the given sentences:-

i) "If you eat too much cashews,

_____ .

ii) His happiness _____ .

iii) He woke up feeling

_____ .

iv) His mother had to rush him

_____ .

6. Pick out the past tense of the given words from the passage:-

i)leave _____ ii) keep _____

iii)climb _____ iv) go _____

v) cry _____

7. Competence based questions:-

A) Circle the odd ones:-

i)saw, went, played, say

ii)rose, toy, lily, lotus

iii) Ram, George, Mother, Sheela

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DELHI PUBLIC SCHOOL , DHANBAD

STD IV SOCIAL STUDIES MONTHLY ASSIGNMENT (NOVEMBER)

NAME_____CLASS & SEC_____ROLL NO._____

Q1) FILL IN THE BLANKS

- 1) A mineral is a naturally occurring _____ material .
- 2) _____ is the main crop of Rabi season .
- 3) Petroleum is also called _____ .
- 4) _____ looks like iron .
- 5) _____ is a light metal .
- 6) Iron ore is processed in _____ plants .
- 7) _____ is an example of cash crop .
- 8) Manganese is used for making _____ and _____ .
- 9) _____ is used for making wires , coins and utensils .
- 10) India is the largest producer of _____ in the world .
- 11) Green Revolution made India a _____ sufficient country .
- 12) Silk saris from Kanchipuram are known as _____ .

Q2) STATE TRUE OR FALSE

- a) Rice grows well in dry areas with very little water . _____
- b) Farmers do not need to check the soil before sowing seeds . _____
- c) Cottage industries run with large machines and hundreds of workers . _____
- d) Minerals are found only on the surface of the Earth . _____
- e) Minerals are unlimited and we can use them without care . _____

Q3) DEFINE

a) Mining

b) Raw Material

c) Ore

d) Metallic Mineral

e) Fossil Fuel

f) Ancillary Units

Q4) GIVE REASON

A) Iron and steel industry is a core industry .

Q5) COMPETENCY BASED QUESTIONS

a) A farmer wants to grow spices . What weather conditions and soil would you suggest ?

Ans _____

b) Why do you think industries are often built near raw materials or near transport facilities ?

Ans _____

c) What steps should industries take to reduce air and water pollution ?

Ans _____

d) A biscuit factory needs flour, sugar and workers. Which one of these is the raw material ?

Ans _____

I. Fill in the blanks:

- 1) Any text, number, image, audio or video which we enter into the computer is called _____.
- 2) When data is processed, organised and presented in a meaningful way, it is called _____.
- 3) The storage area of computer system keeps data and information is called _____ of the computer.
- 4) When we enter data into a computer, it is converted into two digits - ____ and ____.
- 5) A _____ of memory is used to store a single character.

II. Write the difference between:

- 1) Primary memory and Secondary memory
- 2) RAM and ROM

III. Write short note on:

- 1) Pen Drive
- 2) SSD
- 3) CD
- 4) Blu-ray Disc

IV. Write the computer storage units from bits to Petabyte.

(Example - Bit = 0 or 1
8 bits = 1 Byte)

V. Draw the following:

- 1) Portable storage device with 700 MB capacity
- 2) Main secondary storage device with 500 Gb to 5 TB storage capacity
- 3) Tiny storage device used in mobile phones, digital cameras, tablets, etc.

VI. a) Solve the following Sudoku where R = Red, B = Blue, G = Green and Y = Yellow


Each colour appears exactly once in a row, column or mini-

grid.

	Y		
		B	
	R		
		G	

R			
		Y	
	B		
			G

b) Find the next pattern:

- i) 

- ii) 
